2016-2017 UNDERGRADUATE COURSE CATALOG

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The College of William and Mary-Undergraduate Catalog

August 2016

The catalog provides announcements for the 2016-2017 academic year. It was produced by the Office of the University Registrar in cooperation with university administrative offices and is current until August 2017. The College reserves the right to make changes in the regulations, charges and curricula listed herein at any time.

Notice of Non-Discrimination

Unless otherwise constrained by law, William & Mary is committed to providing an environment for its students and employees that is free from discrimination based on any personal factor unrelated to qualifications or performance such as, without limitation, race or color, citizenship, national origin or ethnicity, ancestry, religion or creed, political affiliation or belief, age, sex or sexual orientation, gender identity or expression, disability, marital status, pregnancy status, parental status, height, weight, military service, veteran status, caretaker status, or family medical or genetic information.

Discriminatory harassment is a form of discrimination prohibited by university policy. Sexual violence is a form of harassment based on sex, and is a violation of William & Mary policy. See William & Mary's Title IX Notice.

William & Mary also provides reasonable accommodations for qualified individuals with disabilities as required by law.

The following person has been designated to handle inquiries regarding the university's non-discrimination policies, to receive discrimination/ harassment complaints from members of the university community, and to monitor the institution's compliance with non-discrimination laws and regulations:

Kiersten L. Boyce, J.D., CCEP
Chief Compliance Officer, Title IX and ADA/504 Coordinator
108 James Blair Hall
College of William & Mary
Williamsburg, VA 23185
757-221-3146
klboyc@wm.edu

For William & Mary's full policy on discrimination and harassment (including sexual harassment), and more information about the university's policies and procedures (including grievance/complaint procedures), please visit the webpage for the Office for Compliance & Policy.

A Graduate Catalog is available for graduate and professional programs in the following:

- Mason School of Business
- School of Education
- Graduate Studies in Arts and Sciences
- School of Marine Science
- William & Mary Law School

About William & Mary [Back to Table of Contents]

Accreditation

The College of William & Mary is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award bachelor's, master's, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097 or call 404-679-4500 for questions about the accreditation of William & Mary. The Mason School of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB International); the School of Law is accredited by the American Bar Association (ABA); and the School of Education is accredited by the Council for the Accreditation of Educator Preparation (CAEP). For more information, see the "Accreditation" page on the College's website.

Correspondence Directory

To facilitate prompt attention, inquiries should be addressed to the following at the College of William & Mary, P.O. Box 8795, Williamsburg, Virginia 23187-8795.

Academic Affairs

Michael R. Halleran, *Provost*

Admission - Undergraduate

Timothy A. Wolfe, *Associate Provost for Enrollment and Dean of Admission*

Admission - Graduate Studies

Virginia J. Torczon, *Dean of Graduate Studies and Research, Arts and Sciences*

Ken White, *Associate Dean for MBA and Executive Programs, Mason School of Business*

Carol L. Tieso, *Associate Dean for Academic Programs, School of Education*

Faye Shealy, *Associate Dean of Admissions, William & Mary Law School*

Alumni Affairs

Marilyn W. Midyette, *Executive Director, Alumni Association and Associate Vice President of Alumni Engagement*

Auxiliary Services

Cynthia A. Glavas, *Director*

Bookstore

Cathy Pacheco, *General Manager*

Campus Police

Deborah Cheesebro, *Chief*

Development, Annuities and Gifts

Matthew T. Lambert, *Vice President for University Advancement*

Diversity & Equal Opportunity

W. Fanchon Glover, *Chief Diversity Officer*

Fees and Expenses

Vacant, *Assistant Vice President, Financial Operations*

General Business Matters

Samuel E. Jones, *Senior Vice President for Finance and Administration*

Amy Stoakley Sebring, *Chief Financial Officer*

Information Technology and Telecommunications

Courtney M. Carpenter, *Associate Provost for Information Technology, Chief Information Officer*

International Studies

Stephen E. Hanson, *Vice Provost for International Affairs and Director of the Reves Center for International Studies*

Ombudsperson

Tatia D. Granger, *University Ombudsperson*

Records and Transcripts

Sara L. Marchello, *Associate Provost and University Registrar*

Strategic Initiatives, University Governance, University Relations and Creative Services

Henry R. Broaddus, *Vice President for Strategic Initiatives*

Student Employment, Student Loans, Financial Aid

Edward P. Irish, *Director of Financial Aid*

Student Life

Virginia M. Ambler, *Vice President for Student Affairs*

Swem Library

Carrie L. Cooper, *Dean, University Libraries*

Title IX Coordinator

Kiersten L. Boyce, *Chief Compliance Officer, Title IX/ADA Coordinator*

The College

Mission Statement

The College of William & Mary, a public university in Williamsburg, Virginia, is the second-oldest institution of higher learning in the United States. Established in 1693 by British royal charter, William & Mary is proud of its role as the Alma Mater of generations of American patriots, leaders and public servants. Now in its fourth century, it continues this tradition of excellence by combining the best features of an undergraduate college with the opportunities offered by a modern research university. Its moderate size, dedicated faculty and distinctive history give William & Mary a unique character among public institutions, and create a learning environment that fosters close interaction among students and teachers.

The university's predominantly residential undergraduate program provides a broad liberal education in a stimulating academic environment enhanced by a talented and diverse student body. This nationally acclaimed undergraduate program is integrated with selected graduate and professional programs in five faculties - Arts & Sciences, Business, Education, Law and Marine Science. Masters and doctoral programs in the humanities, the sciences, the social sciences, business, education and law provide a wide variety of intellectual opportunities for students at both graduate and undergraduate levels.

At William & Mary, teaching, research and public service are linked through programs designed to preserve, transmit and expand knowledge. Effective teaching imparts knowledge and encourages the intellectual development of both student and teacher. Research of the highest quality supports the educational program by introducing students to the challenge and excitement of original discovery, and is a source of the knowledge and understanding needed for a better society. The university recognizes its special responsibility to the citizens of Virginia through public and community service to the Commonwealth as well as to national and international communities. Teaching, research and public service are all integral parts of the mission of William & Mary.

The Phi Beta Kappa Society

On December 5, 1776, a small group of William & Mary students founded the Phi Beta Kappa Society, which has since become the nation's premier academic honor society. Alpha of Virginia, as the founding chapter came to be known, inducted fifty members during its first brief period of existence (1776-1781). Among them were William Short, later a distinguished diplomat and close associate of Thomas Jefferson, and John Marshall, subsequently Chief Justice of the Supreme Court. Chapters of Phi Beta Kappa were established at Yale and Harvard, which gave the Society continuity and growth it might not otherwise have had, for in 1781, with the approach of the British army, Alpha of Virginia was suspended. After a brief revival period (1851-1861), the chapter was resurrected in 1893, the 200th anniversary of the founding of William & Mary. In the meantime, chapters of the Society had been established at many other institutions and had come together as the United Chapters of Phi Beta Kappa, now the Phi Beta Kappa Society, with which Alpha of Virginia is affiliated.

The primary purpose of Alpha of Virginia is to encourage and recognize the achievements of William & Mary undergraduates, and twice each year, the Chapter elects to membership a small number of senior students who are B.A. and B.S. candidates, along with BBA candidates who have a second major in an Arts & Sciences discipline, and have demonstrated outstanding scholarship, breadth of intellectual interests and good character.

The College of William and Mary Diversity Statement

The College of William and Mary in Virginia is a community of teachers, students and staff who share our national ideals of human equality, democracy, pluralism and advancement based on merit. We give life to these principles - and prepare women and men to be citizens of the wider world - when we value diverse backgrounds, talents and points of view.

As a community, William & Mary believes that cultural pluralism and intellectual freedom introduce us to new experiences, stimulate original ideas, enrich critical thinking, and give our work a broader reach. We cannot accomplish our mission of teaching, learning, discovery and service without such diversity.

William & Mary belongs to all Virginians, to the nation, and to the world. Yet our College, like our country, failed for many years to open the door of opportunity to all people. In recent decades, William & Mary has made itself a more diverse community, and thus a better one. Structures and habits that create injustices, however, have yet to be fully banished from American society. We are committed to establishing justice.

The College of William & Mary strives to be a place where people of all backgrounds feel at home, where diversity is actively embraced, and where each individual takes responsibility for upholding the dignity of all members of the community.

Code of Ethics

Integrity is one of the core values of the College of William & Mary. Thus, we are committed to lawful and ethical behavior in all of the university's activities. At William & Mary, we insist that all members of the university community - our board members, employees, students and volunteers - comply with all laws, regulations, policies and ethical norms applicable to them. More generally, we are to be honest, fair, and trustworthy ourselves and to take care that other members of the university community are also.

We, as members of the William & Mary community, will:

1. Obey the laws, regulations and policies applicable to our university activities.
2. Protect and preserve university resources and ensure their proper use.

3. Avoid both conflicts of interest and the appearance of such conflicts.
4. Safeguard confidential information.
5. Make procurement decisions impartially and objectively.
6. Maintain effective internal controls to safeguard the regularity and integrity of our activities.
7. Treat other people with dignity and respect, ensuring there is no discrimination or harassment at William & Mary.
8. Report any illegal or unethical action that comes to our attention, so the university can investigate and take corrective steps.

Goals

In fulfilling its mission, William & Mary adopts the following specific goals:

- to attract outstanding students from diverse backgrounds;
- to develop a diverse faculty which is nationally and internationally recognized for excellence in both teaching and research;
- to provide a challenging undergraduate program with a liberal arts and sciences curriculum that encourages creativity, independent thought, and intellectual depth, breadth and curiosity;
- to offer high quality graduate and professional programs that prepare students for intellectual, professional and public leadership;
- to instill in its students an appreciation for the human condition, a concern for the public well-being and a life-long commitment to learning; and
- to use the scholarship and skills of its faculty and students to further human knowledge and understanding, and to address specific problems confronting the Commonwealth of Virginia, the nation and the world.

Presidents of the College

James Blair, 1693-1743
William Dawson, 1743-1752
William Stith, 1752-1755
Thomas Dawson, 1755-1760
William Yates, 1761-1764
James Horrocks, 1764-1771
John Camm, 1771-1777
James Madison, 1777-1812
John Bracken, 1812-1814
John Augustine Smith, 1814-1826
William H. Wilmer, 1826-1827
Adam Empie, 1827-1836
Thomas Roderick Dew, 1836-1846
Robert Saunders, 1847-1848
John Johns, 1849-1854
Benjamin S. Ewell, 1854-1888
Lyon G. Tyler, 1888-1919
Julian A.C. Chandler, 1919-1934
John Stewart Bryan, 1934-1942
John Edwin Pomfret, 1942-1951
Alvin Duke Chandler, 1951-1960
Davis Young Paschall, 1960-1971
Thomas Ashley Graves, Jr., 1971-1985
Paul Robert Verkuil, 1985-1992
Timothy Jackson Sullivan, 1992-2005
Gene Ray Nichol, Jr., 2005-2008
W. Taylor Reveley III, 2008-

Chancellors of the College

Henry Compton, Bishop of London, 1693-1700
Thomas Tenison, Archbishop of Canterbury, 1700-1707
Henry Compton, Bishop of London, 1707-1713
John Robinson, Bishop of London, 1714-1721
William Wake, Archbishop of Canterbury, 1721-1729
Edmund Gibson, Bishop of London, 1729-1736
William Wake, Archbishop of Canterbury, 1736-1737
Edmund Gibson, Bishop of London, 1737-1748
Thomas Sherlock, Bishop of London, 1749-1761

Thomas Hayter, Bishop of London, 1762
Charles Wyndham, Earl of Egremont, 1762-1763
Philip Yorke, Earl of Harwicke, 1764
Richard Terrick, Bishop of London, 1764-1776
George Washington, First President of The United States, 1788-1799
John Tyler, Tenth President of The United States, 1859-1862
Hugh Blair Grigsby, Historian 1871-1881
John Stewart Bryan, Nineteenth President of The College of William And Mary, 1942-1944
Colgate W. Darden, Jr., Governor of Virginia, 1946-1947
Alvin Duke Chandler, Twenty-first President of The College of William And Mary, 1962-1974
Warren E. Burger, Fifteenth Chief Justice of The United States, 1986-1993
The Rt. Hon. The Baroness Thatcher, Prime Minister of the United Kingdom, 1993-2000
Henry A. Kissinger, United States Secretary of State, 2000-2005
Sandra Day O'Connor, Associate Justice of The United States Supreme Court, 2005-2012
Robert M. Gates, United States Secretary of Defense, 2012-

Honorary Fellows of the College

His Royal Highness, The Prince of Wales, 1981
Her Royal Highness, Princess Margriet of the Netherlands, 1989

Board of Visitors

As of July 1, 2016

The Board of Visitors is the governing authority of The College of William & Mary. The Board has the powers and duties conferred upon it by the Royal Charter, the Code of Virginia, and the Management Agreement with the Commonwealth of Virginia. It strives to preserve the ideals and traditions of the institutions under its jurisdiction, including the student-administered Honor System. The Board appoints the President of the College of William & Mary; and it appoints academic officers, faculties, and other executive employees essential to the effective operation of all the institutions under its control. The Board consists of seventeen members appointed by and accountable to the Governor of Virginia and confirmed by the General Assembly. The seventeen members of the Board serve for terms of four years each. Annually the Rector appoints the President of the Student Assembly of William & Mary and, in consultation with the Committee on Academic Affairs, appoints a full-time faculty member from among the former presidents of the William & Mary Faculty Assembly to the position of non-voting, advisory representative on the Board of Visitors. Annually the Rector appoints a College of William & Mary Staff Liaison to serve as a non-voting liaison to bring a staff perspective to the Board. In selecting the Staff Liaison, the Rector shall alternate each year between the professional and operational/classified staffs. The Board approves the Mission Statement and Goals of the College.

Board of Visitors Officers

Todd A. Stottlemyer '85	Rector
H. Thomas Watkins III '74	Vice Rector
Sue H. Gerdelman '76	Secretary

Board of Visitors Members

Term expires June 30, 2017

Lynn M. Dillon '75	McLean, VA
DeRonda M. Short, J.D. '78	Williamsburg, VA
John Charles Thomas	Richmond, VA
H. Thomas Watkins III '74	Lake Forest, IL

Term expires June 30, 2018

Christopher M. Little	McDowell, VA
Sue H. Gerdelman '76	Williamsburg, VA
William H. Payne II '01	Henrico, VA
Lisa E. Roday	Henrico, VA
Term expires June 30, 2019	
Thomas R. Frantz '70, J.D. '73, M.L.T. '81	Virginia Beach, VA
James A. Hixson, J.D. '79, M.L.T. '80	Virginia Beach, VA
Karen Kennedy Schultz '75	Winchester, VA
Todd A. Stottlemyer '85	Oakton, VA
Term expires June 30, 2020	
Warren W. Buck, III, M.S. '70, Ph.D. '76, D.Sc. '13	Snohomish, WA
S. Douglas Bunch '02, J.D. '06	Washington, DC
Anne Leigh Kerr '91, J.D. '98	Richmond, VA
Brian P. Woolfolk, J.D. '96	Fort Washington, MD
2016-2017 Student Representatives	
Eboni S. Brown	College of William & Mary
David J. Snyder IV	Richard Bland College
2016-2017 Faculty Representatives	
TBD	College of William & Mary
D. Jill Mitten	Richard Bland College
2016-2017 Staff Liaison	
David N. Morales	College of William & Mary

Committees of the Board of Visitors

Executive Committee

Richard Bland College Committee

Committee on Academic Affairs

Committee on Administration, Buildings and Grounds

Committee on Athletics

Committee on Audit and Compliance

Committee on Financial Affairs

Committee on Strategic Initiatives and New Ventures

Committee on Student Affairs

Committee on University Advancement

Directory of Administrative Offices

Office of the President

W. Taylor Reveley III, *President*

Michael J. Fox, *Chief of Staff and Secretary to the Board of Visitors*

Cynthia A. Brauer, *Executive Assistant to the President*

Sandra J. Wilms, *Executive Assistant to the Board of Visitors*

W. Fanchon Glover, *Chief Diversity Officer*

Susan Kern, *Executive Director of the Historic Campus*

Jeremy P. Martin, *Assistant to the President and the Provost*

Steve W. Tewksbury, *Executive Director of University Events*

Office of the Provost

Michael R. Halleran, *Provost*

Christin E. Fiedler, *Executive Assistant to the Provost*

Susan S. Grover, *Vice Provost for Academic and Faculty Affairs*

Dennis M. Manos, *Vice Provost for Research and Graduate/Professional Studies*

Stephen E. Hanson, *Vice Provost for International Affairs and Director of the Reves Center*

Timothy A. Wolfe, *Associate Provost for Enrollment and Dean of Admission*

Susan L. Bosworth, *Associate Provost for Institutional Accreditation and Effectiveness*

Courtney M. Carpenter, *Associate Provost for Information Technology and Chief Information Officer*

Michele H. Jackson, *Associate Provost for University eLearning*

Sara L. Marchello, *Associate Provost and University Registrar*

Jeremy P. Martin, *Assistant to the President and the Provost*

Adam D. Anthony, *Director of the Washington Office*

Faculty of Arts & Sciences

Katharine M. Conley, *Dean of Faculty*

Darlene Campbell, *Director of Administration and Finance for Arts and Sciences*

Janice Zeman, *Dean of Undergraduate Studies*

Virginia J. Torczon, *Dean of Graduate Studies and Research*

Joel D. Schwartz, *Dean of Honors and Interdisciplinary Studies*

Lu Ann Homza, *Dean for Educational Policy*

Mason School of Business

Lawrence B. Pulley, *Dean*

Todd A. Mooradian, *Associate Dean of Faculty*

Ken White, *Associate Dean for MBA and Executive Programs*

School of Education

Spencer G. Niles, *Dean*

Carol L. Tieso, *Associate Dean for Academic Programs*

Mark J. Hofer, *Associate Dean for Teacher Education and Professional Services*

William & Mary Law School

Davison M. Douglas, *Dean*

Laura A. Heymann, *Vice Dean*

Lizbeth A. Jackson, *Associate Dean, Administration/Registrar*

Faye F. Shealy, *Associate Dean, Admission*

Michael J. Ende, *Associate Dean, Career Services*

Sarah F. Kellam, *Associate Dean, Development and Alumni Affairs*

School of Marine Science

John T. Wells, *Dean*

Jennifer B. Latour, *Chief Financial and Administrative Officer*

Linda C. Schaffner, *Associate Dean, Academic Studies*

Mark W. Luckenbach, *Director, Research and Advisory Services*

Omohundro Institute of Early American History and Culture

Karin Wulf, *Director*

Joshua Piker, *Editor, William and Mary Quarterly*

Reves Center for International Studies

Stephen E. Hanson, *Vice Provost for International Affairs and Director of the Reves Center*

Sylvia M. Mitterndorfer, *Director of Global Education*

Stephen J. Sechrist, *Director of International Students, Scholars and Programs*

Earl Gregg Swem Library

Carrie L. Cooper, *Dean of University Libraries*

Lisa Nickel, *Associate Dean of Research and Public Services*

Kim Sims, *University Archivist*

Muscarelle Museum of Art

Aaron H. DeGroft, *Director*

Christina M. Carroll, *Senior Associate Director*

Office of Admission

Timothy A. Wolfe, *Associate Provost for Enrollment and Dean of Admission*

Deborah L. Basket, *Associate Dean of Admission*

Kimberly B. van Deusen, *Associate Dean of Admission*

Stacey A. Richardson, *Associate Dean of Admission*

Office of Compliance and Policy

Kiersten L. Boyce, *Chief Compliance Officer, Title IX/ADA Coordinator*

Office of Equal Opportunity

W. Fanchon Glover, *Chief Diversity Officer*

Office of Finance and Administration

Samuel E. Jones, *Senior Vice President for Finance and Administration*

Jacob P. Long, *Director of the Budget*

John M. Poma, *Chief Human Resources Officer*

Vacant, *Director of Financial Operations*

Gregory Johnson, *Director, Procurement Services and Fixed Assets Management*

William D. Copan, *Assistant Vice President for Investment Administration*

F. Brian Hiestand, *Chief Investment Officer for the Endowment Association*

Deborah Cheesebro, *Chief of Police*

Martha T. Sheets, *Senior Planner*

Office of Financial Aid

Edward P. Irish, *Director*

Office of Intercollegiate Athletics

Edward C. Driscoll, Jr., *Director*

Steven L. Cole, *Associate Director*

Peel Hawthore, *Associate Athletics Director for Student Services and Senior Woman Administrator*

Office of Internal Audit

Kent Erdahl, University *Auditor*

Office of Strategic Initiatives

Henry R. Broaddus, *Vice President for Strategic Initiatives*

Frances C. Bradford, *Associate Vice President for Government Relations*

Tina L. Coleman, *Director of Creative Services*

Joseph M. McClain, *Director of Research Communications*

Brian W. Whitson, *Associate Vice President for Communications and University Relations*

Julie Summs, *Director of Economic Development*

Office of Student Affairs

Virginia M. Ambler, *Vice President for Student Affairs*

Marjorie S. Thomas, *Dean of Students*

Jodi Fisler, *Assistant to the Vice President for Student Affairs and Director of Student Affairs Planning and Assessment*

Gregory M. Henderson, *Assistant to the Vice President for Student Affairs and Chief of Staff*

Vernon J. Hurte, Assistant *to the Vice President for Diversity, Senior Associate Dean of Students and Director of The Center for Student Diversity*

Deborah Boykin, *Associate Vice President for Student Affairs (Campus Living) and Director of Residence Life*

Kathleen Powell, *Assistant Vice President for Student Affairs and Executive Director of Career Development*

Andrew D. Stelljes, *Assistant Vice President for Student Affairs (Student Engagement and Leadership) and Director of Community Engagement*

R. Kelly Crace, *Associate Vice President for Health and Wellness and Director of Health Promotion*

Warrenetta C. Mann, *Director, Counseling Center*

Virginia D. Wells, *Director, Student Health*

Anne H. Arseneau, *Director of Leadership Development*

Robert C. Knowlton, *Director of Sadler Center and Campus Center*

Linda A. Knight, *Director of Campus Recreation*

Office of the University Counsel

Deborah A. Love, *University Counsel*

Office of University Advancement

Matthew T. Lambert, *Vice President for University Advancement*

Earl T. Granger, III, *Associate Vice President for Development*

Office of University Ombudsperson

Tatia D. Granger, *University Ombudsperson*

Office of the Associate Provost and University Registrar

Sara L. Marchello, Associate *Provost and University Registrar*

Kimberly A. Momballou, *Deputy University Registrar*

Evan S. Davies, *Director of Institutional Research*

Society of the Alumni

Marilyn W. Midyette, *Executive Director, Alumni Association and Associate Vice President of Alumni Engagement*

Academic Calendar 2016-2017 [Back to Table of Contents]

2016 Fall Semester

AUGUST 19-23	Orientation Period (Friday-Tuesday)
AUGUST 24	Beginning of Undergraduate Classes (Wednesday)
AUGUST 24	Beginning of Add/Drop Period (Wednesday)
AUGUST 24	Opening Convocation (Wednesday)
SEPTEMBER 2	Last Day for Add/Drop (Friday)
SEPTEMBER 23-25	Family Weekend (Friday-Sunday)
OCTOBER 8-11	Fall Break (Saturday-Tuesday)
OCTOBER 13-16	Homecoming (Thursday-Sunday)
NOVEMBER 23-27	Thanksgiving Holiday (Wednesday-Sunday)
DECEMBER 2	End of Undergraduate Classes (Friday)
DECEMBER 3-4	Reading Period (Saturday-Sunday)
DECEMBER 5-9	Examinations (Monday-Friday)
DECEMBER 10-11	Reading Period (Saturday-Sunday)
DECEMBER 12-14	Examinations (Monday-Wednesday)

2017 Spring Semester

JANUARY 13-17	Orientation Period (Friday-Tuesday)
JANUARY 16	Martin Luther King, Jr. Holiday-No Classes (Monday)
JANUARY 18	Beginning of Undergraduate Classes (Wednesday)
JANUARY 18	Beginning of Add/Drop Period (Wednesday)
JANUARY 27	Last Day for Add/Drop (Friday)
FEBRUARY 10	Charter Day (Friday)
MARCH 4-12	Spring Break (Saturday-Sunday)
APRIL 28	End of Undergraduate Classes (Friday)
APRIL 29-30	Reading Period (Saturday-Sunday)
MAY 1-5	Examinations (Monday-Friday)
MAY 6-7	Reading Period (Saturday-Sunday)
MAY 8-10	Examinations (Monday-Wednesday)
MAY 13-14	Commencement Activities (Saturday - Sunday)

2017 Summer Sessions

MAY 30	Beginning of Session I (Tuesday)

JUNE 30	End of Session I (Friday)
JULY 3	Beginning of Session II (Tuesday)
AUGUST 4	End of Session II (Friday)

***For Advising and Registration dates and course and examination schedules, visit www.wm.edu/registrar.

Officers of Instruction [Back to Table of Contents]

W. Taylor Reveley, III *(1998), President and John Stewart Bryan Professor of Law*, A.B., Princeton University; J.D., University of Virginia.

Michael R. Halleran *(2009), Provost and Professor of Classical Studies,* A.B. Kenyon College; A.M. and Ph.D., Harvard University.

- Faculty Emeriti
- Faculty

Officers of Instruction: Faculty Emeriti

Ismail H. Abdalla *(1982), Professor of History, Emeritus*, B.A. and M.A., University of Khartoum; Ph.D., University of Wisconsin.

Henry Aceto, Jr. *(1970), Professor of Biology, Emeritus and Professor of Marine Science, Emeritus*, B.S., State University of New York at Albany; M.S., University of California-Berkeley; Ph.D., University of Texas.

Fred L. Adair *(1970), Professor of Education, Emeritus*, B.S. and Ph.D., University of North Carolina; M.A.T., Duke University.

Joseph S. Agee *(1958), Professor of Kinesiology, Emeritus*, A.B. and M.Ed., College of William & Mary.

Nathan Altshuler *(1960), Professor of Anthropology, Emeritus*, A.B., University of Michigan; Ph.D., Harvard University.

Richard Ash *(2004), Banks Clinical Associate Professor of Business, Emeritus*, B.S., Boston University; J.D., Fordham University.

Herbert M. Austin *(1977), Professor of Marine Science, Emeritus*, B.S., Grove City College; M.S., University of Puerto Rico; Ph.D., Florida State University.

James Lewis Axtell *(1978), William R. Kenan, Jr., Professor of History and Humanities, Emeritus*, B.A., Yale University; Ph.D., Cambridge University.

Elizabeth E. Backhaus *(1966), Associate Professor of Modern Languages and Literatures, Emerita*, A.B., M.A. and Ph.D., University of Connecticut

Samuel H. Baker III *(1969), Professor of Economics, Emeritus*, B.S., Hampden-Sydney College; Ph.D., University of Virginia.

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Admission & Financial Aid [Back to Table of Contents]

Within the limits of its facilities and its obligations as a state university, The College of William & Mary offers the possibility of admission to all qualified students without regard to sex, race, color, age, religion, national origin, sexual orientation, or disability.

Undergraduate Admission

Seeking students with diverse backgrounds, interests and abilities, and welcoming applications from all interested students, the College evaluates each application on its own merits.

Application materials, including detailed information regarding undergraduate admission, may be obtained by consulting the College's website www.wm.edu. Applications for the freshman class are due (postmarked or submitted online) by November 1 for Early Decision candidates and January 1 for Regular Decision candidates. Acceptance under Early Decision is binding.

Transfer applicants should apply by November 1 for the spring semester and March 1 for the fall semester.

Acceptance of an application submitted after these dates will be considered on a case by case basis. No transfer applicant will be admitted as a degree candidate later than one week prior to the start of classes. No freshman applicant will be admitted from the waitlist later than August 1.

College policy prohibits the awarding of a second baccalaureate degree.

Notification to Applicants

Early Decision notifications are sent by early December. Regular Decision notifications are sent by April 1. Spring semester transfer applicants are sent decisions the first week of December, and fall semester transfers are sent decisions by early May. Prior to enrollment, all students must submit official copies of their final transcripts.

Secondary School Preparation

Since more students apply than can be accommodated, the College uses a selective process of admission. Through this holistic process, the applicant's total educational record is considered in relation to other students applying in an attempt to admit those with the strongest academic and personal credentials. Most candidates have pursued as strong a college preparatory program as is available to them. Advanced Placement, International Baccalaureate, honors and accelerated courses are strongly weighted in the evaluation process. Candidates for admission typically have completed the following courses at the secondary level:

- English: Four years (literature and strong training in writing)
- Mathematics: Four years

- Foreign Language (Ancient or Modern): At least four years of one foreign language recommended
- History and Social Science: At least three years
- Science (with laboratory): At least three years
- Elective Courses: Advanced mathematics, history, natural science, English, music, art, drama and other humanities.

Candidates from Virginia high schools are encouraged to take a program leading to the Advanced Studies Diploma as a minimum.

Standardized Tests

Freshman applicants are required to take either the SAT or the ACT. SAT Subject Tests are not required to complete an application, but can be helpful in the review process.

Students can meet the College's foreign language requirement either by completing the fourth level of one foreign language in secondary school or by scoring 600 or above in the subject test in a modern foreign language or 650 or above in Latin. Students intending to continue a foreign language should see the "Foreign Language Proficiency" section within “Requirements for Degrees” for placement information.

Admission of Undergraduate Transfer Students

A transfer student is anyone who wishes to enroll in an undergraduate degree program at William & Mary and has attended another college or university after graduation from high school. Students admitted as freshmen do not receive college credit according to the same rules and agreements that apply to transfer students.

Transfer students are admitted for both the fall and the spring semesters. In order to enroll at the College, transfer applicants must be in good standing and eligible to return to their last institution of full-time attendance. Students who have completed less than a full year of college coursework at the time of application must submit SAT or ACT scores, unless the student has been out of high school for more than five years.

Admission Prior to the Completion of High School

The College may admit as freshmen a limited number of students with outstanding records at the end of their junior year in high school. The Admission Committee expects that these students have exhausted their high school curriculum. Such students are encouraged to seek diplomas from their secondary schools after completing their freshman year, and they may be required to visit the campus for a personal interview as part of the admission process.

Concurrent Courses

The College allows qualified local students to take courses for college credit concurrently with their secondary school program. Initial approval should be requested through the high school administration prior to the filing of the application for non-degree status, which may be secured from the website of the Office of Undergraduate Admission. Admission as a concurrent student does not guarantee subsequent admission as a degree-seeking student.

Flexible Degree Track (FlexTrack) Admission for Nontraditional Students

Transfer and Freshman applicants may be eligible for admission as FlexTrack students if they live in the Williamsburg area, meet the usual admission standards of the College and can show compelling reasons why full-time status is not feasible. In determining whether FlexTrack status is warranted, consideration will be given to the applicant's background. A FlexTrack student must earn a minimum of 12 hours each year (two semesters and a summer term) from the date of enrollment and must complete all degree requirements in effect at the time of enrollment, and all major requirements in effect at the time of the declaration of major. FlexTrack students are limited to no more than 10 credit hours in their first semester at the College. Students who believe they meet these standards because their status has changed since matriculation as a full-time student may petition the Committee on Academic Status for FlexTrack student status. Any FlexTrack students who wish to have their status changed to full-time may also petition the Committee on Academic Status. The Dean of Students Office must be notified in advance of semesters away, and students who do not comply must reapply for FlexTrack status when they wish to return.

A maximum of 20 FlexTrack students will be admitted in any one year, each assigned to an advisor who will stress the importance of building a coherent program. FlexTrack students will not be eligible for residence hall accommodations.

Deferred Enrollment for Admitted Freshmen

Students who are offered admission to the freshman class may request a deferral of their enrollment for one year by notifying the Office of Undergraduate Admission of their intentions in writing. Students admitted during Early Decision or admitted from the waitlist are ineligible for deferred enrollment. Admitted freshmen who are approved for this option must commit to enrolling the

following fall and must submit a re-activate admission application by November 1. These students will be guaranteed space if they satisfy the requirements made as conditions of their original admission and do not enroll as a degree-seeking student at another institution. They must have an honorable record in the intervening year. Assurance of future admission does not apply to students who enroll as degree-seeking at another institution; in such cases, it will be necessary to consider the student as a transfer applicant.

Admission to Non-Degree Status

During the Fall and Spring semesters, non-degree-seeking status is limited to: 1) students who have already earned baccalaureate degrees (official transcript required), 2) students on official visiting status from another domestic four-year college or university, and 3) concurrent high school students. Students in the first two categories should apply for non-degree status through the Office of the University Registrar. Current high school students seeking concurrent enrollment should inquire through their guidance offices to the Office of Undergraduate Admission.

Non-degree status is granted for one semester only; therefore, students must reapply every semester. Visiting students may attend William and Mary for one semester only. Non-degree applications must be received no later than one week prior to the first day of classes. Non-degree students are bound by all rules and regulations of the College and its Honor Code.

Non-Degree Status: Admission to Graduate Courses

In special circumstances, individuals who wish to take graduate courses in the Faculty of Arts and Sciences (courses numbered 500 and above) but not enter as a degree-seeking student may be allowed to do so. Such prospective students must first present evidence to the Office of the University Registrar that they have graduated from an accredited institution of higher education. In addition, individuals must be approved by the respective graduate department or program. Interested students should contact the Office of the University Registrar to request an application for non-degree-seeking status. International exchange students should make contact with the Reves Center for International Studies.

Visiting Students

Students enrolled full-time at other domestic four-year institutions may request to attend William & Mary for one semester provided they have permission from the sending college and they plan to return. Such students must submit the following materials to the Office of the University Registrar: 1) an application for non-degree-seeking status, 2) transcripts of all college work, and 3) a letter from the advisor or registrar at the sending school stipulating permissible courses that will transfer to that institution. Visiting students should be aware that course offerings and housing opportunities may be limited. International exchange students should make contact with the Reves Center for International Studies. Visiting students must enroll full-time unless specifically granted permission for part-time study.

Readmission

Students who are in good standing with the College but have not been in attendance for one or more semesters must submit an application for readmission to the Office of the Dean of Students and be readmitted before they are permitted to register for classes. Students should apply for readmission as soon as possible after making the decision to resume their studies at the College. Applications must be received before August 1 for fall semester, December 15 for spring semester, or May 1 for summer sessions. Students who are not in good standing with the College should refer to the section on “Reinstatement” within “Academic Regulations”. This process does not apply to former students who have since matriculated as degree-seeking students at other institutions. These students must apply as transfer students through the Office of Undergraduate Admission.

Admission to Audit Status

Students, including senior citizens, who wish to audit courses with no credit should contact the Office of the University Registrar to obtain the appropriate forms for permission to audit. Forms are also available on the Registrar's website at www.wm.edu/registrar.

Admission to the Summer Sessions

In summer only, the college may also enroll non-baccalaureate-degree-holders for non-degree coursework without the formality of the visiting student requirement that exists in Fall and Spring. Applicants should visit the University Registrar's web site at www.wm.edu/registrar for course offerings and application forms. Concurrent high school students must apply through the Office of Undergraduate Admission. Others should apply through the Office of the University Registrar. Admission to a summer session does not entitle the student to admission to the regular session or degree status unless an application is submitted and approved by the Office of Undergraduate Admission according to the regular application schedule. Summer school students are bound by all regulations of the College and its Honor Code.

Student Financial Aid

The Office of Student Financial Aid administers all financial awards to undergraduates. Most assistance is based on financial need, with a limited number of academic and talent scholarships. All correspondence regarding financial awards, except those made by ROTC, should be addressed to:

Director of Student Financial Aid
The College of William & Mary
P.O. Box 8795
Williamsburg, Virginia 23187-8795

The Department of Military Science provides scholarships and other financial assistance for students enrolled in the College's Army ROTC Program. Requests for information should be directed to:

Department of Military Science
The College of William & Mary
P.O. Box 8795
Williamsburg, Virginia 23187-8795

Financial Assistance

Financial assistance is available to undergraduates who need additional resources to meet the costs of education at the College. Demonstrated need and eligibility for federal financial aid is established through the analysis of the Free Application for Federal Student Aid (FAFSA). Entering freshmen and transfer applicants need to submit the College Scholarship Service's (CSS) Profile in order to be considered for additional financial aid. In most cases, Virginia undergraduates may expect sufficient support to enable them to attend the College for four years, while out-of-state undergraduates may in many cases expect partial support, with the level depending upon financial need and the availability of funds.

Assistance is offered for one year only, but it may be renewed for each succeeding year if need continues and the student otherwise qualifies. Renewal requires the completion of the FAFSA for each succeeding year. The College's standard of satisfactory academic progress, which is generally the same as that required for continuance in the College, is outlined in the Guide to Financial Aid, available from the Office of Student Financial Aid at http://www.wm.edu/admission/financialaid/information/guides/index.php.

Entering students include early decision, regular decision and transfers. Early Decision applicants wanting a tentative determination of aid eligibility should submit the CSS Profile. ALL entering students should file the FAFSA by March 1. Returning students should file by March 15. Applications submitted after the deadline may not receive full grant consideration.

The Financial Assistance Package

The financial assistance offer may include a grant, loan and/or Federal Work-Study. A grant is gift assistance and does not need to be earned or repaid. The Perkins Loan and Direct Loans must be repaid following graduation, while Federal Work-Study provides earnings during the academic session.

Financial Assistance for Students

Primary Assistance Sources

Federally funded programs include the Pell Grant, the Perkins Loan, Federal Direct Loans, the Supplemental Educational Opportunity Grant, and the Federal Work-Study Program. State funded programs include the Virginia Guaranteed Assistance Program (VGAP) and the Commonwealth Grant.

Endowed scholarship funds made possible through the generosity of friends and alumni of the College provide need-based grants.

Special Scholarships and Programs

Grant funds controlled by the Office of Financial Aid are based on demonstrated need. However, some merit or achievement based grants are offered by various departments such as Admission and Athletics. The Alumni group Order of the White Jacket awards scholarships to students working in food service.

Studying Abroad

Students studying off campus will be eligible for financial assistance. Please read the information available on our website (http://www.wm.edu/admission/financialaid/howtoapply/studyaway/index.php) before applying for a study abroad program.

Financial Benefits for Veterans

Programs for Federal and State beneficiaries are available to eligible students who attend the College. The Department of Veterans Affairs offers several programs to help veterans, active duty and dependents pay for their education including the Post

9-11 and Montgomery GI Bills as well as the Virginia Military Survivors and Dependents Education Program. It is the student's responsibility to decide which benefit is most appropriate for him/her based on individual circumstances and then apply to VA to use benefits through their website at www.gibill.va.gov. Students who receive educational benefits from the Department of Veterans Affairs are ultimately responsible for all charges assessed by the College of William & Mary.

Questions about VA programs and the benefits process at W&M can be addressed to the Office of the University Registrar (757 221-2800 or vabenefits@wm.edu).

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- International Students, Scholars, and Programs (ISSP)
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Academic Advising

Academic advising is recognized at the College as important to the educational development of its students and as both a natural extension of teaching and an important professional obligation on the part of its faculty. Sound academic advice can make the crucial difference between a coherent and exciting education that satisfies personal and professional goals and one that is fragmented and frustrating. It helps the student address not simply course selection and scheduling but also what a liberally educated person should be and know. Because students are responsible themselves for meeting academic goals and requirements, they are urged to take full advantage of the help and information the advisor can offer. Students should take the initiative in making appointments with the faculty advisor for academic and other counsel. New Students are assigned an academic advisor by the Office of Academic Advising. Students are required to meet with their advisors to discuss academic, personal and professional goals; to review the academic regulations and requirements of the College; and to receive help in planning a specific program of study. Freshmen have three required advising meetings during the first year and must attend these meetings in order to register for the next semester. Although students may change their advisor at any time by requesting a change in the Office of Academic Advising, most students retain the same advisor during the sophomore year. After students declare their major, they are assigned an advisor by the department, program or school in which they are completing a major. Students declaring two majors are assigned an advisor in both majors. For details on when students can or must declare a major, see the Catalog section, "Majors & Minors".

The Earl Gregg Swem Library

Carrie Cooper, Dean of University Libraries
(757) 221-INFO

Website: www.swem.wm.edu

Mission and Services

Every great university has a great library, and William & Mary is no exception. A place where curiosity, creativity, and exploration intersect, the Earl Gregg Swem Library is fundamental to the William & Mary experience.

The library supports and enhances teaching and research at the College by providing valuable services, rich collections, knowledgeable staff, and dynamic spaces that enrich and inform the educational experience.

Swem contributes to the College's mission by helping our users not only find information, but to evaluate it, use it, and share it. The library also selects and acquires high quality resources to support the university's curriculum and research needs, and organizes, preserves and provides access to these resources.

Information Commons

Approximately 120 high-end PCs, each loaded with a large suite of productivity applications and specialized course software, are located on the first floor. Computers in the adjacent Learning Center classroom are available for use when classes are not scheduled. There are numerous open network ports for laptop connections, and each floor is configured for wireless access. Twenty-eight group study rooms are located throughout the library for group collaboration and presentation practice. Student consultants from the Writing Center provide on-site writing assistance, and tutors are available by appointment at the Tribe Tutor Zone. Professional advisors are available by appointment at the Offices of Academic Advising, also located in Swem.

Collections

Swem Library and its branches are home to more than 3 million items including 1.9 million print books, 1.5 million microforms, 13,158 films and videos, and 23,789 music recordings.

The library offers many electronic resources with access to 1.1 million e-books, 647 databases and 132,454 e-journals. These can be accessed via Swem's online catalog at http://swem.wm.edu.

Research Services

Research librarians can help identify useful library resources for a specific assignment, assist with searching electronic databases, offer group instruction to classes, and provide general advice on finding, evaluating and using library resources. Connect with research librarians in person or by phone, email, text or online chat. More info at https://swem.wm.edu/about-swem/contact-us.

Government Information Services

Swem Library provides access to federal, state, and international documents and is a selective depository for publications issued by the United States and Virginia governments. Access to electronic government information can be found in Swem's online catalog. For assistance with government information, contact the library's reference desk at 221-3067.

Circulation and Reserves Services

The Circulation and Reserves Department helps patrons identify and locate materials in the library; answers questions about library policies; manages patron records; checks out library materials and equipment such as laptops, iPods, headphones, internet cables, calculators, etc.; and manages course reserves. All of the library's materials are available for use within the library, and most items can be borrowed for use outside the building. The W&M ID card serves as the library card for students, staff, and faculty. All patrons have access to their library account by visiting clicking on "My Library Account" located at the bottom of Swem's homepage. Contact the Circulation and Reserves Departments at 221-3072 or swem@wm.edu.

Interlibrary Loans

If a book, journal article, or other item is not available at W&M, it can usually be borrowed from another library. Articles usually arrive within 2-3 days; books within a week. Requests for materials may be submitted at https://swem.wm.edu/services/borrowing/interlibrary-loan-ill. Questions? Contact the Interlibrary Loan Department at (757) 221-3089 (option 1) or sweill@wm.edu.

Media Center

Swem Library's Media Center services are available to W&M students, staff and faculty. Production studios are equipped with a wide array of software and hardware for the creation of multimedia projects. With a full-time staff, loanable production equipment, and an array of industry-standard software, the Media Center is capable of supporting a wide range of multimedia projects from pre-production to post-production to digital distribution. Contact the center at https://swem.wm.edu/services/media or (757) 221-1378.

Special Collections Research Center

Swem Library's Special Collections Research Center includes university archives, manuscripts and rare books, as well as unique collections such as the papers of Chief Justice Warren E. Burger. University archives documents the history of the college from its founding in 1693 to the present through student publications, photographs, official records, artifacts, memorabilia, and other materials relating to the College. The manuscript collections include letters, diaries, journals, scrapbooks, business records, and other items that cover everything from social movements to the day-to-day experiences of people from all walks of life. The rare books collection includes books dating from the 1400s to today, and focuses on Virginia history, gardening and natural history, religion, dogs, book arts, travel, science, and medicine. For more information, visit http://swem.wm.edu/scrc.

Library Hours

Swem's normal operating hours are Mondays-Thursdays, 8 a.m.-2 a.m.; Fridays, 8 a.m.-8 p.m.; Saturdays, 10 a.m.-8 p.m.; and Sundays, 10 a.m.-2 a.m. During final exams, the library stays open 24 hours. Hours vary throughout the year, especially during interim periods and holidays, so please check the website or call 757-221-INFO to confirm hours.

Swem Library Branches:

In addition to the main library, Swem Library has separate libraries for Chemistry, Music, and Physics.

- Chemistry Library, 1022 Integrated Science Center, (757) 221-2094
- Music Library, 250 Ewell Hall, (757) 221-1090

- Physics Library, 161 Small Hall, (757) 221-3539

Other William and Mary libraries include:

- McLeod Business Library (757) 221-2916, mason.wm.edu/about/library/index.php
- Education/Learning Resource Center (757) 221-2311 education.wm.edu/centers/lrc/index.php
- Wolf Law Library (757) 221-3255, law.wm.edu/library/home/index.php
- William J. Hargis, Jr. Library at the Virginia Institute of Marine Science (804) 684-7116, web.vims.edu/library/

William & Mary Libraries Staff

For a full directory of staff at Swem Library, its branches and affiliated libraries, visit https://swem.wm.edu/staff-directory.

Division of Student Affairs

Virginia M. Ambler	Vice President for Student Affairs
S. Marjorie Thomas	Dean of Students
Deborah Boykin	Associate Vice President for Campus Living and Director of Residence Life
R. Kelly Crace	Associate Vice President for Health & Wellness
Kathleen I. Powell	Assistant Vice President for Student Affairs and Executive Director of Career Development
Andrew D. Stelljes	Assistant Vice President for Student Engagement & Leadership and Director of Community Engagement
Vernon J. Hurte	Assistant to the Vice President (Diversity), Director of the Center for Student Diversity and Senior Associate Dean of Students
Gregory M. Henderson	Assistant to the Vice President and Chief of Staff
Anna L. Mroch	Director of Student Affairs Planning & Assessment

Student Health Center

Dr. Virginia D. Wells, Director
1 Gooch Drive
(757) 221-4386

Website: www.wm.edu/health

The Student Health Center provides high-quality, primary medical care for full-time students. The Health Center delivers a wide variety of services, many of which are covered by the Student Health Center Fee included in the Tuition and General Fee assessment. There is fee for office visits, as well as a fee for certain services, labs, pharmacy and medical supplies. Information about fees and charges can be found on our website. All matters between a student and the Health Center staff are confidential and will not be released without the student's written consent (except in the case of life threatening situations, medical emergencies, severe emotional or psychological distress, or when required and/or permitted by law).

Virginia state law requires all full-time students who are enrolling in a four-year public institution to provide a health history and an official immunization record. The College further requires all full-time students (including previously matriculated students) as well as any other student eligible for services as determined by their department (i.e. Language House tutors, students with an approved underload, or transfer students) to provide documentation of the same immunization requirements and health history. This form will not be accepted if the physician completing and signing the form is a family member. Previously enrolled students who are reentering as full-time students after an absence of 2 years or more must update their forms to meet current requirements. Additionally, enrolled students who are reentering as full-time students after an absence from campus of 6 years or more must resubmit the entire form. This information MUST be submitted on William and Mary's Health Evaluation Form (PDF). In order to be eligible for medical care, graduate and undergraduate students must have paid a Health Fee for the current semester and completed the Health Evaluation Form. Failure to comply with this requirement will result in the following actions: prevention from registering for classes, ineligibility for non-urgent medical care at the Student Health Center, the assessment of a fine on your student account, and may also result in eviction from the residence halls and/or removal from campus (depending on the medical issue); and will include referral to the Dean of Students Office for violation of the Student Code of Conduct.

The College requires all full-time undergraduate and graduate students admitted Fall 2006 or after and all F-1 and J-1 international students to have health insurance coverage throughout the school year as a condition of enrollment. These students will be enrolled in the college-endorsed Student Health Insurance Plan and the cost will be billed to their student account in two installments (fall and spring semester) UNLESS proof of other adequate health insurance coverage is furnished. Students who already have health insurance for the entire academic year must submit a waiver request by the posted deadline each academic year and the waiver request must be approved to avoid being enrolled in the Student Health Insurance Plan. All other full-time undergraduate and graduate students admitted prior to Fall 2006 are not required by the College to have health insurance coverage but are eligible to enroll in the college-endorsed Student Health Insurance Plan on a voluntary basis. It is the student's responsibility to verify whether or not the charge has been billed to your student account. If there is a billing error, you should contact the Student Insurance Coordinator immediately. To access the waiver or enrollment request forms and for more information about the insurance requirement or the college-endorsed insurance plan, please visit www.wm.edu/health/insurance.

Dean of Students Office

S. Marjorie Thomas, Dean of Students
Campus Center 109
(757) 221-2510

Website: www.wm.edu/deanofstudents

The Dean of Students Office provides important services to students.

- We assist students in fulfilling the academic requirements of the College. The Committee on Academic Status, a faculty committee coordinated by the Dean, monitors students' progress towards their degree and makes decisions on academic overloads and under-loads.
- We offer workshops and appointments for developing time management and study skills, and oversees the Tribe Tutor Zone.
- We manage the Student Conduct Processes, including responding to students who have experienced sexual harassment and sexual assault.
- We provide administrative coordination of the Honor System.
- We provide support for students taking personal and medical leaves of absences and coordinates mid-semester withdrawals from the College.
- We coordinate Parent and Family Programs, Transfer Student Support Services, Care Support Services, and Student Accessibility Services.

Counseling Center

Dr. Warrenetta C. Mann, Director
Blow Memorial Hall, Suite 240
(757) 221-3620

Website: www.wm.edu/counselingcenter

The Counseling Center offers a range of brief services for William and Mary students in order to address psychological issues, personal concerns, interpersonal issues, and crisis intervention. Staff members are available to discuss any important personal concerns a student may be facing and work with that student to provide resources to address those concerns.

The staff of the Counseling Center is a diverse group of mental health professionals, including psychologists, counselors, and social workers. A sport psychologist is available for students interested in learning how to enhance their athletic, academic or personal performance. All staff are trained and experienced in dealing with the problems of university students.

Appointments may be made by calling the Counseling Center at 757-221-3620 or by coming to the office in person. Office hours are 8 a.m.-noon and 1 p.m. - 5 p.m., Monday through Friday. For emergencies please dial campus police at 757-221-4596. To speak with a counselor about an urgent matter you can reach us after hours and weekends by calling us at 757-221-3620.

The Cohen Career Center

Kathleen I. Powell, Assistant Vice President and Executive Director of Career Development
180 Stadium Drive
(757) 221-3231

Website: www.wm.edu/career

As partners in the educational process, the Cohen Career Center supports students and alumni through access to comprehensive career development programs, services, connections, and resources, empowering them to pursue their post-graduation plans and navigate life-long career changes. Services include: one-on-one career advising appointments; career education programming; access to internships, resume, and interview preparation; access to on-campus recruiting, mock interviews, and a career database through Tribe Careers; and graduate and professional school admission support. The Career Center serves undergraduate students of all majors, as well as graduate and professional students in Arts & Sciences, Marine Science (VIMS), School of Education and Master of Accounting.

The Center for Student Diversity

Vernon J. Hurte, Ph.D., Director and Senior Associate Dean of Students
Campus Center 159
(757) 221-2300

The Center for Student Diversity strives to foster inclusion, collaboration, and relationship-building within our campus community. The Center provides academic, social, and transition support for underserved and underrepresented students and promotes exchange and dialogue between individuals of diverse backgrounds and identities. We also serve as an information center, providing training and resources to the campus and local Williamsburg community regarding multicultural and diversity topics.

Student Accessibility Services (formerly Disability Services)

Lesley Henderson, Director of Student Accessibility Services and Assistant Dean of Students
Campus Center 109
(757) 221-2509

Website: www.wm.edu/sas

Student Accessibility Services strives to create a comprehensively accessible living and learning environment to ensure that students with disabilities and diagnosed conditions are viewed on the basis of ability by considering reasonable accommodation on an individual and flexible basis in accordance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The decision to request accommodation is voluntary and a matter of individual choice. Students seeking accommodation are strongly encouraged to contact Student Accessibility Services and submit all supporting documentation early to allow adequate time for planning.

Documentation of a Diagnosed Condition
Documentation serves two primary purposes. First, it establishes that the individual has a diagnosed condition, and therefore is protected from discrimination. Second, documentation must describe the current functional impact of the diagnosed condition so that potential accommodations can be identified.

All documentation of diagnosed conditions should consist of an evaluation by an appropriate professional that is not older than three years from the date of the first accommodation request. Included must be a clear statement of the diagnosis, the basis for the diagnosis, and the current impact of the diagnosed condition as it relates to the accommodation request. As appropriate to the diagnosed condition, the documentation should also include the following elements:

- A diagnostic statement identifying the condition, date of the most current diagnostic evaluation, and the date of the original diagnosis.
- A description of the diagnostic tests, methods, and/or criteria used including specific test results and standardized test scores, as well as the examiner's narrative interpretation.
- A description of the current functional impact of the diagnosed condition. This may be in the form of an examiner's narrative, and/or an interview, but must have a rational relationship to diagnostic assessments. For learning disabilities, current documentation is defined using adult norms.
- A statement indicating treatments, medications, or assistive devices/services currently prescribed or in use, with a description of the mediating effects and potential side effects from such treatments.
- A description of the expected progression or stability of the impact of the diagnosed condition over time, particularly the next five years.
- A history of previous accommodations and their impact.
- The credentials of the diagnosing professional(s), if not clear from the letterhead or other forms. Please note that diagnosing professionals cannot be family members or others with a close personal relationship with the individual being evaluated.

Documentation of cognitive impairment such as Specific Learning Disability, Attention Deficit Disorder, or physical, medical, and psychological disorders affecting learning must include a comprehensive report of psycho-educational or neuropsychological evaluation meeting specified documentation criteria. (Please see the Student Accessibility Services website for a list of criteria.) IEP or 504 plans will not be considered sufficient documentation unless also accompanied by a current and complete comprehensive report.

Documentation prepared for specific non-educational venues such as the Social Security Administration or the Department of Veteran's Affairs may not meet these criteria. Records from school divisions concerning students exiting from special education services under the Individuals with Disabilities Education Act (IDEA) will be given due consideration in determining the presence of a qualifying disability and making accommodation decisions. All documentation of disability is considered confidential and will not be released without a student's prior written consent.

Beyond the more objective determination of a diagnosed condition and its impact provided by external documentation, the College recognizes that input from the individual with this diagnosed condition is also a rich and important source of information on the impact of the condition and on the effectiveness of accommodations. Accommodation decisions are made on a case by case basis, considering the impact of a particular student's diagnosed condition within the specific context of a college-level academic environment.

Reves Center for International Studies

Stephen E. Hanson, Vice Provost for International Affairs
200 South Boundary Street
(757) 221 - 3590

The Reves Center for International Studies is the home of the office of the Vice Provost for International Affairs, the Office of International Students, Scholars, and Programs, and the Global Education Office at William & Mary. Our mission is to support and promote the internationalization of learning, teaching, research, and community involvement at W&M, and we do this through programs for international students and scholars, education abroad, and global engagement across the university.

The Global Engagement Team (GET) assists with the planning and implementation of a number of internationally focused programs, events and initiatives designed to celebrate W&M's international community and to facilitate cross-cultural exchange, as well as hosting endowed lectures and events that bring world-class scholars, analysts, artists, public figures and other distinguished guests to campus. Initiatives include publishing and promoting a variety of publications with an international angle and managing the Reves Room, which is available for internationally focused events hosted by W&M departments, offices, programs, and faculty or staff-sponsored student organizations for official events. The Global Engagement Team also manages a variety of funding opportunities to assist faculty and students undertaking international research, conference attendance and internships. Additionally GET oversees the emergency communications and 24/7 emergency response related to university-sponsored international travel, monitors international developments and assesses risk for overseas travel.

International Students, Scholars, and Programs (ISSP)

Stephen J. Sechrist, Director
200 South Boundary Street
(757) 221 - 3590

Located on the second floor of the Reves Center, ISSP supports the community of international students, scholars, faculty, and their families at William & Mary.

We do this through

- immigration and visa services, sponsoring F-1 and J-1 visas;
- programs to foster student success at W&M, such as orientation and the International Student Success Series;
- cultural programs such as the Global Friends Program which matches international students with host families in the community;
- advocacy with on- and off-campus offices, organizations, and government agencies (e.g. Social Security Administration, Department of Motor Vehicles);
- Scholarships to support students with financial hardship, fund educational opportunities (e.g. attend a conference) and recognize international student achievement

ISSP also oversees the W&M English Language Program. Through this, we provide opportunities for students from abroad to come to W&M for intensive English training. The program also supports undergraduate students through the Conversation Partner Program and the International Freshman Advantage Program.

Walk in hours are weekdays, 11 a.m.-5 p.m., throughout the year.

Tel. 757-221-3590

globe@wm.edu ; www.wm.edu/offices/revescenter/issp

Global Education Office (GEO)

Sylvia Mitterndorfer, Director
200 South Boundary Street
(757) 221 - 3594

William & Mary has long recognized its responsibility to provide a global perspective to its curriculum so students gain the international understanding necessary to be informed citizens. The university encourages students to view study abroad as an educational objective. When planned in advance and integrated into a student's on-campus academic plan, study abroad can be integral to the liberal arts education, providing cultural enrichment, personal development and intellectual challenge. Approximately 50% of undergraduate students participate in study abroad by the time they graduate.

The Global Education Office (GEO) assists students with every stage of the study abroad process, collaborates with faculty and departments to develop study abroad programs in line with the educational mission of W&M, and serves as the home for incoming exchange students. Located on the second floor of the Reves Center, the GEO facilitates the university's study abroad programs including undergraduate academic year/semester exchange and assisted enrollment study abroad programs, as well as W&M faculty-led summer and short-term study abroad programs. We administer more than 40 W&M-sponsored study abroad programs in more than 25 countries. In addition, through GEO, students have the opportunity to enroll in over 100 non-W&M study abroad programs. Thanks to the generosity of private donors, GEO also awards more than $400,000 in need- and merit-based scholarships each year. For more information on credits earned through study abroad, see the catalog section, "Transfer Credit for Enrolled Students."

William & Mary currently has tuition exchange or sponsored semester agreements with the University of Adelaide (Australia), Vienna University of Economics & Business (Austria), McGill University (Canada), Tsinghua University (China), the universities of Exeter and Nottingham and the Manchester Business School (England), Cardiff University (Wales), Institut d'Études Politiques de Lilles (France), Paul Valéry University, Montpellier III (France), Akita International, Kanazawa, and Keio universities (Japan), Leiden University (The Netherlands), St Andrews University (Scotland), the National University of Singapore and Yonsei University (South Korea). Assisted enrollment programs are offered in La Plata (Argentina), Oxford University (England), Montpellier (France) and Seville (Spain).

Summer study abroad programs are sponsored by W&M in Adelaide, Australia; Antigua; Athens and Nafplio, Greece; Beijing, China; Cádiz, Spain; Cambridge, England; Cape Town, South Africa; Florence, Italy; Galway, Ireland; Goa, India; Indonesia; Montpellier, France; Potsdam, Germany; Prague, Czech Republic; Rome & Pompeii, Italy; Santiago de Compostela, Spain and St. Petersburg, Russia.

In addition, GEO administers the Keio University/ William & Mary Cross Cultural Collaboration program, which allows for Japanese and American students to study together questions of cultural difference and national identity in Williamsburg during the summer. GEO also supports the Young African Leaders Initiative (YALI).

Walk-in hours are weekdays, 11 a.m. - 5 p.m. throughout the year.
Tel. (757) 221-3594; Fax (757) 221-3597
wmabroad@wm.edu, www.wm.edu/studyabroad

Tuition and Other Expenses [Back to Table of Contents]

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THE COLLEGE RESERVES THE RIGHT TO MAKE CHANGES IN ITS CHARGES FOR ANY AND ALL PROGRAMS AT ANY TIME, AFTER APPROVAL BY THE BOARD OF VISITORS.

Tuition and General Fees (per semester)

All degree-seeking undergraduate students will be charged the full-time tuition and fee rate for the fall and spring semesters unless they are approved by the Dean of Students Office for an underload or are part of the Flexible Degree Track (see below). Tuition for summer sessions will be charged at the per credit hour rate. In addition, a one -time registration fee of $25.00 and a one- time comprehensive fee of $55.00 will be charged for summer sessions. Students auditing courses are subject to the same tuition and fees that apply to those courses taken for credit.

	In-State	**Out-of-State**
Entering 2012-2013 Full time tuition and fees	**$7,412.00**	**$21,137.00**
Entering 2013-2014 Full time tuition and fees	**$7,994.00**	**$21,137.00**
Entering 2014-2015 Full time tuition and fees	**$8,994.00**	**$21,137.00**
Entering 2015-2016 Full time tuition and fees	**$9,769.00**	**$21,137.00**
Entering 2016-2017 Full time tuition and fees	**$10,617.00**	**$21,137.00**
Part time rates	**$400.00 per credit hour**	**$1,150.00 per credit hour**

Included in the above per-semester tuition and fees are the following general fees:

Auxiliary Services	$899.50
Intercollegiate Athletics	$916.50
Debt Services	$88.50
Student Activities	$247.00

Newly admitted to Mason School of Business Program Fees:
Majors Program $1500.00 (per semester)
Minors Program $750.00 (per semester)

Students carrying an approved underload may receive a reduction in tuition but must pay the full mandatory general fees. Flexible Degree Track students will be charged based on credit hour status (full-time or part-time). Flex track students registered for 12 or more hours will pay the full-time undergraduate tuition and fee rate.

Special Fees and Programs

Additional fees are charged for Applied Music lessons, science labs, art, some Kinesiology courses, etc.

The Applied Music lesson fee is $400.00 per credit hour. Students who take music lessons during the add/drop period prior to adding or dropping an Applied Music course will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee ($400.00), for each lesson a student receives.

Fees for special courses are determined by the demand and arrangements, which are necessary to support such courses. Classes carrying fees have a notation in Banner Self-Service, "Additional Fees" and the amount of the fee can be seen in the Class Detail screen for each section.

Special fees are non-refundable.

Additional tuition and fees may be charged for some special programs at the College.

Students who plan to participate in William and Mary study abroad programs are required to register with the Global Education Office. All college students in good academic, social and financial standings are eligible to participate.

Billing

The Bursar's Office generates eStatements each month for any account with a previous balance or with new activity. Payment is due in full by the due date on the statement.

Included on the eStatement are charges for tuition and fees, room, meal plans, and other miscellaneous charges such as printing, lab fees, music fees, tutoring fees, orientation fees, etc. Student account charges are due by the established payment deadlines. Failure to pay the balance due and/or to provide the required information for pending financial aid by the established payment deadlines may result in the assessment of a late fee, the loss of financial aid and/or a restrictive hold being placed on the student's account.

For currently enrolled students, the eStatement is generated electronically. No paper bills are issued to students or parents.

An email is sent to the student's W&M email address and to the authorized payer's email address (provided in eServices) when a bill has been generated and is ready for viewing. As a reminder, it is a violation of the College's Acceptable Use Policy to provide your password to a third party under any circumstances. Third parties may be set up as authorized users in Banner Self Service/eServices.

Students who choose to participate in the College's monthly payment plan will not be issued a monthly billing statement. Due dates for tuition plan participants are established at the time of enrollment in the tuition payment plan.

Visit www.wm.edu/offices/financialoperations/sa/index.php for more information

Payments

Payment of Student Account

Charges for tuition and fees, residence hall, meal plan and miscellaneous fees are payable by the due date each semester. Registration is not final until all fees are paid and may be canceled if a student's account is not paid in full by the due date, as established by the Office of the Bursar. Accounts not paid in full by the established due date will be assessed a late payment fee of 10% of the outstanding balance up to a maximum of $100.00.

Study abroad fees, due dates, and late fees vary. Please consult the Global Education Office website for details (www.wm.edu/studyabroad).

Payment Methods

Payment may be made in U.S. dollars only by cash; check, money order or cashier's check made payable to The College of William & Mary. Payments by cash or check are accepted at the Cashiers Office in Blow Hall. Payment by check may also be made via the U.S. Postal Service. A check returned by the bank for any reason will constitute nonpayment and may result in late fees or collections. Payment online via credit card--American Express, Discover, VISA and MasterCard--is also available in eServices. Credit cards are accepted for online payments only. The College does not accept credit cards for 'in-person' payments or over the phone. A convenience fee is charged for payments made via credit card. Payment may also be made online via an electronic (web) check. There is no fee for paying online via electronic (web) check. Additional information may be obtained from the Bursar's Office website at http://www.wm.edu/offices/financialoperations/sa/index.php

Any past due debt owed the College, (telecommunications, emergency loans, parking, health services, library fines, etc.), may result in late fees or collections, withholding of transcripts and diplomas, and non-conferral of degree. In the event a past due account is referred for collection, the student will be charged all collection and litigation costs, as well as, the College's late payment fee.

Tuition Payment Plans

To assist with the payment of educational costs, the College offers the option of an Interest-Free Monthly Payment Plan for the fall and/or spring semesters of the academic year. This monthly payment plan allows you to spread your expenses for tuition, room and board, and other miscellaneous expenses charged on the student account into 4 monthly installments per semester. A non-refundable application fee in the amount of $50.00 per semester is charged during the enrollment process for the payment plan.

Additional information, including plan highlights and FAQs, may be found on the Bursar's Office website at www.wm.edu/eservices under the "Tuition Payment Plan" link.

Credit for Scholarships

Students who have been awarded financial aid are required to pay any amount not covered by the award by the established semester payment due date to avoid being charged a late payment fee. The Office of the Bursar must receive written notification of any outside scholarship from the organization before the credit can be given towards tuition and fees.

Withdrawal Schedule and Refunds

Full-time Students Who Withdraw from the College Fall/Spring Semesters

Full-time students who withdraw from the College are charged a percentage of the tuition and fees based on the school week within which the withdrawal occurs. A school week is defined as the period beginning on Monday and ending on the succeeding Sunday. The first school week of a semester is defined as that week within which classes begin. Full-time students who withdraw

from the College within the first school week of the semester are eligible for a refund of all payments for tuition and fees less the required enrollment deposit for entering students. After week 1 of the semester, the amount of the tuition and fees charged /refunded will be determined based on the following schedule:

Week	Percentage Charged	Percentage Refunded
1	0%	100%
2	20%	80%
3	30%	70%
4	40%	60%
5	50%	50%
6	60%	40%
After week 6	100%	0%

Students will not be eligible for any refund of tuition and general fees if required to withdraw by the College.

Please visit the sections on “Registration and Withdrawal” and “Withdrawal from the College” within “Academic Regulations” for instructions on the withdrawal process.

Refund of the room rent will be prorated based on the date the resident officially checks out of the room with required paperwork completed by a Residence Life staff member. The Freedom, Gold 19 and Gold 14 meal plan adjustments will be prorated on the daily rate given the last day of usage. The Block meal plan adjustments will be based on actual meal and flex point usage. The cut-off date for receiving a refund for a meal plan follows the full-time withdrawal schedule.

Overpayments on the student account created by federal loans or grants will be automatically refunded following federal guidelines. (Within 2 weeks after fund disbursement)

Overpayments created by Parent Plus Loans will be refunded to the parent unless the parent designates the student as the recipient during the loan application process.

If an overpayment shows on a student's account and it is not created by federal financial aid, the student is required to request a refund (https://forms.wm.edu/516/) from the Bursar's Office. If a request is not filed, the overpayment will remain on the student's account as a credit for the next semester or to offset additional charges which the student incurs.

Refunds for overpayments are issued as:
1 Direct deposit to your bank account if you have signed up for eRefund via eServices
2. A paper check mailed in the following address priority;
-CSU or GSH Box
-Local Address
-Permanent Mailing Address

Paper checks are issued to the most current address in Banner. It is the responsibility of the student to update their addresses by logging into Banner self-service.

For students paying through the tuition payment plan, all refunds will be determined by comparing the amount eligible for refunding to the total monthly payments made to date. Any outstanding amounts owed the College for tuition, general fees, dormitory fees or meal plan charges after deducting the eligible refund will be due immediately upon withdrawal.

It is College policy to hold the enrolled student liable for charges incurred, therefore in the case of refunding any overpayment, refund checks will be issued in the name of the student. Students who have received financial aid may be responsible for repaying those funds (see Withdrawal Schedule for repayment schedule).

Flexible Degree Track Students who withdraw from the College

Flex Track students who withdraw from the College within the first school week of the semester are eligible for a full refund of tuition and fees. After the first week, the amount of the tuition and fees to be charged will follow the full-time withdrawal schedule.

Students will not be eligible for any refund of tuition if required to withdraw from the College.

Flexible Degree Track Students who withdraw from a course

A Flex Track student who withdraws from a course after the add/drop period and remains registered for other academic work will not be eligible for a refund.

Summer Sessions

Students who drop their course(s) during the session drop/add period will not be assessed any tuition for the course(s). Students who withdraw from a course or courses after the add/drop period for the course session will not be eligible for any adjustment of tuition and fees.

Study Abroad Programs

Please contact the Global Education Office at wmabroad@wm.edu or 757-221-3594 to inquire about summer session refunds.

Special Fees Refunds

Fees for special courses are determined by the demand and arrangements, which are necessary to support such courses. Classes carrying fees have a notation in Banner Self-Service, "Additional Fees" and the amount of the fee can be seen in the Class Detail screen for each section.

Special fees are non-refundable.

Financial Aid Repayment Schedule

The return of Title IV funds for students with Title IV Federal Aid (Federal PELL, Direct Federal Subsidized and Unsubsidized Loans, Federal SEOG, Federal Work Study, Federal Perkins, Direct Federal PLUS, and Grad PLUS) who withdraw from school will be calculated in compliance with Federal regulations. A statutory schedule is used to determine the amount of Title IV funds a student has earned as of the date the student withdraws or ceases attendance. Please be advised that the Federal return of funds calculation has a different percent of attendance schedule than the College's withdrawal policy.

If a student withdraws from college prior to completing 60% of a semester, the Financial Aid Office must recalculate the students eligibility for all funds received, including Title IV funds. Recalculation is based on a percent of earned aid using the following Federal Return of Title IV funds formula:

Percent of aid earned = the number of days completed up to the withdrawal date, divided by the total days in the semester. (Any break of five days or more is not counted as part of the days in the semester.)

For Title IV purposes, the withdrawal date will be the date of notification of intent to withdraw, which may be earlier than the withdrawal date for the purpose of tuition reimbursement. If a student does not formally withdraw but ceases to attend classes, the withdrawal date under Title IV will be the mid-point of the semester.

Funds are returned to the appropriate federal program based on the percent of unearned aid using the following formula:

Aid to be returned = (100% minus the percent earned) multiplied by the amount of aid disbursed toward institutional charges.

Keep in mind that, when funds are returned, the student borrower may owe a balance to the College. If that is the case, the student should contact the Student Accounts/Bursars Office to make payment arrangements.

Examples of Return of Funds Calculation

Example 1: Virginia undergraduate who lives on campus

Institutional Charges	
Tuition	$6935
Housing	$2838

Financial Aid Package	
Pell Grant	$1500
Direct Subsidized Loan	$1887
State Grant	$3086

The student withdraws on 10/20, which is day 57 out of 116 in the semester (57/116=49.1% of Title IV funds earned by the student). Title IV funds = $3387 ($1500 Pell + $1887 Sub Stafford). $3387 X 49.1% = $1663.02 of earned Title IV funds. The remainder of funds unearned $3387-$1663.02 = $1723.98 will be returned to Federal programs. The state grant will be reduced using the same formula; $3086 X 41.1% = $1268.35 earned and $1817.65 of the state grant.

Example 2: Out of state student not living on campus

Charges	
Tuition	$19220

Financial Aid Payments	
Direct Subsidized Loan	$807
Direct Unsubsidized Loan	$1860
Perkins Loan	$750
FA Grant	$9076

The student withdraws on 10/27 which is day 64 out of 116 in the semester (64/116=55.2% of Title IV funds earned by the student). Title IV funds = $3,417 ($807 Sub Stafford + $1860 UnSub Stafford + $750 Perkins Loan). $3,417 X 55.2% = $1886.18 of earned Title IV funds. The remainder of funds unearned $3,417 - $1886.18 = $1530.82 will be returned to Federal programs. The FA grant will be reduced using the same formula; $9076 X 55.2% = $5009.95 earned and $4066.05 unearned.

William and Mary must return $1531 to the Direct Unsubsidized Loan and $4066.05 of the FA grant.

Eligibility for In-State Tuition Rate

To be eligible for in-state tuition, a student must meet the statutory test for domicile as set forth in Section 23-7.4 of the Code of Virginia. Domicile is a technical legal concept. In general, to establish domicile, students must be able to prove permanent residency in Virginia for at least one continuous year immediately the first official day of classes, and intend to remain in Virginia indefinitely after graduation. Residence in Virginia for the primary purpose of attending college does not provide eligibility for in-state tuition. Applicants seeking in-state status must complete and submit the "Application for Virginia In-State Tuition Privileges" by the first day of classes of the semester for which In-state eligibility is sought. The application is evaluated and the student is notified in writing if the request for in-state tuition is denied.

Under Virginia law, students under age 24 are rebuttably presumed to be dependent on a parent/guardian, and, unless an exception is identified, the parent/guardian's domicile status determines the student's tuition rate.

Special rules apply to non-U.S. citizens; contact the Registrar's Office for details or visit www.wm.edu/registrar.

A matriculating student whose domicile has changed may request reclassification from out-of-state to in-state. Students seeking reclassification must complete and submit the "Application for Virginia In-State Tuition Privileges" to the Office of the University Registrar. The Office of the University Registrar evaluates the application and notifies the student only if the request for in-state tuition is denied. Any student may submit in writing an appeal to the decision made, however, a change in classification will only be made when justified by clear and convincing evidence. All questions about eligibility for domiciliary status should be addressed to the Office of the University Registrar, (757) 221-2808.

In determining domicile the school will consider the following factors for the student and parent/guardian/spouse:

- Citizenship status
- Residence during the year prior to the first official day of classes
- Employment
- Property ownership
- Sources of financial support
- State to which income taxes are filed or paid
- Location of checking or passbook savings
- Social or economic ties with Virginia
- Driver's license
- Motor vehicle registration Voter registration

Credit hour surcharge-Students who qualify for in-state tuition privileges must pay a surcharge (generally calculated at out-of-state tuition rates) for courses taken after completion of 125% of the credit hours required for the degree. For example, for a bachelor's degree requiring 120 credit hours, this would mean that any credits taken beyond 150 (or 125% of 120) would be charged at the out-of-state rate. Certain exceptions apply, including AP/IB credits; see Section 23-7.4:F of the Code of Virginia for more information.

Additional information may be obtained from the William and Mary website at http://www.wm.edu/registrar or directly from the State Council of Higher Education for Virginia (SCHEV) at http://www.schev.edu/.

Meal Plans

William and Mary Dining Services provides a comprehensive dining program featuring a variety of meal plan options to meet the needs of each student. The two residential dining facilities on campus, the Commons and Center Court at the Sadler Center, provide all-you-care-to-eat style dining, while numerous retail options include Marketplace, Cosi, Wholly Habaneros, BBQ 1693, Argo Tea, Zime at the Law School, Monticello Cafe at the School of Education, Boehly Cafe, Aromas in Swem Library, Domino's Pizza Delivery and Tribe Square provide traditional pay-as-you-go options.

William and Mary Dining Services offers students a total of seven meal plans to choose from. The Freedom Plan, an unlimited meal plan, Gold 19 and the Gold 14 plans provide a guaranteed number of meals per week. The Block 125, Block 100, Commuter 50 and Commuter 25 provide a guaranteed number of meals per semester. All meal plans include Dining Dollars to provide flexibility and convenience. The amount of Dining Dollars varies according to the meal plan selected. Additional Dining Dollars may be purchased in increments of $10 and added to your meal plan at any time during the semester.

The College requires that all students residing in campus-managed property purchase a meal plan. Freshmen and sophomores are required to purchase the Freedom, Gold 19, or Gold 14 plan. Juniors are required to purchase the Freedom, Gold 19, Gold 14 or Block 125 and seniors additionally may choose the Block 100. Students residing in Ludwell, Tribe Square, Cabell and Nicholas can select from any available meal plan, including the Commuter 50 and Commuter 25. If a meal plan is not selected by July 1, the Gold 19 will be automatically applied to the Student Account. For meal plan purposes a freshman is defined as any student who has not yet completed two semesters of full time study and is in his or her first year of residence at the College, a sophomore is defined as any student who has completed two semesters of full time study and is in his or her second year of residence at the College, a junior is defined as any student who has completed four semesters of full-time study and is in his or her third year of residence at the College and a senior is defined as any student who has completed six semesters of full-time study and is in his or her fourth year of residence at the College. To select a meal plan, visit www.wm.edu/dining. Meal plans selected in the Fall automatically roll over to the Spring semester, however, Dining Dollars do not roll from one semester to the next. Students may change their meal plan through the official add/drop period at the beginning of each semester. Changes and/or cancellations after the add/drop period must be approved by the Meal Plan Petition Committee. All meal plans are non-transferable and are intended for individual use only. For additional information about meal plans, visit www.wm.edu/dining

William & Mary Bookstore

The William and Mary Bookstore, operated by Barnes & Noble College Booksellers, offers new, used, digital and rental textbooks for all William and Mary courses. In addition to required textbooks, the bookstore has recommended school and dorm room supplies. The Bookstore is also the official source for W&M clothing, gifts, class rings, graduation regalia and commencement announcements. Computers for the Student Laptop Program are available from the bookstore and are serviced on campus by William & Mary Technology Support Center. The College Café located on the second floor of the bookstore, proudly serves Starbucks coffee and offers a varied assortment of baked goods, sandwiches, salads and other lunch and dinner options. A variety of author appearances, readings, children's occasions, and other special events are held throughout the year. *Students receive a 20% discount on W&M clothing purchases with a valid W&M ID card.* The Bookstore accepts cash, the W&M Express card, all major credit cards and Barnes & Noble gift Cards.

William & Mary Student ID Card (TribeCard)

The William and Mary student identification card is the College's official form of identification prepared by Tribe Card Services for each student. It functions as a campus meal card, library card, an entry or access card to residence halls, recreational facilities, academic buildings, and the Student Health Center. Student ID cards are not transferable and are intended for the sole use of the student to whom it is issued. An ID used by anyone other than its owner will be confiscated and the person using the ID may be subject to disciplinary action. Because cards provide access to secured buildings and financial accounts, lost cards should be deactivated immediately via tribecard.wm.edu. If the lost card cannot be deactivated, it can be reported to Tribe Card Services during business hours or to Campus Police evenings and weekends. This process also ensures that misplaced cards cannot be used by others. A $23 charge is assessed for lost, worn or damaged cards. For a complete copy of the Tribe Card policy, visit www.wm.edu/tribecard. Tribe Card Services is located in Room 169 in the Campus Center.

William & Mary Express Account

The William and Mary Express Account is a debit account linked to the student's ID card. When deposits are made to the account, students can use their ID cards to purchase a variety of goods and services both on and off campus. Deposits to the Express account may be made online, at Tribe Card Services, or and at the Value Transfer Station (VTS) machine located in Aroma's at Swem Library. The W&M Express account can be used to make purchases at the Bookstore, the Students' X-Change, the Candy Counter in the Campus Center, Dining Services, the Student Recreation Center, and to make payments at Swem Library, Parking Services and over 30 off-campus merchants. For the complete W&M Express account policy, including refund and account termination policies, visit www.wm.edu/wmexpress.

Parking

All motor vehicles operated or parked on College property, including motorcycles, motor scooters, moped, and vehicles with handicapped plates or hangtags, must be registered with the Parking Services Office. A decal is required to park on College property at all times beginning Monday, 7:30 a.m. through Friday, 5:00 p.m., except in metered or timed spaces as posted. Only under special circumstances and with prior written approval are freshmen and sophomores allowed to have cars on campus. Parking Services office hours are 7:45 a.m. - 6:00 p.m. Monday through Thursday and 7:45 a.m. - 4:30 p.m. on Friday, closed weekends unless otherwise advertised. The Motorist Assistance Program (MAP) offers assistance to stranded motorists on College property 8:00 a.m.-5:30 p.m. Monday through Friday. Registered bicycles may utilize the campus bike racks throughout campus. Bicycles found improperly chained to campus property or that pose a safety hazard, will be tagged for 24 hours then removed and impounded. For more information, please contact (757) 221-4764 or visit our website at www.wm.edu/parking. The Parking Services office is located at 201 Ukrop Way, attached to the campus parking garage.

Residence Hall Fees

Residence Hall fees vary depending on the specific building to which a student is assigned; the average cost per semester fee is $3067.00. Freshman students are required to live in on-campus housing, although students who want to live with their families within a 30 mile radius of campus may apply to Residence Life for an exception. After their freshman year, students may choose to live off campus. Residence Hall fees will be prorated on a daily basis for students acquiring on-campus housing more than two weeks after the first day of occupancy for the residence halls. Students who move out of campus housing and remain enrolled at the College will not be eligible for residence hall fee refunds unless granted a contract release by the Contract Release Committee.

Housing Cancellation Policy-Students who select housing either through a manual process or an on-line process have 24-hours from the time of their selection or acceptance of housing to cancel their housing assignment without penalty. Cancelling a housing selection during any part of the Room Selection Process removes the student from the Room Selection Process for that year. The cancellation policy does not apply to members of a Fraternity or Sorority organization who have committed to their chapter houses and it does not apply to freshman housing assignments.

After the 24-hour cancellation period and prior to August 1 the following cancellation schedule and fees apply:

Prior to April 30: If a request for cancellation is received on or before this date the student may cancel their contract but the $200 room reservation deposit is forfeited and the student is charged a $100 cancellation fee.

May 1 to May 31: If a request for cancellation is received between these dates the student may cancel their contract but the $200 room reservation deposit if forfeited and the student is charged a $250 cancellation fee.

June 1 to June 30: If a request for cancellation is received between these dates the student may cancel their contract but the $200 room reservation deposit is forfeited and the student is charged a $400 cancellation fee.

July 1 to July 31: If a request for cancellation is received between these dates the student may cancel their contract but the $200 room reservation deposit is forfeited and the student is charged a $500 cancellation fee.

Cancellation requests should be emailed from the student's William and Mary email account to living@wm.edu and include student name, student ID number, space selected and a statement requesting cancellation. Beginning August 1 students seeking to be released from their on-campus housing contract must petition the Contract Release Committee. A release may be granted only to students who can demonstrate through the written petition and supporting documentation that their situation is extraordinary and cannot be resolved in campus housing. Petitions are considered on a case by case basis and release is not guaranteed.

Incidental Expenses - The cost of clothing, travel and incidental expenses varies according to the habits of the individual. The cost of books depends on the courses taken. Books must be paid for at time of purchase. Checks for books should be payable to The William and Mary Bookstore.

Deposits and Miscellaneous Fees

Application fee	$70.00
Enrollment deposit	$150.00
Room deposit	$200.00
Orientation fee	$291.00
Room change penalty fee	$25.00

Graduation fee	$85.00

Application Fee

A non-refundable processing fee of $70 is required with an application for admission to the College for undergraduate freshmen and transfer students. If the student attends the College, this fee is not applied as credit toward their tuition and fees charges. Students applying for transfer from Richard Bland College are exempt from payment of this fee.

Enrollment Deposit

Upon acceptance for enrollment by the College, a non-refundable deposit of $150 for transfers and freshmen is required to confirm the student's intent to enroll. The deposit is applied as a credit toward tuition and fees charges.

Room Deposit

For returning students, a non-refundable deposit of $200 is required by the College to request a room. This payment is made to the cashier's window and is applied as credit toward tuition, room and board charges. Although payment of this deposit does not guarantee a place on campus, the College makes every effort to accommodate all undergraduate students who desire College housing. Students already enrolled may make this deposit at any time after December 1 of the Fall semester, but it must be paid before the designated date as established by Residence Life. No rooms will be reserved for students who have not paid a room deposit by the specified date. Entering freshmen are not required to make a room reservation deposit until they have been notified of admission to the College. Transfer and former students are required to pay the deposit upon assignment to College housing.

Orientation Fee

A non-refundable orientation fee of $ 291.00 is required of all new undergraduate degree-seeking students. The student will be billed for the fee along with the other tuition and fees obligations.

Room Change Penalty Fee

Students who change rooms without the approval of Residence Life will be charged a $25 fee and will be required to move back into the original assignment.

Graduation Fee

A non-refundable graduation fee of $85.00 (per degree) will be charged to all students after they have filed their "Notice of Candidacy for Graduation". The student will be billed for the fee along with the other tuition and fees obligations.

Transcript Fee

Official transcripts cost $7 per transcript. Payment is due at the time the order is placed. Payment must be made in U.S. dollars only by cash or check made payable to The College of William and Mary. Transcripts must be requested in writing with a student's signature or online through the National Student Clearinghouse. Request forms are available in the Office of the University Registrar, Blow Memorial Hall, online at www.wm.edu/registrar/forms/index.html, or written requests may be mailed to: The College of William and Mary, Office of the University Registrar, P.O. Box 8795, Williamsburg, VA 23187-8795, Attention: Transcripts. No transcript will be released until all financial obligations to the College are satisfied. Current and former students enrolled since 2007 may access an unofficial transcript through Banner self-service at my.wm.edu. One unofficial transcript will be generated free-of-charge upon request to the University Registrar's office per year; subsequent copies carry a $7 fee.

Financial Penalties

Failure to pay in full by the established due date(s) may result in the assessment of late fees/penalties in an amount up to 10% of the outstanding account balance. Semester payment due dates are established by the Office of the Bursar. For students electing to pay tuition and fees through the tuition payment plan, the payment due date is the first of each month beginning in August for the fall semester and January for the spring semester as detailed in the payment plan enrollment information. Failure to pay by the established due date(s) may result in late fees, referral to University Collections and Receivables, and/or referral to an outside collection agency.

Late Registration Fee

$50 for full-time students
$25 for Flex Track/part time students

A student must petition the Office of the Dean of Students to register late or register again after cancellation. If approved, payment is due in full for all debts owed the College, including a late registration fee and late payment fee.

Delinquent Accounts

An account is considered delinquent when payment has not been received by the payment due date. Once your account is considered delinquent (more than 59 days past due) with the College, we are required by the Commonwealth of Virginia to send your account to either a private Collection Agency or the Office of the Attorney General depending on the dollar amount past due.

If your account has been sent to a Collection Agency (all accounts receivable under $3,000.00 and more than 59 days past due), the following events will occur until you have paid the Collection Agency in full:
• Addition of 23% collection costs;
• Submission of your account to the Department of Taxation pursuant to the Setoff Debt Collection Act;
• Reporting of your account to all Major Credit Bureaus; and
• Placement of a hold on your William & Mary account making you ineligible for any services from the College such as registration for classes, official transcripts, or a diploma.

If your account has been sent to the Office of the Attorney General (all accounts receivable $3,000.00 and greater and more than 59 days past due), the following events will occur until you have paid the Office of the Attorney General in full:
• Imposition of interest accrual at six percent per annum from (date of initial pre-delinquency invoice or demand letter);
• Addition of 30% attorney's fees to your account balance;
• Submission of your account to the Department of Taxation pursuant to the Setoff Debt Collection Act; and
• Placement of a hold on your William & Mary account making you ineligible for any services from the College such as registration for classes, official transcripts, or a diploma.

Returned Check Fee

The return of a check issued to the College of William & Mary will result in a $50.00 returned check fee being placed on the account of the student on whose behalf the check was presented for each returned check no matter the reason. Each account will be allowed two (2) returned checks after which payment by check will not be accepted. Written notification/email on how to resolve the returned check(s) will be sent to the person whose account was affected and/ or the maker of the check.

A hold will be placed on the account affected, until the returned check has been redeemed (made good). If the returned check(s) have not been redeemed by the deadline, an additional 10% (up to $250.00) late fee will be levied, and the College will begin its collection proceedings as stated within the guidelines of the Department of Accounts, Commonwealth of Virginia.

Important Note: *A returned check may automatically result in a hold on the account affected, which may preclude participation in any or all of the following activities: further check writing privileges, class registration, receipt of grades, issuing transcripts, and/or diplomas.*

Returned Electronic Payment Policy

Payments made online through eServices by credit card and/or echeck which are returned for any reason will result in a $50.00 returned payment charge being assessed on the student's account at the College.

A hold will be placed on the account affected, until the returned check has been redeemed (made good). If the returned check(s) have not been redeemed by the deadline, an additional 10% (up to $250.00) late fee will be levied, and the College will begin its collection proceedings as stated within the guidelines of the Department of Accounts, Commonwealth of Virginia.

Returned Check Payment Methods

1. Cash-Pay in person at the Bursar's Office. Obtain a cash register receipt for your records. DO NOT MAIL CASH.
2. Certified Funds -Make cashier's check, money order, or other certified funds payable to the College of William & Mary. Include your name, ID#, current address, and phone number on the face of the check.
3. Deliver in person or mail certified funds to the following address:

   The College of William & Mary
   Attn: Bursar's Office / Renee Schofield
   P.O. Box 8795
   Williamsburg, VA 23187-8795

Academic Regulations [Back to Table of Contents]

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The Honor System

Among the most significant traditions of The College of William and Mary is the student-administered honor system. The honor system is based upon the premise that a person's honor is his or her most cherished attribute. The Honor Code outlines the conduct that cannot be tolerated within a community of trust. Prohibited conduct is limited to three specific areas of lying, cheating and stealing. The Honor Code is an agreement among all students taking classes at the school or participating in the educational programs of the college (e.g., study abroad or internship activities) not to lie, cheat or steal. This agreement is made effective upon matriculation at the college and through the student's enrollment even though that enrollment may not be continuous. A complete description of rights and responsibilities can be found in the *Student Handbook*.

Class Attendance

An education system centered upon classroom instruction is obviously predicated on the concept of regular class attendance. In support of this concept, the following principles are to be observed:

1. Except for reasonable cause, students are expected to be present at all regularly scheduled class meetings, including their last scheduled class in each of their courses preceding and their first scheduled class in each of their courses following the fall break, Thanksgiving, semester break, and spring holidays.
2. Students whose attendance becomes unsatisfactory to the extent that their course performance is affected adversely should be so informed by their instructor and reported to the Dean of Students.
3. Each student is responsible for notifying professors of absences, and faculty may call the Dean of Students Office to ask for verification of absence-related circumstances. In view of the Honor Code, a student's explanation of class absence should be sufficient in most instances.
4. Students who will miss classes due to personal difficulties or family emergencies should contact the Dean of Students Office as soon as possible.

Final Examinations

A final examination is an important part of the evaluation of each student's work and is expected in all courses except seminars, colloquia, studio, or writing courses where final examinations may be unnecessary or inappropriate. The final examination schedule can be viewed at www.wm.edu/registrar.

The time allocated for in-class final examinations is three hours, unless a shorter time is specified in the course syllabus. The deadline for returning take-home final examinations is the scheduled examination date for that class.

Except in narrowly defined circumstances, changes in the examination schedule are not allowed. Requests to reschedule a final examination may be made when a student has three scheduled final examinations in four consecutive exam periods on consecutive days, when there is a conflict between a student's scheduled examinations, or when a student wishes to take an examination with a different section of the same course. Such requests to reschedule a final examination within the examination period should be filed with the Dean of Undergraduate Studies via the Office of Academic Advising in Room 169 of Swem Library. Requests must be made by the last day of classes for the semester.

All other requests for exceptions to the examination schedule are considered as requests to defer a final examination. These requests should be filed with the Dean of Students Office, located in the Campus Center, Room 109, and may be made on the basis of illness or other extenuating circumstances (such as a death or other family emergency, conflict with a religious holiday, or participation in activities by a student representing the College). Final examinations that are deferred will be scheduled for the first full week of classes of the following regular semester. Students with deferred examinations will receive an initial grade of "I," incomplete. In this case, the "I" grade should be changed as early in the following semester as possible.

Final examinations are rescheduled or deferred only for extraordinary and compelling reasons. Students should not assume that a request is approved until they receive written approval from the appropriate dean. Individual faculty members may not grant permission to reschedule or defer a final examination.

At times, unpredictable circumstances present themselves. In such cases a student should contact the Dean of Students Office at the earliest available time to determine possible options.

Final Exams and Tests During the Last Week of Classes

Except for final laboratory examinations (including language laboratories and Kinesiology activity classes), no tests or final examinations may be given during the last week of classes or during the period between the end of classes and the beginning of the final examination period or during any reading period.

Students who are assigned tests or examinations in violation of any of these rules should contact the Dean of Undergraduate Studies in Ewell Hall, Room 124.

Academic Records

Transcripts: Transcripts of academic records for The College of William and Mary are issued by the Office of the University Registrar only upon the student's request. A fee of seven dollars is charged for each official transcript and for unofficial transcripts after the first one. Official transcripts issued to students will be placed in a signed, sealed envelope and will bear the stamp "Official Transcript Issued to Student." Official transcripts usually are prepared and released within 3-5 business days. Additional time should be allowed for requests made at the end of the semester or during registration periods. Official transcripts are typically required for admission to a college or university and frequently for employment purposes.

Official transcripts must be requested in writing with the student's signature or via the secure on-line service through the National Student Clearinghouse. Request options are listed at http://www.wm.edu/registrar. Requests may be mailed to: William & Mary, Office of the University Registrar, Attention: TRANSCRIPTS, P.O. Box 8795, Williamsburg, Virginia 23187-8795.

Currently enrolled students and graduates since 2007 may view their unofficial transcript on line via Banner Self Service.

In accordance with the 1988 Virginia Debt Collection Act, Section 2.1-735, transcripts will not be released for students who have outstanding fines or fees, nor are they viewable over the web.

Verification of Enrollment or Degrees: Requests for official verification of enrollment or degrees earned at the College should be addressed to the University Registrar's Office. Additional information is available on the University Registrar's web site at http://www.wm.edu/registrar. The College sends regular enrollment and graduation updates to the National Student Clearinghouse, which is used by many loan agencies to verify enrollment. The College cannot verify enrollment or degrees for students who have submitted a request for confidentiality.

Student Records Privacy Policy and Notification of Rights under FERPA

I. Scope

This policy applies to all students in attendance at the College of William & Mary, including the Virginia Institute of Marine Science (the university).

II. Policy

The university protects the privacy of student records in accordance with the Family Educational Rights and Privacy Act (FERPA) and the Virginia Health Records Privacy Act, and provides students with access to their own records in accordance with FERPA.

A. Student Records Rights.

FERPA affords students certain rights with respect to their education records, and defines situations in which the university can release information from student records with student consent. Education records, under FERPA, are documents, files, and other materials that contain information directly related to a student and are maintained by the university or a university agent. Student rights include:

1. The right to inspect and review the student's education records within 45 days after the day the university receives a request for access. A student should submit to the University Registrar's Office a written request that identifies the record(s) the student wishes to inspect. The school official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the school official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.

   Students who are citizens of Virginia also have rights to their records under the Virginia Freedom of Information Act. Information about the process for requesting records under the Act, and the university's obligations, is provided in the university's Freedom of Information Act Policy.

2. The right to request the amendment of an element of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.

   A student who wishes to request an amendment should write the university official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.

   If the university decides not to amend the record as requested, the student will be notified in writing of the decision and of the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

3. The right to provide written consent before the university discloses personally identifiable information (PII) from the student's education records, except to the extent that FERPA authorizes disclosure without consent. The types of disclosures permitted without student consent are described in Section B, below.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the university to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is:

   Family Policy Compliance Office
   U.S. Department of Education
   400 Maryland Avenue, SW
   Washington, DC 20202

See also Section C, below, for a discussion of other university policies relating to student records.

B. Disclosures Permitted Without Student Consent.*

FERPA permits the disclosure of PII from a students' education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to school officials (item 1 below), disclosures related to some judicial orders or lawfully issued subpoenas (item 8 below), disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures.

William & Mary may disclose PII from a student's education records without obtaining prior written consent of the student under the following circumstances:

1. To other school officials whom the school has determined to have legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic, research, or support staff position (including law enforcement unit personnel and health staff); a person serving on the board of visitors; or a student serving on an official committee, such as the Honor Council. A school official also may include a volunteer or contractor outside of the university who performs an institutional service or function for which the university would otherwise use its own employees and who is under the direct control of the university with respect to the use and maintenance of personally identifiable information from education records, such as an attorney, auditor, or collection agent or a student volunteering to assist another school official in performing his or her tasks.

   A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the university.(§99.31(a)(1))

2. To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student's enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))

3. To authorized representatives of the U. S. Comptroller General, the U. S. Attorney General, the U.S. Secretary of Education, or State and local educational authorities, such as a State postsecondary authority that is responsible for supervising the university's State-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of Federal or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf.* (§§99.31(a)(3) and 99.35)

4. In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4))

5. To organizations conducting studies for, or on behalf of, the university, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
6. To accrediting organizations to carry out their accrediting functions. ((§99.31(a)(7))
7. To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8)). Pursuant to Virginia law, the university will disclose such information, if certain conditions are satisfied, as described under Section C(2) below.
8. To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
9. To appropriate officials in connection with a health or safety emergency, subject to §99.36. Under this exception, William & Mary may disclose PII if the university determines that the person to whom the PII is to be disclosed needs the information to protect the student or other individual(s) from an articulable and significant threat to their health or safety (§99.31(a)(10))
10. To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of §99.39. The disclosure may only include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))
11. To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if the university determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the university's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14))
12. To parents of a student regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the university, governing the use or possession of alcohol or a controlled substance if the university determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))

*In addition, recent federal guidelines permit release of student information for the purpose of data collection and analysis. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities (Federal and State Authorities) may allow access to your records and private information without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is principally engaged in the provision of education, such as early childhood education and job training, as well as any program that is administered by an education agency or institution. Second, Federal and State Authorities may allow access to your education records and private information without your consent to researchers performing certain types of studies, such as Statewide Longitudinal Data Systems, in certain cases even when the university objects to or does not request such research.

Directory Information: In addition, FERPA permits the disclosure of information deemed by the university to be "Directory Information" without written consent. (§99.31(a)(11)) This information includes:

- Student name
- Current classification
- Address (permanent, local, and email)
- Previous schools attended and degrees awarded
- Telephone numbers
- Dates of attendance
- Current enrollment status
- Degree(s) earned and dates awarded
- Major(s), Minor
- Scholarships, awards, honors or special recognition
- Height, weight, and birth date of members of athletic teams
- Photograph

Students may prohibit the release of Directory Information by completing a "Request for Confidentiality" form, located on the University Registrar's website at www.wm.edu/registrar/forms. This request must be submitted in person to the Office of the University Registrar and will remain on file indefinitely until written notice is submitted by the student to remove it.

C. Additional University Policies and Practices Relating to Student Records.

1. Medical/Health Records. Medical information in student records generally is not subject to additional protections, except for records of the Student Health Center and the Counseling Center that are protected by the Virginia Health Records Privacy Act.

The Act generally prohibits the disclosure of a student's health information without the student's consent, unless an exception applies. The Health Records Privacy Act does not have a provision that permits sharing of health records within the institution similar to the "school officials" FERPA exception, but it does allow disclosure of records (other than psychotherapy notes) by the Student Health Center and Counseling Center to the university's Campus Assessment and Intervention Team. The Act also contains numerous other exceptions, including disclosures in response to a subpoena satisfying specific statutory requirements.

The Health Insurance Portability and Accountability Act of 1996 (HIPAA) does not apply to education records, even if these records contain medical information; HIPAA exempts education records from its privacy regulations, because these records are protected by FERPA.

2. Other Policies. For additional information regarding students' rights related to the release of personally identifiable information, see the University Registrar's website at http://www.wm.edu/registrar or the section entitled 'Statement of Rights and Responsibilities' in the Student Handbook. Additional university policies include the following:
    - **Release of Academic, Student Conduct, and Financial Information to Parents:** Students who wish their parents, guardians, and/or spouse to have access to academic, financial or student conduct information protected by FERPA may provide consent by completing the appropriate form in the Office of the Dean of Students. Students have the right to revoke this consent at any time. Parents of dependent students have the right to information about their children; however, they must provide tax documents if there is no release already on file with the university.
    - **Student Assessment:** William & Mary conducts periodic reviews of its curricular and co-curricular programs as part of the university's state-mandated responsibility to monitor student outcomes and assure the continuing quality of a William & Mary degree. Surveys, course portfolios (including examples of student writing), and other procedures are used to gather information about student achievement and experiences. Information collected as part of the assessment program will not be used to evaluate individual performance and will not be released in a form that is personally identifiable. Students who do not want their work to be used in institutional or program assessments must submit a letter indicating that reference to the Dean of Undergraduate Studies.
        1. First, the U.S. Comptroller General, the U.S. Attorney General, the U.S. Secretary of Education, or state and local education authorities (Federal and State Authorities) may allow access to your records and private information without your consent to any third party designated by a Federal or State Authority to evaluate a federal- or state-supported education program. The evaluation may relate to any program that is principally engaged in the provision of education, such as early childhood education and job training, as well as any program that is administered by an education agency or institution.
        2. Second, Federal and State Authorities may allow access to your education records and private information without your consent to researchers performing certain types of studies, such as Statewide Longitudinal Data Systems, in certain cases even when the university objects to or does not request such research.

Classification of Students

Academic Classification: A student's academic classification is based on total credits earned toward a William & Mary degree. These credits include both institutional and transfer hours.

Freshman 0 - 23 credits earned
Sophomore 24 - 53 credits earned
Junior 54 - 84 credits earned
Senior 85 or more credits earned

William & Mary recognizes that many students arrive having completed college credits through a variety of programs including the Advanced Placement Program of the College Board, the International Baccalaureate Program, or concurrent enrollment programs offered through their high school. These credits are reflected in the student's academic classification.

Social Classification: Definition of a degree-seeking undergraduate according to the year in which the student could be expected to graduate assuming a 4-year program following high school graduation (e.g., a new freshman in 2016 is designated as "Class of 2020"). For transfer or older students, the social class is defined by calculating or extrapolating eight semesters of full-time-equivalent postsecondary enrollment. Social Class is used for a variety of purposes, including priority registration, housing, athletic tickets, parking, meal plans, and other activities.

Enrollment Statuses

Full Time Status: Students at William & Mary are expected to remain enrolled full-time throughout their academic career. A full-time degree-seeking student must register for at least 12 and not more than 18 credits each semester. (Audits do NOT count toward the 12 credit hour minimum required for undergraduate students.) The normal load for a student planning to graduate with a degree in four years is 15 credit hours per semester, or 30 credits each academic year. An academic year is comprised of the Fall semester and the Spring semester but does not include the Summer Session. Work successfully completed during a Summer Session is counted toward the 120 academic credits required for graduation, as is the case with transfer or advanced placement credit. Students on academic probation are limited to a maximum of 16 credits per semester.

Petitions for underloads or overloads, when warranted by special circumstances, may be granted by the Committee on Academic Status; these petitions should be made in writing to the Dean of Students Office on the form located at http://www.wm.edu/offices/deanofstudents/alpha_forms/cas/index.php. For details regarding Overloads or Underloads, and the deadlines for petitioning, see the appropriate section below. Students submitting petitions for academic exceptions should continue to attend all classes until notified by the Dean of Students Office that the exception has been granted.

Medical Underload: Students unable to undertake a full academic schedule for medical and/or mental health reasons may petition for a medical underload. Petitions for underloads must be submitted to the Medical Review Committee (a sub-committee of the Committee on Academic Status) through the Dean of Students Office. The granting of a medical underload may be contingent upon additional restrictions or requirements. If granted, medical underloads normally do not result in any refund of tuition or fees. Inquiries regarding refunds should be directed to the Office of the Bursar. Students carrying a medical underload will be expected to meet the continuance regulations in this catalog.

Underload: Students must request approval from the Committee on Academic Status through the Dean of Students Office to carry fewer than 12 earned hours during a regular semester. Audited classes do not count toward the 12 earned hours, but do count toward the 18 credit hour maximum allowed for undergraduate students. Students carrying an unauthorized underload are subject to withdrawal after the add/drop period, can be placed on probation by the Committee on Academic Status, and/or can be referred to the Office of Student Conduct for failure to comply with College rules and regulations. Students must pay full tuition and fees if they are carrying an unauthorized underload. An unauthorized underload counts as a full semester toward the 10-semester rule. Students carrying an underload approved before the end of add/drop may receive a reduction in tuition, but pay full student fees. Students who are considering a petition for underload should consult with scholarship/financial aid and insurance providers to make certain they understand all the financial implications of a reduction in load. Students carrying an underload will be expected to meet the continuance regulations in this catalog. Requests for underload should be submitted through the Dean of Students Office preferably within a period of five days before the first day of registration for the semester in question, but not later than two days before the end of the add/drop period.

Overload: Requests to enroll for more than 18 hours must be submitted to the Committee on Academic Status through the Dean of Students Office preferably no later than two days before the end of the add/drop period. First-semester students are not permitted to carry overloads. Students wishing to add courses for audit that will cause them to carry more than 18 registered hours must also petition for an overload. Overloads of more than 20 credits will be granted rarely and only for extraordinary circumstances.

Summer School: Summer school at William & Mary consists of two five-week sessions. Students may not take more than eight hours per session. Requests for overloads must be approved by the Committee on Academic Status. After the end of the add/drop period, students carrying unauthorized overloads will be dropped from the last class added. Summer School information is available in March of each year on the University Registrar's web site. Additional information is available from the Office of the University Registrar.

Enrollment in Graduate Courses: An undergraduate student may take courses at the College numbered 500 or above for undergraduate credit to be counted toward the bachelor's degree provided that:

1. **The student has a grade point average of at least 2.5 overall and 3.0 in the subject field of the course;**
2. **The student has the appropriate prerequisites;**
3. **The material offered in the course is relevant to the student's program and is not available in the undergraduate curriculum;**
4. **The student obtains prior approval of the instructor, the department chairperson, the Graduate Dean of Arts and Sciences, and the Committee on Degrees; and**
5. **The student shall not receive graduate credit for the course.**

Undergraduate students who have a grade point average of at least 3.0 may take for graduate credit in their senior year up to six hours of courses normally offered for graduate credit, provided that these hours are in excess of all requirements for the bachelor's degree and that the students obtain the written consent of the instructor, the chair of the department or dean of the School, Dean of Undergraduate Studies, and the Graduate Dean of Arts and Sciences, at the time of registration. Such students will be considered the equivalent of unclassified (post baccalaureate) students as far as the application of credit for these courses toward an advanced degree at the College is concerned.

Registration and Withdrawal

Continuing students should register for their courses in April for the fall semester and in November for the spring semester. Complete registration instructions are available on the University Registrar's web site at http://www.wm.edu/registrar in October for the spring semester and in March for summer school and fall semester. The Office of the University Registrar also coordinates registration for incoming freshmen and transfer students.

Add/Drop: For a period after the beginning of classes a student may add or drop courses. Deadlines and procedures for adding and dropping courses are available on the University Registrar's web site at http://www.wm.edu/registrar. Students who wish to add or drop classes must do so on or before the published deadlines. Unless correct procedures are followed, course changes have no official standing and will not be recognized as valid by the College. Courses dropped during the add/drop period are not displayed on the student's academic transcript. A student may not add or drop a course after the last day of add/drop except in unusual circumstances. In these cases, the student must submit a petition to the Committee on Academic Status. Petition forms are available through the Dean of Students Office. Petitions to add or drop a course must have the consent of the instructor. The faculty advisor's recommendation may be solicited as well.

Withdrawal from Course(s): After the add/drop period, students may withdraw with a grade of 'W' from a course through the ninth week of classes. The exact deadline is available on the semester combined calendar at https://www.wm.edu/registrar/acad-calendars.php. Students who withdraw from one or more courses must maintain a course load of at least 12 credits and must follow procedures established by the Office of the University Registrar. No other withdrawals are permitted without the approval of the Committee on Academic Status. The petition form is available at http://www.wm.edu/offices/deanofstudents/alpha_forms/cas/index.php. Petitions for late withdrawal will be approved only for extraordinary reasons.

Withdrawal from the College: A student who desires to withdraw completely from the College after the semester begins must apply to the Dean of Students Office for permission to withdraw before the end of the ninth week of the semester. A student who acts in that time frame can be confident of approval. After the ninth week, withdrawal is allowed only for unusual circumstances. Students who wish to withdraw after the deadline should consult with the Dean of Students Office. Students may provide either oral or written notification of the intent to withdraw, but must also complete the application for withdrawal process to formally withdraw. Failure to be officially withdrawn can result in grades of 'F' for all courses carried in that semester. Students who withdraw from the College in the first five full weeks of the semester are generally eligible for a partial refund of tuition and fees. Students on financial aid should always consult with the Office of Financial Aid, and students using VA benefits should always consult with the Office of the University Registrar, before withdrawing. Questions about refunds should be directed to the Office of the Bursar. For information regarding refund deadlines see Tuition and Other Expenses, Withdrawal Schedule.

Students who wish to withdraw from the College for the upcoming semester must complete the withdrawal form and an exit interview with the Dean of Students Office prior to the beginning of that semester. Such action results in cancellation of registration and housing for the following semester. It also assures that no charges will be assessed for the following term.

Medical Withdrawal from the College: Students unable to complete the requirements for registered classes in a semester due to medical or mental health reasons may petition for a full medical withdrawal from the College before the last day of classes through the Dean of Students Office. The Medical Review Committee (a sub-committee of the Committee on Academic Status) reviews this request and supporting documentation. If approved, the full medical withdrawal removes the semester from counting in the College's 10 semester rule. Such action results in cancellation of registration and housing for the following semester.

Students who wish to take transfer credits while on a medical leave are cautioned to take no more than 6-8 credits, due to the expectation that the student will be addressing medical needs while on leave.

Readmission following a full medical withdrawal is not automatic and involves a clearance procedure which includes submission by the student of all necessary documentation addressing the behaviors or conditions which caused the original withdrawal. The student is expected to begin the clearance process not later than July 15 for Fall Semester, November 15 for Spring Semester, and April 15 for Summer Session. Readmission may be contingent upon additional restrictions or requirements for the student's safety and success. See "Withdrawal from the College" for additional information.

Withdrawal from the College for Students Called to Active Duty in Service to the United States: The Dean of Students Office assists students called to active duty during or between semesters, or prior to matriculation at the college. A description of the options available and the tuition refund policy can be found at http://www.wm.edu/offices/deanofstudents/academicpolicies/activeduty/index.php.

Academic Suspension from the College: Students who fail to meet applicable probationary standards or continuance requirements will be suspended from the College. For details of requirements, see the Catalog section, "Continuance Standards."

Readmission to the College: Students who withdraw from the College for personal reasons (excluding academic suspension, medical withdrawals, or required withdrawals) are eligible to apply for readmission through the Dean of Students Office. The deadlines for readmission are July 15 for the Fall Semester and November 15 for the Spring Semester. The applications for readmission can be found at http://www.wm.edu/offices/deanofstudents/alpha_forms/readmission/index.php.

System of Grading

Letter Grade	Quality Points Per Credit Hour	Meaning	Credit Earned	Used to Calculate GPA?
A	4.00	Excellent	Yes	Yes
A-	3.70		Yes	Yes
B+	3.30		Yes	Yes
B	3.00	Good	Yes	Yes
B-	2.70		Yes	Yes
C+	2.30		Yes	Yes
C	2.00	Satisfactory	Yes	Yes
C-	1.70		Yes	Yes
D+	1.30		Yes	Yes
D	1.00		Yes	Yes
D-	0.70	Minimal Pass	Yes	Yes
F	0.00	Failure	No	Yes
P		Pass	Yes	No
W		Withdraw	No	No
WM		Medical Withdraw	No	No
G		Deferred Grade	No	No
NG		Grade Not Reported by Instructor	No	No
I		Incomplete	No	No
R		Indicates WRIT 101 course must be repeated	No	No
O		Satisfactory Audit	No	No
U		Unsatisfactory Audit	No	No

Repeated Courses: Certain courses are specifically designated in the College catalog as courses that may be repeated for credit. With the exception of these specially designated courses, no course in which a student receives a grade of "A", "B", "C", "D", "G", "I" or "P" may be repeated except as an audit. Any course in which a student receives a grade of "F", "R" or "W" may be repeated for a grade; if a course with a grade of "F" is repeated, both the original grade of "F" and the grade earned in the repeated course will be included in calculating the student's Grade Point Average. Students are responsible for ensuring they do not register for a non-repeatable course more than once.

Incomplete Grades: An incomplete grade indicates that an individual student has not completed essential course work because of illness or other extenuating circumstances. This includes absence from the final examination and postponement of required work with approval of the instructor. It is the student's responsibility to make arrangements with the instructor to complete the work by a specified date (first full week of the upcoming semester for deferred examinations). "I" automatically becomes "F" if the work is not completed by the last day of classes of the following regular semester, or if the postponed work has not been completed satisfactorily by the date specified by the professor. Incomplete grades granted because of a deferred exam should be changed early in the following semester. The instructor may grant a one-semester extension under exceptional circumstances; after this extension, the "I" reverts to an "F" if sufficient work is not completed to warrant assignment of another letter grade by the instructor. A degree will not be conferred if an incomplete ("I") grade is on the student's record.

Pass/Fail: Degree-seeking academic juniors and seniors may elect to take one normally-graded course in Arts and Sciences or Education for undergraduate credit on a Pass/Fail basis during each of the Fall and Spring semesters (Pass/Fail option is not available during the summer or winter sessions). This option must be selected during the add/drop period. Selecting Pass/Fail is irrevocable after the add/drop period has ended. In unusual circumstances, students may submit petitions to request a change in the grading option after the add/drop period to the Committee on Degrees.

Courses taken on a Pass/Fail basis may not be used to satisfy general education (GER or COLL), proficiency, minor or major requirements (including electives that are counted toward major and minor requirements), except where courses have been designated Pass/Fail by the College, such as physical activity courses in the Department of Kinesiology. However, courses taken Pass/Fail in a student's major and failed will be calculated as part of the student's major GPA and all courses taken Pass/Fail and failed will be calculated as part of the student's cumulative GPA. A student may elect to designate one normally graded course as Pass/ Fail in addition to any classes that are designated as Pass/Fail only. Non-degree-seeking students may not select the Pass/Fail option. For instructions on how to select Pass/Fail for a course via Banner Self Service, visit the University Registrar's web site at http://www.wm.edu/registrar.

Audit: Degree seeking students may audit a course after obtaining permission of the instructor on the Permission to Audit form, which is available at http://www.wm.edu/registrar. Students may not select a course for audit via web registration. Audited courses receive grades. If the student meets the requirements for auditors prescribed by the instructor, the course will be included on the transcript with the grade "O" (satisfactory audit). Where those requirements have not been met, the course will be included on the transcript with the grade "U" (unsatisfactory audit). No credit nor quality points are earned. Audits do not count toward the 12 earned credit hour minimum required for undergraduate students.

Class Rank: The College does not calculate nor report class rank for undergraduate students.

Grade Review Procedures

A student who believes that a final course grade has been unfairly assigned may request a review of the grade by the end of the sixth week of the fall or spring semester that follows the semester or summer session for which the grade was recorded. The student must first discuss the grade with the instructor. If the instructor agrees that a grade change is warranted, he or she will propose the new grade within one year of the issuance of the original grade to the appropriate dean for consideration and, if it is approved, the new grade will be entered on the student's record. No grades will be changed more than one year after initial issuance or after a student's degree is conferred, whichever comes first. If, after the discussion between instructor and student, the issue has not been resolved, the student must file a formal written statement requesting a grade review and give a full explanation of the reasons for the request. The student must send the statement to the instructor and to the chair of the department or director of the program in which the course was taught. If the student is not satisfied with the outcome of the chair's or director's review, the next step to be taken differs by School. For Arts and Sciences courses, students should consult the Dean of Undergraduate Studies; for Business courses, students should consult the BBA program director; for Education courses, students should consult the Dean of the School of Education.

Dean's List

The Dean's List refers to those full-time degree-seeking undergraduate students who have completed at least 12 credit hours for a letter grade and earned a 3.6 Grade Point Average in one semester. This recognition is noted on the student's academic transcript.

Continuance Standards

In order to graduate, students must have completed 120 credits in academic subjects with a grade point average (GPA) of 2.0 both overall and in their major. After each semester of full-time enrollment, the student must meet the minimum levels of academic progress established by the College and applied by the Committee on Academic Status. The minimum requirements for Continuance for undergraduates are the following cumulative grade points and credits earned at William & Mary, including grade point and credits earned at William & Mary summer school:

Semester at W&M	W&M Cumulative GPA	W&M Cumulative Credits
1	1.7	9
2	1.7	21
3	1.85	33
4	2.0	48
5	2.0	60
6	2.0	72

7	2.0	84
8	2.0	96
9	2.0	108
10	2.0	120

The following regulations apply to the College's Continuance policy:

- Only W&M credit will count in determining whether students are meeting Continuance Standards. Transfer, Advanced Placement (AP) and International Baccalaureate (IB) credit will not count for this purpose, although as specified by regulations in the Catalog these credits may count toward 120 credits required for graduation and toward general education and major requirements.
- Transfer students as well as freshmen begin at the College under the Continuance Standards for semester 1 in the above table.
- Students whose GPA falls below 2.0 in any semester will be placed on Academic Warning and receive a letter from the Dean of Students Office.
- Students whose academic work falls below the minimum GPA and/or earned credit Continuance Standards will be placed on probation for the following semester.
- Students on probation may not enroll in more than 16 credit hours per semester. Students who are on probation may not receive any incompletes for coursework during the semester(s) of probation.
- While on probation, students must earn a 2.0 semester GPA or better and pass at least 12 credits. Failure to do so will result in academic suspension.
- Students on probation must participate in the Academic Intervention Program administered by the Dean of Students Office during their probationary semester. Students on probation also must meet with their Academic Advisor before registering for the subsequent semester. Registration for the following semester will not be permitted until these requirements are met.
- Students on probation have two regular semesters to bring their academic work up to or beyond the Continuance Standards so long as they earn a 2.0 and pass at least 12 credits each semester. If they are unsuccessful in meeting or surpassing the Continuance Standards during their first probation semester, they remain on probation during the second semester and must participate in an Academic Intervention Program.
- Students who are placed on probation or are continuing on probation at the end of a semester but earned at least a 2.0 GPA and 12 credits during that semester will be removed from probation if they meet their Continuance Standards by the end of summer school. This applies only for work at W&M summer school. Determination of eligibility for removal from probation will be done at the end of that summer school.
- Students who do not meet the conditions for probation will be suspended from the College for academic deficiencies. Those suspended for academic deficiencies are not in good standing with the College and are not automatically eligible for readmission. The Dean of Students Office will not process an application for readmission from a student who has been suspended unless the student has been reinstated to good standing by the Committee on Academic Status.
- Students may petition the Committee on Academic Status for individual exceptions to the above Continuance Standards. (Petition Forms are available at the Dean of Students Office or on the web at http://www.wm.edu/offices/deanofstudents/topicforms/index.php.)
- Coursework taken elsewhere while not in good standing will not be accepted for transfer at the College.
- An unclassified student enrolled for 12 or more academic hours must meet the Continuance Standards applicable to the regularly enrolled student.

Continuance Standards for Flexible Track (FlexTrack) Nontraditional Degree Seeking Students: The minimum requirements for Continuance for nontraditional students are as follows:

- A minimum of 12 credits must be passed in a 12 month period.

- Students must complete within 10 years all degree requirements in effect at the time of entrance and all major requirements in effect at the time of the declaration of major.
- The Ten Semester Rule applies to all FlexTrack students.
- A 1.7 cumulative GPA must be achieved by the end of the term in which nine credits have been completed.
- A 1.7 cumulative GPA must be achieved by the end of the term in which 21 credits have been completed.
- A 1.85 cumulative GPA must be achieved by the end of the term in which 33 credits have been completed.
- A 2.0 cumulative GPA must be achieved by the end of the term in which 48 credits have been completed.
- A 2.0 cumulative GPA must be achieved by the end of each term of enrollment after 48 credits have been completed.

Reinstatement

Students who have been academically suspended and are not in good academic standing with the College, but who wish to seek readmission to William & Mary, must submit a petition for reinstatement to good standing to the Committee on Academic Status. Petitions should be made in advance of the semester of intended return (July 15 for fall, December 1 for spring, or April 15 for summer). For information on specific procedures, contact the Dean of Students Office. Reinstatement to good standing and readmission to the College are not automatic, but at the end of certain specified periods the student is eligible to seek these considerations from the Committee on Academic Status and the Dean of Students Office, respectively. A student who is suspended in January for academic deficiency may apply no earlier than April of the same year for reinstatement and readmission for fall. A student who is suspended in May is eligible to apply no earlier than October for reinstatement and readmission to be effective in the spring semester. It is extremely unlikely that a student who is suspended twice from the College for academic deficiencies by the Committee on Academic Status will ever be reinstated to good standing.

Religious Accommodations Guidelines

William & Mary urges its administrators, faculty members, and staff to be sensitive to the religious holidays of organized religions. All persons should be able to participate in the essential practices of their faith without conflict with academic requirements, as long as such practices are in accordance with state and federal regulations and consistent with safety regulations of the College. The College offers the following guidelines:

1. As soon as possible and no later than the end of the drop/add period, each student has the responsibility to inform his or her instructor of religious observances that are likely to conflict directly with classes and other required academic activities. Each student has the responsibility to arrange his or her course schedule to minimize conflicts. It is understood that when scheduling options exist for religious observances, the student has the responsibility to minimize conflicts.
2. Based upon prior agreement between the instructor and student, a student who misses a class meeting because of a scheduling conflict with religious observances should be allowed, whenever possible, to complete without penalty the work missed because of such absences. A student who is absent from a test or presentation because of the observance of a religious holiday should be able to reschedule it without penalty. Absence from a final examination requires that the examination be rescheduled through the established process for rescheduling of final examinations by the Dean of Students. Graduate students should contact the Dean of the School or his or her designee.
3. If a scheduling conflict with a student's planned absence cannot be resolved between the instructor and the student, undergraduates should inform the Dean of Students who will follow the established procedure for a class absence. Graduate students should contact the Dean of the School or his or her designee.
4. Faculty members and administrators in charge of scheduling campus-wide events should avoid conflicts with religious holidays as much as possible.

Requirements for Degrees [Back to Table of Contents]

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Undergraduate Degrees in the Liberal Arts

The College of William & Mary confers in course the following degrees, each under the jurisdiction of the Faculty or School indicated:

Faculty of Arts and Sciences

Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Master of Arts (M.A.), Master of Public Policy (M.P.P.), Master of Science (M.S.), and Doctor of Philosophy (Ph.D.).

The M.A. is offered in American Studies, Anthropology, Biology, Chemistry, History, and Psychology. The M.S. is offered in Applied Science, Biology, Chemistry, Computer Science, and Physics. The Ph.D. is offered in American Studies, Anthropology, Applied Science, Computer Science, History, and Physics.

School of Business Administration

Bachelor of Business Administration (B.B.A.), Master of Accounting (M.Acc), Master of Business Administration (M.B.A.) and Master of Science (M.S.).

School of Education

Master of Arts in Education (M.A.Ed.), Master of Education (M.Ed.) Doctor of Education (Ed.D.), Doctor of Philosophy (Ph.D.) and Education Specialist (Ed.S.)

School of Law

Juris Doctor (J.D.) and Master of Laws (LL.M.) in American Legal System.

School of Marine Science

Master of Science (M.S.) and Doctor of Philosophy (Ph.D.).

The undergraduate degrees of Bachelor of Arts and Bachelor of Science are liberal arts degrees. The term "liberal arts" refers to the sort of education that sets the mind free. A liberal education, although it has no single fixed definition, is more than a haphazard accumulation of courses. Its essential purpose is to liberate and broaden the mind, to produce men and women with vision and perspective as well as specific practical skills and knowledge. Undertaking a liberal arts education entails a commitment to experimentation. It means building on your talents and interests, but also venturing into unfamiliar subjects out of intellectual curiosity. The liberal arts ask us to think, talk, and write about diverse topics; to see questions from various angles; to challenge our assumptions, and to become acquainted with different ways of seeing the world.

A liberal education also presupposes certain proficiencies. Foremost among these is clear expression in both speech and writing, for clear thinking is useless without the ability to express those thoughts coherently and persuasively. Two more invaluable foundations of a liberal education are experience with a foreign language, and an understanding of quantitative reasoning. The proficiency requirements of the College establish basic minimums for writing, oral communication, foreign language, and quantitative reasoning. Students are encouraged to go beyond these minimums to whatever extent their ambitions and interests suggest.

Finally, in the area of the chosen major, every student is required to pursue in depth the exploration of a specific academic discipline or two or more related ones through an interdisciplinary major. Here the student has opportunities for both independent study and work in a Major Honors program.

The Faculty of Arts and Sciences of the College determines the degree requirements for the B.A. and B.S. degrees, including the determination of the regulations governing academic standards, grading and class attendance. Obligation to its educational mission gives to the College the right and responsibility, subject to the employment of fair procedures, to suspend, dismiss or deny continuance of a student whose academic achievement does not meet established College standards.

Requirements for degrees are stated in terms of credit hours that are based upon the satisfactory completion of courses of instruction. Usually one credit hour is given for each class hour a week through a semester. A minimum of two hours of laboratory work a week throughout a semester will be required for a credit hour. A continuous course covers a field of closely related material and may not be entered at the beginning of the second semester without approval of the instructor.

Credit for Pre-Matriculation Examinations

College Board Advanced Placement (AP): Entering students interested in receiving academic credit and/or advanced placement for college level work undertaken during high school should take the College Board Advanced Placement Examination. These examinations are graded by the College Entrance Examination Board on a 5 point scale.

International Baccalaureate Programme (IB): Entering students who took IB examinations as part of their high school experience may present their scores for credit consideration. These examinations are graded by the International Baccalaureate Organization on a 7 point scale. Credits are granted only based on examination results; no credit or waivers are granted for the diploma itself, although the diploma programme is recognized as a strong college preparatory curriculum.

A-Levels (A/AS): Entering students who took A-Level examinations as part of their high school experience may present their scores for credit consideration. These examinations are administered and graded by three agencies: University of Cambridge, AQA and Edexcel on a graded scale of A through C.

College Level Examination Program (CLEP): Examinations are graded on a scale from 20 to 80. Based on faculty review of examination content, the College offers equivalent course credit for those CLEP exams identified below, when a score equivalent to a "B" is earned.

DSST (formerly DANTES): Examinations are graded on varying scales. Based on faculty review of examination content, the College offers equivalent course credit for limited DSST exams.

Excelsior (UExcel) examinations: Entering students must provide Excelsior transcripts during the admission process and no later than the end of the first semester in residence at the College. Examinations are scored on a grading scale of A through F. The College does not grant credit for upper-level Excelsior examinations.

General Rules: AP, IB, and A-Level examinations must have been taken prior to high school graduation or within six months thereafter, but in all cases before entering William & Mary. CLEP, DSST, and Excelsior examinations must have been completed and scored prior to matriculation at William & Mary. Entering students must provide CLEP and DSST score reports during the matriculation process and no later than the end of the first semester in residence at the College. Credit is not granted for examinations taken after matriculation at the College nor during leaves of absence.

The policies in each department governing credit and/or advanced placement for scores on these examinations vary according to how the material covered by examinations fits the curriculum of the department. Members of the William & Mary faculty regularly review curricular documents to update the examination equivalencies.

Credit received through these pre-matriculation examinations may be applied toward proficiency, minor, and major requirements, and additional credits in the Knowledge Domains; however, they do not satisfy COLL 100, 150, 200, 300, or 400 requirements, as those courses must be taken at the College. Further, exemptions from courses may not be applied toward General Education Requirements.

The College of William & Mary grants credit or course exemptions as noted on the Pre-Matriculation Test Table for Advanced Placement, International Baccalaureate, and A-Level Examinations, CLEP, DSST, and Excelsior.

Credit by Examination

Students at the College may request academic credit for courses by examination based on prior learning. Interested students should petition the Committee on Degrees for permission to take an examination for credit. If the petition is granted, the department at the College in which the course is normally offered sets an appropriate examination and certifies the results to the registrar. The department may, at its discretion, conduct a review of course portfolio documents as part of the examination process. Students may not receive credit by examination after registration for their final semester under any of the following circumstances:

1. they are enrolled in the course at the time of the request,
2. they have previously revoked credit for the same course,
3. upper level course work in the same subject has already begun,
4. the same course has previously been failed, or
5. for any foreign language course at or below the 202 level.

Credit for Military Training

Students with prior service in the Armed Forces of the United States may present the Joint Services Transcript or other documentation to the Office of the University Registrar. Equivalencies to William & Mary courses rarely exist, but where they do, credit may be granted with departmental approval. The ACE Guide will be consulted, but its recommendations do not automatically apply.

Revoking Credits Earned Before Matriculation

The Committee on Degrees will allow students to revoke college credits earned in high school (including AP, IB, and dual enrollment), in the military, or at a previous college, if the department believes that the preparation received was inadequate to succeed in subsequent coursework. No petitions will be considered without departmental approval. Students may not revoke credit for foreign language courses. Students who have revoked credit for a course may not subsequently receive credit by examination for the course. The decision to revoke credit is final.

Transfer Credit

General Rules for Transfer Credit

1. A grade of "C" (2.0) or higher is required ("C-" is not acceptable). In the case of a course taken on a Pass/Fail basis, a grade of "P" is acceptable only when the student provides a letter from the faculty member who taught the course certifying that the student's work was at the level of C or above.
2. The course generally must have been taken at a regionally accredited institution. Consult the Registrar's Office regarding exceptions.
3. Transfer credits from institutions on the quarter system or other systems will be translated into semester credits.
4. "Equivalent" course credit is granted when the course is similar to a course presently offered for academic credit at the College. "Equivalent" transfer credits may satisfy proficiency, minor, major, and general education requirements only when they are earned pre-matriculation, or with the express preapproval of the Committee on Degrees. One exception is that modern language courses at the 101, 102 and 201 levels may count toward satisfying the language proficiency requirement even though taken at another domestic institution. This exception applies solely to these three language course levels.
5. "Elective" course credit is granted when the course is not similar to an existing William & Mary course, but is recommended for credit by an existing academic program or department at the College. Courses granted elective transfer credit will count toward the total number of academic credits required for the baccalaureate degree, but they may not be used to meet proficiency, minor, or major requirements unless approval has been granted by the College's Committee on Degrees.
6. Transfer credit will not be granted for courses that belong in one or more of the following categories:
    1. Correspondence courses
    2. Courses in professional, vocational, or sectarian religious study
    3. Courses below the level of introductory courses at the College
    4. Modern language courses that repeat the level of courses previously taken in high school or at other colleges, except if you have completed up to level III, you may receive credit for 201
    5. College orientation courses
    6. Courses taken in Armed Forces service schools or training programs, unless comparability with William and Mary courses can be demonstrated (DOD language institute courses, for example, may be eligible for transfer credit)
    7. Courses taken while a student is not in good academic standing.
7. Transfer grades do not affect degree requirements, grade point average, or class rank.
8. While there is no limit to the number of credits that may be transferred, William & Mary requires that at least 60 credit hours, including the last two full-time semesters and a minimum of 15 credits in the major and a minimum of 9 credits in the minor, be earned in residence at the College.
9. Courses must be at least four weeks long and must meet at least 12.5 hours per credit hour to be transferred back to William & Mary. Courses lasting six weeks or longer must meet for at least 32.5 hours for a three-credit course. Other courses will not receive permission from the Committee on Degrees unless the nature of the course and the special educational value of the course to the student's program are demonstrated.

Transfer Credit for Newly-Admitted Students

The Office of the University Registrar is responsible for evaluating transfer credit for newly admitted transfer students. Evaluation of transfer credit begins after a student has been selected for admission and has indicated an intention to enroll. Students should not assume that credit will be granted for all courses completed at their transfer institution.

Transfer of Credits from Virginia Community Colleges and Richard Bland College

Students transferring (not new freshmen) with an Associate of Arts, Associate of Sciences, or Associate of Arts and Sciences degree in a baccalaureate-oriented program from the Virginia Community College System or Richard Bland College are granted junior academic status (defined as at least 54 credits). An associate's degree in General Studies is not considered a baccalaureate-oriented program, unless approved as such by the State Council on Higher Education for Virginia. For a list of approved programs, contact the Office of Undergraduate Admission.

These students are considered to have completed lower-division general education requirements but still are expected to fulfill the College's foreign language proficiency and lower division writing requirement (class of 2018 and earlier); GER 4B (History and Culture outside the European Tradition), GER 6 (Creative and Performing Arts), and GER 7 (Philosophical, Religious and Social Thought) or COLL 150, COLL 200 (3 credits), and the ARTS Proficiency (class of 2019 and later); and all major requirements (See "General Education Requirements" section below). The Guide for Transfer Students from Virginia Community Colleges provides additional information and is located on the University Registrar's Office's website. Performance information concerning these transfer students will be shared confidentially with the two-year colleges from which they transfer.

New Freshmen who enter with an associate's degree earned primarily through dual enrollment credit will not be granted automatic junior status or general education requirement exemption, but they will receive credit for courses as noted in the "General Rules for Transfer Credit" section above.

Transfer of Credit from Foreign Institutions

William & Mary recognizes that international students may arrive on campus having completed studies equivalent to college courses. To be eligible for possible transfer credit, all students who have completed a 13-year secondary program or who have attended a university outside of the United States must submit translated syllabi for each thirteenth year or university course with their application for admission. Once these students have been admitted to the College and have declared their intention to enroll, they must submit an official copy, from the testing agency, of the student's final results/scores to:

The College of William & Mary
Office of the University Registrar
Attn: Transfer Credit Coordinator
PO Box 8795
Williamsburg, VA 23187-8795

Additionally, incoming students with international educational experiences may be required to send their academic credentials to the American Association for Collegiate Registrars and Admissions Officers (AACRAO) for preliminary determination of transferable credit. If an AACRAO evaluation is required, once AACRAO has determined the amount and subject of transferrable credit, the University Registrar's Office will determine exactly what credit, if any, will be granted.

Students should contact the Transfer Credit Coordinator (757-221-2823) in the Office of the University Registrar to determine whether they are required to go through AACRAO.

Application forms are available from AACRAO: One Dupont Circle NW, Suite 520, Washington, DC 22036, or 1-800-293-9161, or www. aacrao.org/credential/individual.htm

The cost of this evaluation is approximately 200.00 US Dollars. Obtaining an external evaluation does not ensure the awarding of credit.

Studying Away from the College after Matriculation

Once a student matriculates at the College of William & Mary, transfer credit for work taken elsewhere (post-William & Mary matriculation) is only granted with pre-approval and under very special circumstances. Students must be in good standing at William & Mary, both academically and judicially, in order to request or receive approval of transfer credit. Courses taken elsewhere post- matriculation at William & Mary may not be used to satisfy major, minor, proficiency, COLL or GER requirements without specific pre-authorization from the Committee on Degrees. As a result, they appear on the transcript as elective credit. One exception is that modern language courses at the 101, 102 and 201 levels may count toward satisfying the language proficiency requirement even though taken at another domestic institution. This exception applies solely to these three language course levels.

Study Abroad

William & Mary students who wish to participate in a Study Abroad program must register with the Global Education Office in the Reves Center for International Studies. Special circumstances apply:

1. Pre-approval of transfer credits by the academic departments is required for all study abroad programs except the William & Mary "faculty-led" or "faculty-assisted" programs. The transfer credit pre-approval process should be completed before the student's participation in the program abroad; find the form on the Reves Center's website.

2. While abroad, students must enroll in at least 12 credits per semester (full-time status is required). A maximum of 18 credit hours per semester may be earned.
3. For non-William & Mary programs, an official transcript must be sent to the Global Education Office in the Reves Center for International Studies immediately upon completion of the program. Transfer credits are only granted upon receipt of the official transcript, and for classes in which a "C" grade or higher is earned.
4. For departmentally-approved Study Abroad credit, earned credits may count towards a major, minor, or elective.
5. Students can satisfy COLL 300 requirements by earning at least three credits in a William & Mary sponsored international program. They may also satisfy GER and other COLL requirements on such programs where the course is designated as a COLL or GER in this catalog. For non-William & Mary "faculty-led" or "faculty-assisted" programs, students must petition the Committee on Degrees upon their return to have other courses taken abroad considered for the fulfillment of GER 4 or 5; other GERs cannot be satisfied on non-William & Mary "faculty-led" or "faculty-assisted programs. To be approved, the course must meet the criteria of the GER, must deal substantially with the country or region where the student studied, and must come with departmental post-approval. Petition may be made to the Committee on Degrees to satisfy the COLL 300 requirement in a non-William & Mary sponsored international program.
6. Grades are not posted on the William & Mary transcript, nor calculated into a student's GPA, unless the courses were taken on a William & Mary "faculty-led" or "faculty-assisted" program.

Domestic Study Away

William & Mary students who wish to enroll full-time in a specific academic experience (e.g., "New York City Term") offered by another U.S. institution may request certification as "Domestic Study Away." In this status, the student remains an active William & Mary student and may be able to use financial aid for tuition if a "consortium agreement" can be created (consult the Financial Aid Office for information). The approval process must be completed by the last day of classes for the term before the Domestic Study Away. See the Registrar's Office website for the form and instructions.

Take Courses Elsewhere-Summer

During the summer, students may take courses at another institution while between academic terms at William & Mary. Before enrolling at the other institution, the student must complete the "Permission to Take Courses Elsewhere" form on the University Registrar's Office website. It must be approved and submitted prior to the last day of spring classes. A maximum of 16 credits may be transferred for work taken during one summer.

Take Courses Elsewhere-Fall/Spring

During the regular academic term (Fall, Spring), students are expected to enroll full-time (unless otherwise approved) at William & Mary with a minimum of 12 credits. If personal circumstances or opportunities require the student to leave Williamsburg, but the student wishes to take courses while away, the student must first withdraw from the college through the Dean of Students Office, and then complete the "Permission to Take Courses Elsewhere" form.

In addition to completing the form, students seeking major, minor, proficiency, or GER credit must petition the Committee on Degrees, and students seeking internship credit must petition the Dean of Undergraduate Studies. Students who wish to take transfer credits while on a medical leave are cautioned to take no more than 6-8 credits, due to the expectation that the student will be addressing medical needs while on leave.

Pre-approval must be received before the student enrolls at the other institution. Links to the pre-approval form can be found on the University Registrar's Office's website. The student must be readmitted to the college by the Dean of Students Office before transfer credit is posted to the record.

Requirements for the Baccalaureate Degree

I. General Requirements

One hundred and twenty credit hours are required for graduation. Students must earn a minimum grade point average of 2.0 for all courses at William & Mary for which they receive grades of A, B, C, D or F. Students also must earn a minimum grade point average of 2.0 for all courses in their major(s).

Students must fulfill the general degree requirements in effect at the time of their matriculation at the College and the major requirements set forth in the catalog when the major is declared. Students who fail to graduate within six calendar years of the date of entrance to the College relinquish the right to graduate under the requirements set forth in the catalog at the time of entrance and major declaration, and must fulfill the requirements set forth in the catalog under which they re-enter the College as a degree candidate for the final time prior to graduation. If a student has not been enrolled at the College for five calendar years

or more since the end of the last semester of registration at William & Mary, the student's record is subject to re-evaluation under regulations available in the Office of the Dean of Undergraduate Studies.

Once a student's degree has been conferred, the academic record is closed and it cannot be changed or amended.

Credit Hour Residency Requirement

No degree will be granted by the College until the applicant has completed a minimum of 60 credit hours in residence at the College. This period must include the last two full-time semesters in which credits counted toward the degree are earned. A minimum of 15 credit hours in the major and 9 credit hours in the minor must be taken in residence at the College.

Ten Semester Rule

A student must complete degree requirements within 10 semesters. A fall or spring semester during which a student attempts 12 or more academic credits counts as one semester under the 10 semester rule. The number of credits attempted through summer session (at W&M or elsewhere), transfer credits earned since graduation from high school, and approved underloads are added together and divided by 15, the normal course load during a regular semester. For example, six hours attempted during Summer Session count as 6/15 of a semester. Credits earned through grades of "W", "I", and "G" are included in this calculation. AP, IB, and dual enrollment credits, as well as courses for which a student received an approved medical withdrawal, do not apply toward the 10 semester rule. As long as 10 full semesters have not been completed, a student may take a regular academic load (as well as an approved overload) in fall or spring or up to 16 credits in summer session.

Seventy-Two Hour Rule

Of the 120 credit hours required for graduation for a B.A. or B.S. degree with an Arts and Sciences major, a minimum of 72 credit hours must be earned in subject fields outside the student's primary major. In other words, no more than 48 credit hours in a single subject field may be applied toward the 120 credit hours required for graduation. Although students may earn more than 48 credit hours in a single subject, a minimum of 72 credit hours must be earned in other subject fields. For example, if an English major has 55 credit hours in English, then she or he will have to earn a total of 127 credits to graduate.

[Exceptions to the 72 hour rule occur in the East Asian Studies concentration within the Asian and Middle East Studies major (consult the "Global Studies" section); for students declaring a major in Art, not Art History (consult the "Art and Art History" section); for students pursuing a Bachelor of Business Administration, for whom at least 60 credit hours must come from Arts and Sciences academic subjects (consult the "School of Business Administration" section); and for students pursuing a secondary curriculum in Education, for whom no more than 35 credits in Elementary Education or 30 credits in Secondary Education may be applied toward the 120 credits required for a degree (one exception to this rule can be found under the School of Education Study Abroad Program).]

Credit Hour Limitations in Dance, Applied Music, Military Science, Physical Activities, and Statistics

Dance

Although students may take as many credits as they wish of dance technique and Performance Ensemble (DANC 111, 112, 115, DANC 211, DANC 212, 213, 214, DANC 261, DANC 262, DANC 264, DANC 311, DANC 312, DANC 321, DANC 322, DANC 411, DANC 412), a maximum of 14 credits may be applied toward the 120 credits required for a degree for those not minoring in Dance. For students minoring in Dance, a maximum of 16 credits of these courses may count toward the 120 credits. This limit does not include other Dance Program courses, such as dance history, freshman seminars, composition, practicum, independent projects, or Alexander Technique.

Applied Music

While students may take as many credits as they wish of applied music lessons and ensemble, a maximum of 14 credits may be applied toward the 120 credits required for a degree for those not majoring in Music.

Military Science

Students may not apply more than eight Military Science credits toward the 120 credits needed for graduation.

Physical Activity

Students may not apply more than four Kinesiology activity credits toward the 120 credits needed for graduation. Kinesiology majors are eligible to utilize a maximum of six activity credits toward graduation.

Statistics

Several departments offer introductory statistics courses: The School of Business Administration (BUAD 231), the departments of Economics (ECON 307), Kinesiology (KINE 394), Mathematics (MATH 106 and MATH 351), Psychology (PSYC 301), and

Sociology (SOCL 353). No more than two of these introductory statistics courses may be counted toward the 120 hour degree requirement, and students may receive credit for only one of the following introductory statistics courses: Econ 307, Math 351, and BUAD 231.

Notice of Candidacy For Graduation

Students who intend to graduate from the College must submit a Notice of Candidacy form to the Office of the University Registrar one calendar year prior to graduation. (For example, students who plan to graduate in May 2014 should file no later than May 2013.) Forms are located on the Registrar's web site at www.wm.edu/registrar/.

Requests for Exemption

Students requesting exemption from any of the requirements for the degrees of B.A. and B.S. must petition the Committee on Degrees. Students who wish to initiate a petition should contact the Office of the Dean of Undergraduate Studies, Faculty of Arts and Sciences. Petition forms are available on the website of the Dean of Undergraduate Studies at http://www.wm.edu/as/undergraduate/resources/index.php.

II. Course Specific Requirements

A. Foreign Language Proficiency

Students are required to demonstrate proficiency in a foreign language commensurate with the 202 level at William & Mary. A foreign language is understood to mean a natural language other than English. Completion of the foreign language requirement is accomplished in any of several ways:

1. completion of Level IV in high school of an ancient or modern foreign language;
2. a score of at least 600 in a modern foreign language or 650 in Latin on the College Board SAT II subject test taken prior to matriculation at the College;
3. completion of a college language course taught in the original language at or above the 202 level;
4. graduation from a high school where the main language of instruction was not English;
5. a score of "intermediate" or higher on the ACTFL standardized test for a language other than English.

Students seeking to demonstrate proficiency at W&M by means of options 3, 4, or 5 may petition the Registrar. Petition forms may be obtained at the Registrar's website. Petitions for fulfillment of the FLP should be completed by the end of the junior year.

Among the ancient languages in which one may demonstrate proficiency at William and Mary are Latin, Greek, and Biblical Hebrew. Students who wish to take a placement examination in Classical Greek or Biblical Hebrew should contact the Department of Classical Studies. Students may discuss with the Chair of Classical Studies the possibility of demonstrating proficiency in other ancient languages.

Unless students have completed the fourth year level in high school of a single ancient or modern foreign language, or demonstrate proficiency by achieving scores of 600 on the College Board SAT II Subject Test in French, German, Russian or Spanish, or scores of 650 on the Test in Latin, they must satisfactorily complete a fourth semester course (or above) and all necessary prerequisites in a language in college. The fourth semester course, as well as prerequisite courses taken since matriculation at the College, may not be taken on a pass/fail basis. The student may fulfill the foreign language proficiency through study abroad if 1) prior approval for the course has been obtained from the Department of Modern Languages and Literatures, and 2) the course is taken in a country where the language is the official language. The following additional placement rules apply to modern languages:

Students should fulfill their Foreign Language Proficiency requirement in their first or second year at the College.

I. If you never studied any foreign language, you should enroll in 101 of the language of your choice.

II. Placement By Years of High School Study

1. If you have completed Level I, you should enroll in 101 or 102 (possibly 103 in Italian and Spanish. See III below).
2. If you have completed Level II, you should enroll in 102 or 201.
3. If you have completed Level III, you should enroll in either 201 or 202 (possibly 203 in German, Italian and Spanish. See III below).
4. If you have completed Level IV in Arabic, Chinese, Japanese, or Russian, you should enroll in 202 or higher (no credit given for 101-201). If you have completed Level IV in French, Italian, German, or Spanish, you should enroll in the following courses: e.g., FREN 210 or FREN 212; GRMN 205 or GRMN 206-; ITAL 206 or ITAL 208; HISP 206 or HISP 207 (no credit given for 101-202).
5. If you have completed Level V, you should enroll in courses above 202/203 (no credit given for 101-202).

III. Accelerated Language Tracks

1. Some languages offer accelerated tracks: 103 is the equivalent of 101 and 102 in one semester; 203 is the equivalent of 201 and 202 in one semester. 203 fulfills the College Foreign Language Proficiency Requirement. Levels may not be repeated for credit. 203 may not be used to fulfill course requirements in majors that include courses taught in the target language above 202.

The following additional placement rules apply to Arabic, Italian, Japanese, Russian, and Spanish:

Incoming students who wish to continue in Arabic, Italian, Japanese, Russian, and Spanish at William & Mary are advised to take an assessment exam given before the start of classes each semester in order to determine the appropriate language level. These exams are advisory and do not override the placement guidelines above. If assessment test results indicate a need for remedial study, please use tutoring services on campus at Tribe Zone. See the Modern Languages website for more information on the placement rules and the assessment tests.

The following additional placement rules apply to Latin:

A student who wishes to continue in Latin, Hebrew, or ancient Greek at William & Mary should see the Classical Studies department for specifics requirements and placement. The Classical Studies department normally offers placement examination at the beginning of the fall semester. The exam will be offered in the spring term only to qualified students who have a reasonable expectation of placing into upper-level Latin by virtue of prior successful completion of advanced Latin courses elsewhere and can be taken at any point in a student's undergraduate career.

The Department of Classical Studies does not allow self-placement under any circumstances.

Transfer credit will not be given for language courses that, using the formula of one high school year equals one college semester, repeat the level of courses taken in high school. For example, students with 4 or 5 years of high school study of French or Spanish who took the equivalent of 201-202 at the transfer institution will not receive credit for those courses at William & Mary. Transfer students with 4 or more years of high school study in one language, however, will be considered to have completed the language requirement and may enroll in appropriate courses above the 202 level.

Students with documented learning disabilities, aural/oral impairments or other disabilities that make the study of a foreign language impossible or unreasonably difficult should consult with the Assistant Dean of Students for Disability Services upon matriculation and, if appropriate, petition the Committee on Degrees to modify the foreign language requirement. Guided by test results and the recommendations of professionals, the committee may allow the substitution of other appropriate courses. Except under extraordinary circumstances, substitution of courses will not be approved after pre-registration for the senior year. Selection of the courses must be made in consultation with the Dean of Undergraduate Studies, Arts and Sciences. These courses cannot be used to satisfy any General Education Requirements or a minor or major requirement. They may not be taken using the Pass/Fail option.

B. Writing Proficiency

1. All students must satisfactorily complete with a grade of C- or better, normally by the end of their first year at the College, a one-semester course with the C150 (College 150) attribute. Incoming transfer students in the Classes of 2017 and 2018 may seek fulfillment of the Lower-Division Writing Requirement through submission of a portfolio to the Writing Center.

2. Major Writing Requirement: In addition, all students must satisfy the Major Writing Requirement described by each department, program, or school. Students must satisfy the lower division writing proficiency requirement before attempting the Major Writing Requirement. If the department, program, or school specifies a graded course or courses to satisfy the requirement, the student's grade(s) in that course or those courses must be C- or better. The purpose of the Major Writing Requirement is to ensure that students continue to develop their ability to write in clear, effective prose, which contains sustained and well-developed thought. The Major Writing Requirement must provide students with a series of opportunities to practice their writing, especially as commented upon by an instructor. Each student is expected to complete the writing requirement before the beginning of the graduating semester, normally during the junior and senior years; where the requirement may be met through a Major Honors paper, a senior paper, or the like, it may be completed as late as the end of the graduating semester. When a student has a double major, the requirement applies in each major.

C. Digital Information Literacy Proficiency

The purpose of the Digital Information Literacy (DIL) proficiency is to ensure that all students, upon matriculation at the College, have a basic understanding of digital information, how it is processed, and how to use it judiciously. Incoming members of the Class of 2019 or later will demonstrate understanding through the College Studies online summer module and COLL 100 courses. Newly admitted members of the Classes of 2017 and 2018 with fewer than 39 credit hours earned since graduation from high school must take and pass with a grade of C- or better the DIL exam, which is available through the Tribe Guide online summer checklist. The exam consists of questions dealing with how computers process digital information; communicating using computers; security and privacy issues; analyzing research needs; finding information electronically; evaluating the information

found; and information ethics. Those students failing to take and/or pass the exam must enroll in and pass with a C- or better INTR 160 - Digital Information Literacy.

D. Major Computing Requirement

All students in the Classes of 2017 and 2018 must satisfy a Major Computing Requirement. Each department and program or school has described how the Major Computing Requirement is fulfilled. Consult the catalog section for the appropriate department or program.

E. Mathematics Proficiency

This one-course requirement, beginning with the Class of 2019, will be satisfied by:

- pre-matriculation transfer or test credit for a course in calculus or statistics;
- any William & Mary course in calculus or statistics;
- or any William & Mary course with a 'MATH' attribute.

F. Creative and Performing Arts Proficiency

This requirement will be satisfied by two credits with an Arts Proficiency attribute in the same creative or performing art. The purpose of this proficiency is to understand the artistic process. Accordingly, by actively involving students in exercises that require artistic choices, these courses aim for an experience-based understanding of how the artist communicates. A course that satisfies this proficiency requires a student to begin to understand an art at the foundation level through artistic activities involving each of the following: developing their artistic skills; and applying the principles of the art through projects and/or exercises.

III. The General Education Curriculum

In keeping with its educational objectives, the College requires its undergraduates to experience a broad array of General Education courses from the first through the fourth year, and to plan a major field of study suited to their needs and interests, which are expected to shift and grow over time. The General Degree requirements specified below allow students to share a common intellectual experience, to explore new interests, and to recognize and pursue intellectual talents.

A. The College Curriculum (COLL)

As of August 2015, General Education at William and Mary is known as "COLL," for College Curriculum. Members of the Class of 2019 and later are required to fulfill the COLL curriculum outlined below. Incoming members of the Classes of 2018 and earlier will fulfill the GER curriculum outlined later in this chapter.

These general education requirements can be completed via a wide array of courses, because COLL classes are spread across the departments and programs in Arts & Sciences. COLL 100 and COLL 150 must be completed in the first year. Work toward COLL 200 requirements may begin in the first year, and one course must be taken in the second year. COLL 300 typically takes place in the third year. COLL 400 is a capstone experience that typically occurs in the fourth year. Unless specifically offered as Pass/Fail courses, courses used to satisfy COLL requirements may not be taken on a Pass/Fail basis.

Overlap in requirements. A single course may fulfill only one COLL requirement (COLL 100, COLL 150, COLL 200, COLL 300, COLL 400, or one of the extra courses in the domains); a course may fulfill one COLL requirement and a proficiency. A maximum of three courses may be counted toward the COLL requirements and toward the major.

COLL 100 courses are devoted to "big ideas:" significant questions and concepts, beliefs and creative visions, theories and discoveries that have shaped our understanding of the world. COLL 100 courses challenge students to think rigorously, and to develop and practice communication skills beyond the written word. COLL 100 courses introduce students to the College's library and other academic resources, and to the ways in which information is accessed, evaluated, and communicated. All COLL 100s carry 4 credits. One COLL 100 is required for each freshman. All COLL 100s fulfill the state-mandated digital information literacy requirement.

COLL 150 courses are seminars, typically limited to an enrollment of fifteen, which explore deeply a particular topic via close readings of texts, data, or methods of inquiry. The goal of COLL 150 is to initiate students into the culture of critical thinking, persuasive writing, and independent inquiry that is at the core of the undergraduate program. COLL 150 seminars highlight student discussion. All COLL 150s carry 4 credits. Students must receive a C- or better in COLL 150 for the course to apply to the degree. One COLL 150 is required of each freshman and all transfer students regardless of credits already earned.

COLL 200 courses may be offered by any academic unit at the College. COLL 200 courses are anchored in one of three knowledge domains, and deliberately look outward to one or both of the other two knowledge domains. The knowledge domains are:

Arts, Letters, and Values (ALV)

Courses in this domain examine the expression and evaluation of values and attitudes. Courses may develop the ability of students to express their own values and attitudes or to develop their own evaluations using literature, art, music, performance, or philosophy. Others may examine the expressions and evaluations themselves historically, cross-culturally, or via the social and cognitive processes that produce them.

Cultures, Societies, and Individuals (CSI)

Courses in this domain examine the realm of human cultures, societies, and individuals through their development, organization, and interaction. Some courses employ mathematical modeling, statistical analysis, and scientific experimentation; some, the analysis of artifacts and texts; and others, observation, inference, and extrapolation. Students learn to describe, theorize, and explain human cultures, societies, and individuals in their variety over time and space.

Natural and Quantitative Reasoning (NQR)

Courses in this domain examine the natural world and physical universe and the means by which humans observe, measure, model, and interpret it. Courses explore the process of scientific discovery, including the methods required to gather and assess empirical data, investigate the predictions of existing theories, and develop experimentally testable hypotheses. Courses may also focus on mathematical or computational methods as applied to these investigations. Students develop their understanding not only of the foundations, implications, and uses of scientific knowledge but also how scientific approaches can be used to create tangible products.

Each COLL 200 course significantly enhances student knowledge of a specific topic and also calls upon students to think about how its discipline fits into the broader framework of the Liberal Arts. Thus, each course emphasizes ideas and methods central to its domain(s) while also looking outward to one or both of the other domains. To the extent possible, COLL 200 courses also give students the opportunity to put methodologies represented in the course into practice. Every student must take a total of twelve credits explicitly labelled COLL 200, with at least one course in each of the three domains of not less than three credits. One COLL 200 must be taken in year 2. Transfer students must take one COLL 200 during their first year at William & Mary. COLL 200 courses may or may not have prerequisites.

Additional credits in the Knowledge Domains: General education also requires undergraduates to take at least six more credits in the three knowledge domains of ALV, CSI, and NQR, with at least two credits in each domain.

Appropriate courses in the Undergraduate Catalog thus will be explicitly labelled as fulfilling COLL 200 credit, with specific mention of their anchor domain (12 credits required, with at least three credits in each domain). Appropriate courses may also be labelled as ALV, CSI, or NQR (6 credits required, with at least two credits in each domain.)

The COLL 300 requirement typically takes place in year 3. COLL 300 joins students with people, places, and ideas that lift them out of their familiar surroundings and deepen the way they see themselves in the world. COLL 300 asks students to use their knowledge, their emerging expertise in framing questions, and their communication skills to engage the world in a self-reflective, cross-cultural way. Students may fulfill COLL 300 either through a single course of 3 credits or a sequence of courses totaling 3 credits with C300 attribute(s). William & Mary sponsored, international programs carry COLL 300 credit, irrespective of the courses taken while studying abroad. Regular academic courses may also carry the C300 attribute as the result of a study-away experience. Finally, certain COLL 300 courses remain on campus and bring together undergraduates and experts on cross-cultural and/or international topics.

The COLL 400 requirement is a capstone experience which typically takes place in year 4, in the student's chosen major. These capstone experiences require students to take initiative in synthesis and critical analysis, to solve problems in an applied and/or academic setting, to create original material or original scholarship, and to communicate effectively with a diversity of audiences. Students can fulfill this requirement through upper-level seminars, independent study and research projects, and Honors projects, as deemed appropriate by departments, programs, or schools. COLL 400 may but need not have an interdisciplinary focus as students can synthesize material within as well as across disciplines. COLL 400 capstone experiences must be at least 3 credits and normally are taken in the senior year.

B. General Education Requirements (GERs)

Undergraduate students in the Classes of 2016, 2017, and 2018 are required to fulfill the seven General Education Requirements (GERs) as given below. GER courses must be either three or four credit courses, except for courses used to fulfill GER 6, which can be one, two, three, or four-credit courses. A single course may fulfill, at most, two GERs and may also be used to fulfill major, minor, and/or proficiency requirements. Courses used to satisfy GERs may not be taken Pass/Fail except for those courses designated by the College as Pass/Fail courses, such as physical activity courses in the Department of Kinesiology.

Unlike the COLL curriculum, students may satisfy one or more of the GERs by receiving credit for a GER course through Advanced Placement (AP) or International Baccalaureate (IB) test scores, or by receiving transfer credit if the course is taken prior to enrolling at the College. GERs 4 and 5 may be satisfied through study abroad if approval for the course has been received from the Committee on Degrees. To be approved, the course must meet the criteria of the GER and must deal substantially with the country or region where the student is on the study abroad program. For additional information, see http://www.wm.edu/as/undergraduate/resources/index.php.

For GER 6 only, an exemption (without credit) may be granted if a student is exempt from a course that satisfies GER 6 or if he/she has met the exemption criteria, as defined by the affected departments. Current exemption criteria are available from the Office of the University Registrar. For all other GERs, exemption (without credit) from a course that satisfies the GER does not result in fulfillment of the GER. All exemptions from GER 6 must be attempted and completed within a student's first two years in residence at the College.

GER 1 Mathematics and Quantitative Reasoning (one course)

Courses offered by the College in fulfillment of GER 1 develop computational techniques in the context of problems that are pertinent to the experience and training of the students. The settings of these problems are recognizable to an informed non-mathematician. The problems themselves require mathematical tools for their analysis. Courses offered by the College in fulfillment of GER 1:

1. involve numerical calculations;
2. include mathematical justifications explaining why the approaches and calculations used in the course actually work; and
3. include applications of mathematics to real-world settings or to disciplines other than mathematics.

GER 2 Natural Sciences (two courses, one of which is taken with its associated laboratory)

2A Physical Sciences (one course)
2B Biological Sciences (one course)

GER 2 courses introduce students to the enduring scientific principles that underlie many of the important issues of their times and foster an appreciation of how science relates to our wider culture. Because these issues can change over the course of a lifetime, students are given a foundation that prepares them to further educate themselves. Such a preparation provides the student not only with factual information, but also with:

1. a body of knowledge within a particular scientific discipline; and
2. an appreciation of the broader context for that knowledge.

GER 3 Social Sciences (two courses)

GER 3 courses are designed to introduce students to the systematic observation and analysis of human behavior and interaction. Social scientists observe, describe, analyze, and try to predict and explain human behavior, including psychological processes. GER 3 courses should teach students basic concepts, key theories and methods, and important findings of social science research.

GER 4 World Cultures and History

(one course in category A, one course in category B and one additional course in either category A, B or C)

To satisfy this requirement, a student must take one of the following combinations of GER 4 courses: AAB, ABB or ABC.

4A History and Culture in the European Tradition
4B History and Culture outside the European Tradition
4C Cross-Cultural Issues

The World Cultures and History GER introduces students to major ideas, institutions, and historical events that have shaped human societies. GER 4 courses have the following features:

1. They are courses covering more than one period, or covering critical periods, or movements which are designed primarily to explore topics, issues, or themes (as opposed to teaching the methods/theories of a discipline);
2. They are informed by an historical perspective (in the sense of addressing the changes in institutions, movements, or cultural practices);
3. They emphasize critical events, institutions, ideas, or literary/artistic achievements; and
4. Using disciplinary or interdisciplinary theoretical frameworks, they focus on a European or a non-European tradition, or explore topics comparatively across traditions.

GER 5 Literature and History of the Arts (one course)

A liberally educated person should possess knowledge of important and influential forms of literary or artistic achievements, and how those achievements should be understood in their cultural contexts. For that purpose, GER 5 courses introduce students to:

1. at least two major forms, genres, eras, cultures, or movements; or
2. at least two methods of analysis of art or literature.

All GER 5 courses provide students with the vocabulary of the discipline and teach them to apply the appropriate methodologies for critical analysis.

GER 6 Creative and Performing Arts (two credits in the same creative or performing art)

Many GER 6 courses are two or three-credit courses. In the case where one-credit courses are used to satisfy this requirement, the courses must be in the same performance medium. For example, to satisfy this requirement, a student could take two individual one-credit Music performance courses in voice or in one particular instrument (these must also be in the same vocal or instrumental style if Music offers more than one category), two semesters of the same ensemble course, or two Kinesiology courses in the same performance medium. However, a student could not satisfy this requirement by taking a one credit Music performance course of beginning guitar and a one-credit course of beginning oboe, or one semester of classical piano and one semester of jazz piano.

The purpose of GER 6 is to understand the artistic process. Accordingly, by actively involving students in exercises that require artistic choices, GER 6 courses aim for an experience-based understanding of how the artist communicates. A course that satisfies GER 6 requires a student to begin to understand an art at the foundation level through artistic activities involving each of the following: developing their artistic skills; and applying the principles of the art through projects and/or exercises.

GER 7 Philosophical, Religious and Social Thought (one course)

GER 7 courses take a critical view of important and influential approaches to philosophical, religious, or social thought. Not only does the course deal with matters of enduring concern to human life, such as meaning, value, justice, freedom and truth, but it also aims at cultivating reasoned analysis and judgment in students who take it. GER 7 courses address three distinct areas:

1. Basic norms or values;
2. Questions of justification of norms and values;
3. Student acquisition of critical skills.

IV. The Major and Minor

Declaring a major assures students of an advisor in their department or program (and thus important advice on course selection), as well as an advantage in registering for courses in some majors.

Students may declare a major after completion of 39 credits (including AP, IB, and other transfer credit; see "Overall Credits" at bottom of Banner transcript).

Students must declare a major after completion of 54 credits (including AP, IB, and other transfer credit; see "Overall Credits" at bottom of Banner transcript).

EXCEPTIONS: Students who matriculated as social freshmen with 15 or more AP, IB, or dual enrollment credits must declare once they have earned 39 credits post-high school at W&M (see "Institutional Credits" on the Banner transcript). Transfer students who entered with 54 or more credits must declare at the end of their first semester at the College.

Interdisciplinary Studies majors must be added no later than before pre-registration in the final semester of the junior year.

The Declaration of Major for a changed or second major must be filed with the Office of the University Registrar no later than the last day of add/drop in the semester of graduation.

Students intending Arts and Sciences majors officially record a major through their academic department/program and the Office of the University Registrar. A student may change a major at any time by using the same process. Students planning majors in the Schools of Business or Education must apply and be admitted. Check the Business and Education sections of the catalog for prerequisites and admissions criteria.

Students may declare one major, or two majors, or one major and one minor. If there are two majors, one must be designated as primary. Degrees are based on the primary major. College policy prohibits the awarding of a second baccalaureate degree; completion of two majors does not constitute completion of two degrees. A maximum of two courses can be counted toward both of two majors or toward a major and a minor. A minimum of 15 credit hours in the major must be taken at William & Mary.

The Bachelor of Arts degree is offered in American Studies; Anthropology; Art and Art History; Chinese Language and Culture; Classical Studies; Economics; English Language and Literature; French; Gender, Sexuality, and Women's Studies; German; Government; Hispanic Studies; History; Interdisciplinary Studies; Global Studies; International Relations; Kinesiology and Health Sciences; Music; Philosophy; Psychology; Public Policy; Religious Studies; Sociology; and Theatre. The Bachelor of Science degree is granted in Biology, Chemistry, Computer Science, Geology, Interdisciplinary Studies, Kinesiology and Health Sciences, Mathematics, Physics, and Psychology.

Interdisciplinary majors administered by the Charles Center on Honors and Interdisciplinary Studies are Computational and Applied Mathematics and Statistics, Film and Media Studies, Linguistics, and Medieval and Renaissance Studies. Interdisciplinary majors that are self-administered are Africana Studies; American Studies; Environmental Science and Policy;

Gender, Sexuality and Women's Studies; and Neuroscience. Applications and details on degree requirements and policies are available in the appropriate department offices.

Minors

In addition to the required major, a student may elect to pursue a program of studies designated as a minor. A minor consists of 18-22 credit hours of courses approved by a department or program, and at least 9 credits must be earned at William & Mary. Courses completed for a minor may also satisfy COLL or GER requirements. None of these courses may be taken on a Pass/Fail basis. A student must earn at least a 2.0 grade point average in the minor. Information about specific minors can be obtained from the appropriate department or program. A maximum of two courses may be counted toward both a major and a minor. A student who intends to complete a minor must officially declare the minor with the department or program, then take the Declaration of Minor form to the Office of the Registrar. The Declaration of Minor request must be filed with the Office of the University Registrar no later than the last day of add/drop in the semester of graduation. A student who declares two majors may not declare a minor.

V. Honors and Special Programs

Departmental Honors

The Department Honors program, administered by the Roy R. Charles Center, provides special opportunities through independent study for the intellectual stimulation and development of superior students in certain departments and interdisciplinary programs. Participating departments and programs include Africana Studies, American Studies, Anthropology, Art and Art History, Biology, Chemistry, Classical Studies, Computer Science, Economics, English, Environmental Science and Policy, French, Geology, German, Global Studies, Government, Hispanic Studies, History, Interdisciplinary Studies, International Relations, Kinesiology and Health Sciences, Film and Media Studies, Mathematics, Music, Neuroscience, Philosophy, Physics, Psychology, Public Policy, Religious Studies, Sociology, Theatre, Speech and Dance, and Gender, Sexuality and Women's Studies.

Prospective candidates for the Department Honors program should first familiarize themselves with the provisions of the Honors program as described here and in the Guidelines, and with any additional requirements or deadlines applicable in specific departments or programs. For further information about Department Honors, consult the Charles Center website at http://www.wm.edu/charlescenter/.

Requirements for Admission to Department Honors

1. Grade Point Average. A grade point average of either 3.0 on a cumulative basis by the end of the junior year or 3.0 for the junior year alone is required. Note that some departments / programs require a higher grade point average - students should check with their department / program to determine their eligibility.
2. Completion of the department / program approval process and submission of the Application for Admission for Department Honors with the signature of the student, the Honors advisor, and the department Chair (or program Director, if applicable) to the Charles Center. This Application form is due by 12 p.m. on the first day of class of the semester in which the student is to begin the Honors project. Please note that departments or programs may have earlier deadlines or additional requirements for admission to Honors - check with your Honors advisor and/or department for details.

Registration for Honors 495 and 496

Charles Center staff will create all of the appropriate Honors sections and register students for both 495 and 496. Students will receive a confirmation email from the Charles Center once they have been registered for their specific Honors section. For questions concerning registration for Department Honors please call 221-2460.

Examining Committee Appointment

A Charles Center staff member will request Honors committee recommendations from department chairs and program directors. Committee recommendations must be submitted by the appropriate person (department Chair, program Director, etc.) to the Charles Center.

Committee recommendations must be submitted by the department chair or program director (or their designated representative); recommendations from students or individual Honors advisors will not be accepted.

Once the committee recommendations are submitted the formal committee appointments will be made by the Charles Center through an email to the committee chair with copies to the remaining committee members and the Honors student.

Each examining committee must consist of three or more faculty members, with representation from at least two academic departments. Any current William and Mary faculty member who is eligible to assign grades may serve on an Honors committee, including visiting and adjunct faculty. Departments / programs have different methods of selecting faculty for committees. For

example, in some departments the selection is centralized, in others the selection is up to the thesis advisor and student. Students should ask their Honors advisor and / or department about the procedure for selecting faculty in their department or program.

Thesis Submission and Oral Examination

Two weeks before the last day of classes of the student's graduating semester (or the next class day if this date falls on a holiday or vacation day) a copy of the completed thesis must be submitted to each member of the examining committee.

If, after reading the thesis, the members of the committee find it provisionally acceptable, the oral examination may be scheduled. It is up to the student to schedule the defense date and time in coordination with all of the committee members and to arrange for a location for the defense. It is also the student's responsibility to remind the committee members of the date, time, and location of the defense.

The exam will consist of an oral examination lasting at least one hour. The main purpose of the examination will be to ask questions about the honors thesis, but the candidate may also be asked to discuss other topics that are related to the thesis. Students should check with their advisors about the protocol for oral exams within the department or program.

The examining committee will determine if an honors designation will be awarded, and if so, at what level (Honors, High Honors, or Highest Honors). In reaching its decision about awarding honors, the committee will be guided by the quality of the honors thesis and by the candidate's performance on the oral examination. Please note that the Biology, Computer Science, Economics, Environmental and Health Sciences, Government, International Relations, Kinesiology and Health Science, Literary and Cultural Studies, Mathematics, Neuroscience, Physics, Psychology, and Public Policy departments/programs assign only Honors (rather than High or Highest) to successful projects. Geology only awards Honors and High Honors to successful projects.

Reporting of each student's level of Honors must be made to the Charles Center immediately following the completion of the oral exam.

Successful Honors Projects

A candidate who successfully completes Honors 495 will receive a grade of "G" at the end of the first term of the project. Following the honors defense in the second term of the project, a final grade for both Honors 495 and 496 will be determined by the examining committee. The Honors advisor is responsible for submitting the grade for 496 and the University Registrar's Office will then change the grade for 495 to match the 496 grade. If the 495 grade should be different from the grade assigned for 496 the advisor will have to submit a grade change form to the University Registrar's Office.

Unsuccessful Honors Projects

Under no circumstances may Honors 495 and/or 496 remain on the transcript of a student who is not awarded honors by the examining committee.

1. If it becomes evident before the end of the first term that the student will not complete the project, either
    a. the student must withdraw from Honors 495 with the approval of the thesis advisor (the advisor must notify the Charles Center by email; or
    b. if it is too late for the student to withdraw from the course, the project advisor must change the Honors 495 designation to an appropriate alternative, such as independent study, by sending an email to the Charles Center indicating both the course number and number of credits (if variable). The Charles Center will then make the change in the student's registration.
2. If the project continues into the second semester and it then becomes evident that the project will not be completed by the submission deadline (two weeks before the last day of classes of the student's graduating semester), the faculty advisor must either:
    a. change Honors 495 and 496 to appropriate alternatives (in most cases, independent study) by emailing the Charles Center and indicating both the course numbers and number of credits; or
    b. declare an incomplete, which can only be done in extraordinary circumstances and with departmental approval. The student and advisor must agree to firm new deadlines for the thesis and the defense and must submit these deadlines to the Charles Center.
3. If upon reading the thesis the members of the examining committee decide that the thesis does not merit honors and elect not to examine the student, or if, upon completion of the oral defense the examination committee determines that the thesis does not merit honors, the advisor must change Honors 495 and 496 to appropriate alternatives (by email to the Charles Center) and award the student grades for these courses.

Minimum Requirements for a Degree with Department Honors

1. Satisfactory completion of a program of reading and research supervised by a faculty member designated by the chair of the student's major department. Six hours of credit in a course designated 495-496 in each department offering Honors shall be awarded each student satisfactorily completing the program.
2. Satisfactory completion of the general requirements for the degree of B.A. or B.S.
3. Presentation of a completed Honors thesis: A copy of the completed Honors thesis in a form that is acceptable to the major department must be submitted to each member of the student's Examining Committee two weeks before the last day of classes of his or her graduating semester. (See: Examining Committee)
4. Satisfactory performance in a comprehensive examination on the thesis and related background. The examination may be oral or written or both.

Graduation Honors

Latin Honors: To recognize outstanding academic achievement, the College awards degrees cum laude, magna cum laude and summa cum laude. The overall grade point average required, without rounding, for a degree cum laude is 3.50, for a degree magna cum laude 3.65, and for a degree summa cum laude 3.80. This honor is noted on the student's diploma and on the academic transcript.

Internships for Credit

An internship agreement must be completed with signatures of the student, evaluating faculty member, and any external supervisor. These are to be filed in the Office of the Dean of Undergraduate Studies before the student begins the internship. There will be no consideration of academic credit without an internship agreement.

Qualified students, usually in their junior or senior year, may receive credit from cooperating departments for an approved program that provides an opportunity to apply and expand knowledge under expert supervision in an on- or off-campus position. These internships should provide a structured learning experience and must be approved in advance by the department and evaluated by a William and Mary faculty member. Academic credit is awarded for a project that incorporates the hands-on experience of the internship, but also includes an analytic or research component, and a final, written report. Individual departments determine the number of credits in an academic internship that may count toward the minimum number of credits required in a major. Normally three credits are awarded, but in exceptional and approved cases a department may award more. No more than six credits in academic internships may be applied to the 120 credits required for graduation.

Students undertaking internships that will take them away from campus for a semester or year should notify the Office of the Dean of Students before beginning the internship. International students who anticipate receiving payment should contact the Global Education Office at the Reves Center concerning visa requirements. For general information and counseling about internships contact the Office of the Dean of Undergraduate Studies, Ewell Hall 124.

Non-Credit Internships

Students interested in pursuing non-credit internships may apply through the Office of Career Services for participation in the Local Internship Program. Placements are available in law firms, medical offices, museums, social service agencies, businesses, schools, investment firms, publishing groups, public relations offices, technology companies, and science labs. Opportunities for summer internships are also available through the Office of Career Services. Some internships are listed directly with Career Services and the office provides students access to a database of nearly 20,000 opportunities in a broad range of fields and locations. Staff members in the Office of Career Services are available to counsel students concerning internship and other career-related opportunities.

Pre-Professional Programs

Students may follow programs at William and Mary within a liberal arts framework that will prepare them for study in dentistry, engineering, forestry, medical technology, medicine and veterinary medicine. Students who are interested in pre-professional programs should plan their programs in consultation with their advisors.

Pre-Medical and Pre-Dental Programs

There are no specific pre-medical or pre-dental programs at William and Mary. Students preparing for admission to medical or dental school may choose to major in any department. Although medical and dental schools in general have no preference as to the major field of undergraduate study, students must have a strong foundation in the sciences. Most medical schools and dental schools include in their admission requirements a number of laboratory science courses: biology, inorganic chemistry, organic chemistry and general physics. At William and Mary, these courses are BIOL 225 / BIOL 226 and BIOL 220 / BIOL 221; CHEM 103 / 151; CHEM 206 / 252,; CHEM 209 / CHEM 353 or CHEM 307 / CHEM 353; CHEM 305 / CHEM 354 or CHEM 308 / CHEM 354; PHYS 101-PHYS 102 or PHYS 107-PHYS 108 (Chemistry and Physics majors take 101-102). One year of Mathematics (Chemistry and Physics majors take calculus; statistics courses can also be used towards this requirement) is also recommended. In addition, taking CHEM 414, SOCL 250 or SOCL 362, and PSYC 202 will help students to master material

now covered by the MCAT. Science courses in addition to these minimal requirements are required by some schools and viewed with favor by many others. One year of English is required by many schools. A "W" freshman seminar can be used towards this requirement. Any English literature or composition course can be used toward this requirement.

Because medical schools begin to reach decisions on applicants for admission early in the fall of the application year, and because the required premedical science courses are essential for success on the MCAT, these science courses should be completed before June of the year in which the student intends to start applying to medical school. All pre-medical students are encouraged to seek academic guidance early in their careers through scheduled consultations with Prof. Beverly Sher in the Department of Biology. Students should contact her directly via email at btsher@wm.edu to schedule appointments.

Combined Degree Programs

Academic programs of students who participate in any combined degree program must be approved in advance by the Committee on Degrees. All William & Mary degree requirements are applicable to students in the 3:2 program. All GER and Proficiency requirements must be completed at William & Mary. Students must have at least an overall 2.0 GPA and at least a 2.0 GPA in courses taken at William & Mary toward the fulfillment of major requirements. Elective hours toward the major may be completed elsewhere but students must earn as many credits toward the major as required if they were completing all degree requirements at William & Mary. The chair of the department in which the students are majoring will determine which courses elsewhere will count toward the William & Mary major requirements if they happen to be in other subject fields. Students must have earned 120 hours including at least 60 hours at William & Mary, before a degree is granted.

Engineering Schools: William & Mary has "combined plans" with the engineering school of Columbia University. Under the "3:2 plan," a student spends three years at William and Mary and two years at the engineering school and receives a bachelor's degree from William and Mary in their primary major as well as a bachelor's degree in engineering from the affiliated school. For all engineering programs, the following courses should be completed by the end of the junior year:

- MATH 111, MATH 112, MATH 212 or MATH 213
- PHYS 101, PHYS 102
- CHEM 103
- CHEM or PHYS introductory lab
- CSCI 141
- ECON 101 or ECON 102
- WRIT 101 or equivalent
- All GER courses

Specific engineering programs typically have several additional required courses. Though a student can in principle choose any desired major while at William and Mary, most of the courses listed above are also required for math and science majors at the College.

Students accepted into these 3:2 programs will typically have grades of A and B in their science and mathematics courses with a minimum overall average grade of B. Students are guaranteed admission with housing at Columbia University if the above prerequisites are met.

For more information, please consult Professor Eugeniy Mikhailov (eemikh@wm.edu) in the Physics Department.

Fields of Major, Subprograms and Course Descriptions

The chapters on "Academic Programs" and "Majors/Minors describe the requirements for majors and minors in the various field and subprograms offered by the College according to the department and schools offering them. The chapters on Course Descriptions includes the undergraduate course offerings of the departments, schools and particular programs listed according to course number. Courses that can be taken to fulfill general education requirements are indicated by the symbols described below.

Also described in the chapters are the basic requirements for Major Honors in each program.

Explanation of Course Descriptions

(GER, C100, C150, C200, C300, C400, ALV, CSI, NQR, ACTV, MATH, etc.) This course satisfies general education requirements.

(Lab) This course satisfies the GER 2 laboratory requirement when taken with an associated course.

(*) Starred courses may be taken only with the consent of the instructor.

(†) Daggered courses may be taken only with the consent of the chair of the department or dean of the school concerned.

- A hyphen between course numbers (101-102) indicates a continuous course-the two parts of which must be taken in numerical order (i.e., the first course is a pre-requisite for the latter).
- A comma between course numbers (101,102) indicates two closely related courses which need not be taken in numerical order.
- Please note that courses involving labs do not necessarily satisfy general education requirements.
- Courses involving laboratory or studio activity are so labeled. All others are classroom courses.
- The credit hours for each course are indicated by numbers in parentheses.

Academic Departments, Programs, Schools and Course Descriptions [Back to Table of Contents]

The material that follows describes, in alphabetical order, the requirements for major in the various field and subprograms offered by the College according to the department and schools offering them. The chapters also include the undergraduate course offerings of the departments, schools and particular programs listed according to course number. Courses that can be taken to fulfill general education requirements are indicated by the symbols described below.

Also described in the chapters are the basic requirements for Major Honors in each program.

College of William & Mary

Africana Studies

Faculty

Program Director

A. Green (Sharpe Associate Professor of Civic Renewal and Entrepreneurship, Africana Studies & Theatre, Speech, and Dance)

Professor

Abegaz (Economics), **Blakey** (Africana Studies, American Studies, & Anthropology), **Braxton** (Frances L. and Edwin L. Cummings Distinguished Professor of Africana Studies & English), **Pinson** (Africana Studies & English)**, Tanglao-Aguas** (Asian and Pacific Islander American Studies, Africana Studies, & Theatre, Speech, and Dance), **B. Weiss** (Anthropology).

Associate Professors

Charity-Hudley (Africana Studies, Education, and Linguistics), **Chouin** (History), **Glenn** (Africana Studies & Theatre, Speech and Dance), **Turits** (Africana Studies, Latin American Studies, & History), **Vinson** (Frances L. and Edwin L Cummings Distinguished Associate Professor of Africana Studies & History)

Assistant Professors

Shiferaw (Africana Studies & Economics), **Thelwell** (Africana Studies

Senior Lecturer

Osiapem (Africana Studies & Linguistics)

Emeriti Professor

McLendon (English & Africana Studies)

Adjunct Instructor

Sanford (Africana Studies), **Allen** (Africana Studies & History)

Affiliated Faculty

Compan-Barnard (Modern Languages and Literatures), **Donnor** (Education), **Ely** (History), **Ferrao**(Asian and Pacific Islander American Studies and English), **Gavaler** (Theatre, Speech and Dance), **Gosin** (Sociology), **Gundaker**(Anthropology/American

Studies), **Norman** (Anthropology), **Pope** (History), **Roessler** (Government), **Rosen** (American Studies & History), **Smith** (Anthropology), **Stow** (Government), and **M. Weiss**(English)

The Africana Studies Program

The major in Africana Studies (AFST) employs rigorous interdisciplinary and comparative approaches for the study of over one billion people of African descent, a fifth whom are in the Diaspora. The central mission of the program is to prepare students for lifelong learning, graduate study in various fields, and careers in private and public organizations across the globe. AFST majors elect one of three concentrations: **African-American Studies**, **African Studies**, or **African-Diaspora Studies**. Each of these concentrations studies Africans in their own terms but always in a global context.

The AFST curriculum engages students in a critical examination of the intellectual, political, economic and cultural challenges and achievements of Africans and African-descended peoples. The study of these diverse and dynamic traditions does much more than embracing the centrality of race. It also encompasses imperial, national, ethnic, linguistic, and religious currents and intersections in such far-flung settings as Africa, North America, the Caribbean Basin, Latin America, the Middle East, South Asia, and Europe.

The Program draws on wide-ranging fields of inquiry that include history, sociology, economics, anthropology, political science, religion, literature, music, drama, dance, film, and the visual arts. Through coursework that integrates and at often transcends disciplinary knowledge, students will learn to appreciate the specificity of Africa and its offshoots, the ways in which local and global forces interacted to shape a shared identity of Blackness as well as community-specific identities, and the trajectories of syncretism and other forms of intercultural exchange.

Students are encouraged to combine their scholarly study with service learning, study away, or study abroad. Course work in each of the three tracks must encompass at least three disciplines to ensure a genuinely interdisciplinary grounding in historical and contemporary issues along with practical applications of such knowledge (internships, civic engagement, and independent research).

Details on the structure of the major are provided below. Full descriptions of courses and requirements are available from faculty advisors and the program's website. Africana majors are encouraged to look into allied Interdisciplinary programs such as American Studies, Women's Studies, Global Studies, and International Relations for complementary courses and intellectual exchange.

Engaged Scholarship and Service Learning. Students are encouraged to engage in service-learning or engaged-scholarship opportunities to supplement classroom study of such issues as racial inequality, cultural exchange, and identity politics.

Study Abroad. Students are strongly encouraged to seek overseas opportunities, especially in Africa, the Caribbean and Latin America that complement the major. Contact the Global Education Office at the Reves Center for more information. With prior approval, courses taken abroad may be applied to the major or other requirements.

Study Away. Majors are also encouraged to seek out study away opportunities in the U.S. in approved Centers or Institutes, Colleges, or Universities. For example, students may arrange to take language courses elsewhere in the summer, or devote a semester to undertake a pre-approved program of study and research.

Programs

Africana Studies, African Studies Concentration, BA

Requirements for Major

Required Credit Hours: 36

Major Declaration:

Prospective majors in AFST should discuss their plan-of-study with a faculty advisor by the end of the sophomore year. Declaration forms and instructions for majors and minors are available at the websites of Africana Studies and the University Registrar.

Major Computing Requirement (MCR):

Each major must fulfill the MCR by earning a grade of C- or better in one of the courses listed under Methods (see below) or take CSCI 131 or higher.

Major Writing Requirement (MWR):

The following writing-intensive courses satisfy the MWR for Africana Studies:

- AFST 301 - Critical Debates in Africana Studies *(3-4)*
- AFST 306 - Topics in Africana Studies *(1-4)*
- AFST 406 - Advanced Topics in Africana Studies *(3-4)*
- AFST 480 - Independent Study *(3-4)*

  or

- AFST 495 - Senior Honors *(3)*
- AFST 496 - Senior Honors *(3)*
- AFST 499 - Senior Project in Africana Studies *(3)*

Major Gateway (3 credits)

- AFST 150 - Introduction to Africana Studies *(4)* OR
- AFST 205 - Introduction to Africana Studies *(3)*

Methods (3 credits)

- AFST 399 - Africana Studies Methodologies *(3)*

College 400 Senior Capstone (3 credits)

- AFST 495 - Senior Honors *(3)*
- AFST 496 - Senior Honors *(3)*
- AFST 499 - Senior Project in Africana Studies *(3)*

Language Requirement (3 credits)

Africana Studies requires an Africa-relevant foreign language study that exceeds the College-wide proficiency requirement. Specifically, Africana Studies requires additional Africa-relevant foreign language study that can be fulfilled by any one of the following:

- AFST 250 - African-American English *(4)* or
- AFST 251 - Soon Come: Caribbean Languages and Identities *(3)* or
- One course beyond 202 level or
- 202-level proficiency in 2 languages or
- Off-campus study - Off-campus study programs or native proficiency in any national, ethnic, or community language of African or the African Diaspora (such as, but not limited to, Amharic, Hausa, Haitian Kreyol, Jamaican Creole English, Oromiffa, Twi, Swahili, Sranan, Yoruba, Wolof and Zulu).

Concentration Core & Electives:

The remaining credits are to come from concentration core and courses in the Humanities and Social Sciences that are specific to each of the three Concentrations that constitute the Major. These are listed by Concentration. The University Registrar publishes the most recent list of eligible courses every semester.

Concentration in African Studies (minimum 6 credits)

Concentration Gateway (3 credits)

- AFST 350 - Introduction to African Studies *(3)*

400 Level Seminar (3 credits)

- AFST 406 - Advanced Topics in Africana Studies *(3-4)* (African Studies Topics only)
- AFST 426 - The Rise and Fall of Apartheid *(3)*
- AFST 427 - History of Modern South Africa *(3)*

Concentration Electives (minimum 18 credits)

Students are required to complete at least 18 credits through recognized AFST courses in the Social Sciences and Arts & Humanities within their chosen area of concentration.

Students must take at least one 3 credit course in one field if they are more inclined to take the majority of their Electives in another. For instance, a student more interested in the Arts & Humanities must take at least one 3 credit class in the Social Sciences in order to complete the degree.

Students are also strongly encouraged to take one elective in a concentration outside of their own.

The program publishes recognized and accepted Electives for each of the concentrations in the online catalog of the University.

Courses credited towards the major and concentration core may not be credited as Electives. There is no double crediting within the Africana Studies major.

Other courses may also be credited towards the Electives after approval by the major Advisor and Program Director.

African Studies Electives

African Studies Humanities Electives

- AFST 301 - Critical Debates in Africana Studies *(3-4)*
- AFST 306 - Topics in Africana Studies *(1-4)* (African Studies Topics only)
- AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora *(3)*
- AFST 321 - Women in Africa and the Diaspora *(3)*
- AFST 330 - Arts in Africa *(3)*
- AFST 331 - History of Jazz *(4)*
- AFST 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)*
- AFST 340 - Peoples and Cultures of Africa *(3)*
- AFST 341 - African Ritual and Religious Practice *(3)*
- AFST 386 - Francophone African Literature II (in English) *(3)*
- AFST 406 - Advanced Topics in Africana Studies *(3-4)* (African Studies Topics only)
- ANTH 320 - Rise and Fall of Civilizations *(3)*
- ANTH 336 - African Cultural Economies *(3)*
- ARAB 309 - Survey of Arabic Literature in Translation *(3)*
- ARAB 310 - Topics in Modern Arabic Literature in Translation *(3)*
- FREN 385 - Francophone African Literature I (in French) *(3)*
- MUSC 241 - Worlds of Music *(4)*
- RELG 212 - Introduction to Islam *(3)*

African Studies Social Sciences Electives

- AFST 300 - Pan-Africanism: History of a Revolutionary Idea *(3)*
- AFST 301 - Critical Debates in Africana Studies *(3-4)*

- AFST 304 - Introduction to the African Diaspora *(3)*
- AFST 308 - West Africa Since 1800 *(3)*
- AFST 310 - Comparative Economic Inequality in Multiracial Societies *(3)*
- AFST 312 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics *(3)*
- AFST 316 - African History to 1800 *(3)*
- AFST 317 - African History during Colonialism and Independence *(3)*
- AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora *(3)*
- AFST 321 - Women in Africa and the Diaspora *(3)*
- AFST 426 - The Rise and Fall of Apartheid *(3)*
- AFST 427 - History of Modern South Africa *(3)*
- ECON 300 - African Economies *(3)*
- GOVT 312 - Politics of Developing Countries *(3)*

Africana Studies, African-American Concentration, BA

Requirements for Major

Required Credit Hours: 36

Major Declaration:

Prospective majors in AFST should discuss their plan-of-study with a faculty advisor by the end of the sophomore year. Declaration forms and instructions for majors and minors are available at the websites of Africana Studies and the University Registrar.

Major Computing Requirement (MCR):

Each major must fulfill the MCR by earning a grade of C- or better in one of the courses listed under Methods (see below) or take CSCI 131 or higher.

Major Writing Requirement (MWR):

The following writing-intensive courses satisfy the MWR for Africana Studies:

- AFST 301 - Critical Debates in Africana Studies *(3-4)*
- AFST 306 - Topics in Africana Studies *(1-4)*
- AFST 406 - Advanced Topics in Africana Studies *(3-4)*
- AFST 480 - Independent Study *(3-4)*

  or

- AFST 495 - Senior Honors *(3)*
- AFST 496 - Senior Honors *(3)*
- AFST 499 - Senior Project in Africana Studies *(3)*

Major Gateway (3 credits)

- AFST 150 - Introduction to Africana Studies *(4)* OR
- AFST 205 - Introduction to Africana Studies *(3)*

Methods (3 credits)

- AFST 399 - Africana Studies Methodologies *(3)*

College 400 Senior Capstone (3 credits)

- AFST 495 - Senior Honors *(3)*
- AFST 496 - Senior Honors *(3)*
- AFST 499 - Senior Project in Africana Studies *(3)*

Language Requirement (3 credits)

Africana Studies requires an Africa-relevant foreign language study that exceeds the College-wide proficiency requirement. Specifically, Africana Studies requires additional Africa-relevant foreign language study that can be fulfilled by any one of the following:

- AFST 250 - African-American English *(4)* or
- AFST 251 - Soon Come: Caribbean Languages and Identities *(3)* or
- One course beyond 202 level or
- 202-level proficiency in 2 languages or
- Off-campus study - Off-campus study programs or native proficiency in any national, ethnic, or community language of African or the African Diaspora (such as, but not limited to, Amharic, Hausa, Haitian Kreyol, Jamaican Creole English, Oromiffa, Twi, Swahili, Sranan, Yoruba, Wolof and Zulu).

Concentration Core & Electives:

The remaining credits are to come from concentration core and courses in the Humanities and Social Sciences that are specific to each of the three Concentrations that constitute the Major. These are listed by Concentration. The University Registrar publishes the most recent list of eligible courses every semester.

Concentration in African-American Studies

Concentration Gateway (3 credits)

- AFST 351 - Introduction to African American Studies *(3)*

400 Level Seminar (3 credits)

- AFST 406 - Advanced Topics in Africana Studies *(3-4)* (African-American Topics only)

  or
- AFST 414 - Major African American Women Writers *(3)* or
- AFST 417 - Harlem in Vogue *(3)*

  or
- AFST 425 - Blacks in American Society *(3)*

Concentration Electives (minimum 18 credits)

Students are required to complete at least 18 credits through recognized AFST courses in the Social Sciences and Arts & Humanities within their chosen area of concentration.

Students must take at least one 3 credit course in one field if they are more inclined to take the majority of their Electives in another. For instance, a student more interested in the Arts & Humanities must take at least one 3 credit class in the Social Sciences in order to complete the degree.

Students are also strongly encouraged to take one elective in a concentration outside of their own.

The program publishes recognized and accepted Electives for each of the concentrations in the online catalog of the University.

Courses credited towards the major and concentration core may not be credited as Electives. There is no double crediting within the Africana Studies major.

Other courses may also be credited towards the Electives after approval by the major Advisor and Program Director.

African-American Studies Electives

African-American Studies Electives in Humanities

- AFST 301 - Critical Debates in Africana Studies *(3-4)*
- AFST 306 - Topics in Africana Studies *(1-4)*
- AFST 307 - Workshop on Black Expressive Culture *(3-4)*
- AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora *(3)*
- AFST 321 - Women in Africa and the Diaspora *(3)*
- AFST 331 - History of Jazz *(4)*
- AFST 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)*
- AFST 334 - History of American Vernacular Dance *(3)*
- AFST 365 - Early Black American Literature *(3)*
- AFST 366 - Modern Black American Literature *(3)*
- AFST 406 - Advanced Topics in Africana Studies *(3-4)*
- AFST 414 - Major African American Women Writers *(3)*
- AFST 417 - Harlem in Vogue *(3)*
- AFST 425 - Blacks in American Society *(3)*
- AMST 445 - The Making of a Region: Southern Literature and Culture *(3)*
- AMST 470 - Topics in American Studies *(1-4)*
- CMST 250 - Introduction to Community Studies *(4)*
- DANC 264 - Intermediate Jazz *(2)*
- LING 410 - Language Attitudes *(4)*
- RELG 348 - African American Religions *(3)*
- THEA 461 - African American Theatre *(3)*

African-American Studies Electives in Social Sciences

- AFST 301 - Critical Debates in Africana Studies *(3-4)*
- AFST 304 - Introduction to the African Diaspora *(3)*
- AFST 305 - African Diaspora since 1808 *(3)*
- AFST 310 - Comparative Economic Inequality in Multiracial Societies *(3)*
- AFST 312 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics *(3)*
- AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora *(3)*
- AFST 321 - Women in Africa and the Diaspora *(3)*
- AFST 371 - The Idea of Race *(3)*

- AFST 425 - Blacks in American Society *(3)*
- ANTH 429 - Exploring the Afro-American Past *(3)*
- HIST 310 - African Americans and Africa *(3)*
- HIST 321 - Topics in Civil Rights *(3)*
- HIST 350 - Free and Enslaved Blacks in the Old South *(3)*
- HIST 413 - Topics in History *(3)* (African-American Studies Topics only)
- HIST 414 - Topics in History *(3)* (African-American Studies Topics only)

Africana Studies, African-Diaspora Studies Concentration, BA

Requirements for Major

Required Credit Hours: 36

Major Declaration:

Prospective majors in AFST should discuss their plan-of-study with a faculty advisor by the end of the sophomore year. Declaration forms and instructions for majors and minors are available at the websites of Africana Studies and the University Registrar.

Major Computing Requirement (MCR):

Each major must fulfill the MCR by earning a grade of C- or better in one of the courses listed under Methods (see below) or take CSCI 131 or higher.

Major Writing Requirement (MWR):

The following writing-intensive courses satisfy the MWR for Africana Studies:

- AFST 301 - Critical Debates in Africana Studies *(3-4)*
- AFST 306 - Topics in Africana Studies *(1-4)*
- AFST 406 - Advanced Topics in Africana Studies *(3-4)*
- AFST 480 - Independent Study *(3-4)*

  or

- AFST 495 - Senior Honors *(3)*
- AFST 496 - Senior Honors *(3)*
- AFST 499 - Senior Project in Africana Studies *(3)*

Major Gateway (3 credits)

- AFST 150 - Introduction to Africana Studies *(4)* OR
- AFST 205 - Introduction to Africana Studies *(3)*

Methods (3 credits)

- AFST 399 - Africana Studies Methodologies *(3)*

College 400 Senior Capstone (3 credits)

- AFST 495 - Senior Honors *(3)*
- AFST 496 - Senior Honors *(3)*

- AFST 499 - Senior Project in Africana Studies *(3)*

Language Requirement (3 credits)

Africana Studies requires an Africa-relevant foreign language study that exceeds the College-wide proficiency requirement. Specifically, Africana Studies requires additional Africa-relevant foreign language study that can be fulfilled by any one of the following:

- AFST 250 - African-American English *(4)* or
- AFST 251 - Soon Come: Caribbean Languages and Identities *(3)* or
- One course beyond 202 level or
- 202-level proficiency in 2 languages or
- Off-campus study - Off-campus study programs or native proficiency in any national, ethnic, or community language of African or the African Diaspora (such as, but not limited to, Amharic, Hausa, Haitian Kreyol, Jamaican Creole English, Oromiffa, Twi, Swahili, Sranan, Yoruba, Wolof and Zulu).

Concentration Core & Electives:

The remaining credits are to come from concentration core and courses in the Humanities and Social Sciences that are specific to each of the three Concentrations that constitute the Major. These are listed by Concentration. The University Registrar publishes the most recent list of eligible courses every semester.

Concentration African-Diaspora Studies

Concentration Gateway (3 credits)

- AFST 304 - Introduction to the African Diaspora *(3)*
- AFST 305 - African Diaspora since 1808 *(3)*

400 Level Seminar (3 credits)

- AFST 406 - Advanced Topics in Africana Studies *(3-4)* (African Diaspora Studies only)
- AFST 418 - Anthropological Reflections of the African Diaspora *(3)*
- AFST 458 - Caribbean Archaeology *(3)*

Concentration Electives (minimum 18 credits)

Students are required to complete at least 18 credits through recognized AFST courses in the Social Sciences and Arts & Humanities within their chosen area of concentration.

Students must take at least one 3 credit course in one field if they are more inclined to take the majority of their Electives in another. For instance, a student more interested in the Arts & Humanities must take at least one 3 credit class in the Social Sciences in order to complete the degree.

Students are also strongly encouraged to take one elective in a concentration outside of their own.

The program publishes recognized and accepted Electives for each of the concentrations in the online catalog of the University.

Courses credited towards the major and concentration core may not be credited as Electives. There is no double crediting within the Africana Studies major.

Other courses may also be credited towards the Electives after approval by the major Advisor and Program Director.

African Diaspora Electives

African Diaspora Electives in Humanities

- AFST 304 - Introduction to the African Diaspora *(3)*
- AFST 305 - African Diaspora since 1808 *(3)*

- AFST 306 - Topics in Africana Studies *(1-4)*
- AFST 307 - Workshop on Black Expressive Culture *(3-4)*
- AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora *(3)*
- AFST 321 - Women in Africa and the Diaspora *(3)*
- AFST 330 - Arts in Africa *(3)*
- AFST 331 - History of Jazz *(4)*
- AFST 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)*
- AFST 371 - The Idea of Race *(3)*
- AFST 386 - Francophone African Literature II (in English) *(3)*
- AFST 406 - Advanced Topics in Africana Studies *(3-4)* (Diaspora Topics only)
- ANTH 305 - Comparative Colonial Studies *(3)*
- ANTH 330 - Caribbean Cultures *(3)*
- ANTH 429 - Exploring the Afro-American Past *(3)*
- ANTH 432 - Maroon Societies *(3)*
- ANTH 458 - Caribbean Archaeology *(3)*
- ANTH 482 - Arts of the African Diaspora *(3)*
- LING 410 - Language Attitudes *(4)*
- MUSC 241 - Worlds of Music *(4)*

African Diaspora Electives in Social Sciences

- AFST 304 - Introduction to the African Diaspora *(3)*
- AFST 305 - African Diaspora since 1808 *(3)*
- AFST 306 - Topics in Africana Studies *(1-4)*
- AFST 308 - West Africa Since 1800 *(3)*
- AFST 310 - Comparative Economic Inequality in Multiracial Societies *(3)*
- AFST 312 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics *(3)*
- AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora *(3)*
- AFST 321 - Women in Africa and the Diaspora *(3)*
- AFST 344 - Politics in Africa *(3)*
- ECON 300 - African Economies *(3)*
- GOVT 312 - Politics of Developing Countries *(3)*
- HIST 150 - First Year Seminar *(4)* (Diaspora Topics only)
- HIST 309 - The Caribbean *(3)*
- HIST 310 - African Americans and Africa *(3)*
- HIST 316 - Pan-Africanism: History of a Revolutionary Idea *(3)*
- HIST 326 - African Religions in the Diaspora *(3)*

- HIST 327 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics *(3)*
- HIST 413 - Topics in History *(3)* (Diaspora Topics only)
- HIST 414 - Topics in History *(3)* (Diaspora Topics only)

Africana Studies, Minor

Required Credit Hours: 21

Major Gateway (3 credits)

- AFST 150 - Introduction to Africana Studies
- AFST 205 - Introduction to Africana Studies *(3)*

Methods (3 credits)

- AFST 399 - Africana Studies Methodologies *(3)*

Concentration (3 credits)

- AFST 304 - Introduction to the African Diaspora *(3)*
- AFST 305 - African Diaspora since 1808 *(3)*
- AFST 350 - Introduction to African Studies *(3)*
- AFST 351 - Introduction to African American Studies *(3)*

Electives (12 credits)

- Students are required to complete at least 18 credits through recognized AFST courses in the Social Sciences and Arts & Humanities within their chosen area of concentration.
- Students must take at least one 3 credit course in one field if they are more inclined to take the majority of their Electives in another. For instance, a student more interested in the Arts & Humanities must take at least one 3 credit class in the Social Sciences in order to complete the degree.
- Students are also strongly encouraged to take one elective in a concentration outside of their own.
- The program publishes recognized and accepted Electives for each of the concentrations in the online catalog of the University.
- Other courses may also be credited towards the Electives after approval by the major Advisor and Program Director.
- There is no double crediting within the Africana Studies minor.
- Courses from a Department or Program in which the student is majoring cannot be counted toward the Minor.

Course Descriptions

AFST 150 - First Year Seminar

Fall or Spring (4) Staff (C150)
An exploration of a specific topic in African Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

AFST 205 - Introduction to Africana Studies

Fall or Spring (3) Pinson, Vinson, Norman, Weiss, Sanford, Staff (College 200, CSI, GER 4C, GER 5)
An introduction to the diverse field of critical inquiry called Africana Studies through explorations of the links and disjunctures in the experiences, histories, and cultural, political, and intellectual practices of Africans and African descendants throughout

Africa's diasporas. Students may take only one of AFST 205, AFST 100 or 150 when using Intro to Africana Studies toward the major or minor in Africana Studies. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

AFST 210 - Medicine, Arts, and Social Justice

Fall (3) Braxton (College 200, ALV)
The course examines the nature of inequalities in the health professions and the communities they serve in order to explore routes to freedom and equality for those who have been voiceless and often under-represented in the medical professions. It also seeks to augment the creativity and the reflective capacity of students who may be exploring such careers and to improve their abilities to become reflective and resilient practitioners by engaging stories from the experiences of Asian/American and African/American peoples. It is for inquiring minds seeking solutions to health problems that plague our diverse and varied communities. We will further explore pathways for literary scholars, storytellers, activists, helpers and healers to address these issues through science, technology, engineering, mathematics and the arts in the spirit of "authentic excellence." (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

AFST 218 - Introduction to Caribbean Cultures & Identities

Fall (3) Osiapem (GER4 B)
The primary goal of this course is to explore scholarly research and cultural materials dealing with Caribbean identity. We will survey, examine, and discuss issues that bear on Caribbean identities including topics in contemporary language use and policy, literature, music, and other forms of popular media (television, radio, newspapers, etc.) to illustrate how various islands in the Caribbean identify and distinguish themselves from others. The course will focus on theory-based and research oriented information as well as critical essays and popular media that will provide you with knowledge to have an intelligent and informed discussion about issues dealing with Caribbean identities.

AFST 235 - African American History to Emancipation

Fall (3) Ely, Allegro, Staff (CSI, GER 4A)
A survey of African American history from the colonial period to emancipation. (Cross listed with HIST 235)

AFST 236 - African American History since Emancipation

Fall (3) Ely, Allegro, Staff (CSI, GER 4A)
A survey of African American history from the colonial period to emancipation. (Cross listed with HIST 236)

AFST 250 - African-American English

Fall or Spring (4) Charity-Hudley (College 200, CSI, ACTV)
This course explores the sociolinguistics of English spoken by African-Americans in the United States. We examine the relationship of African-American English to linguistic theory, education praxis, and American culture. This course prepares students for community-based research. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross listed with LING 250)

AFST 251 - Soon Come: Caribbean Languages and Identities

Spring (3) Osiapem
This course explores the history, structure, and sociocultural aspects of language development in the Caribbean. This course explores the history, structure, and sociocultural aspects of language development in the Caribbean.

AFST 281 - Ancient African History

Fall or Spring (3) Bishara, Choin, Pope, Vinson
This course covers African history before AD 600, with emphasis on political and cultural histories of ancient cities and states. It is a more focused survey than HIST 181, but it has no prerequisites and assumes no prior knowledge of Africa. (Cross-listed with HIST 281)

AFST 282 - Medieval African History

Fall or Spring (3) Bishara, Choin, Pope, Vinson
This course covers African history between 600 and 1500, with emphasis on the influence of Islam and changing commercial networks. It is a more focused survey than HIST 181, but it has no prerequisites and assumes no prior knowledge of Africa. (Cross-listed with HIST 282)

AFST 283 - Early Modern African History

Fall or Spring (3) Bishara, Choin, Pope, Vinson
This course covers African history between 1500 and 1800, particularly Africa's changing relationship with Western Europe and

the Americas. It is a more focused survey than HIST 181, but it has no prerequisites and assumes no prior knowledge of Africa. (Cross-listed with HIST 283)

AFST 299 - African Americans and Africa

Fall or Spring (3) Vinson
This course explores the political, socio-economic, educational and cultural connections between African Americans and Africa. It examines the close linkages but also the difficulties between Africans and diasporic peoples in the modern era. (Cross-listed with HIST 310)

AFST 300 - Pan-Africanism: History of a Revolutionary Idea

Fall or Spring (3) Vinson (GER 4C)
This course surveys the history of Pan-Africanism, a global political movement that considers Africans and diasporic blacks to have a common history, present and future, often proclaiming an objective of African political, socio-economic and cultural self-determination and asserting a fierce pride in African history and culture. (Cross-listed with HIST 316)

AFST 301 - Critical Debates in Africana Studies

Spring (3-4) Staff. Prerequisite(s): AFST 205.
Course provides an in-depth study and discussion of a specific issue of significant debate in Africana Studies. Topics may vary by semester. This writing-intensive seminar satisfies the major writing requirement.

AFST 304 - Introduction to the African Diaspora

Fall or Spring (3) Vinson
Reviews the dispersions of peoples from the African continent since ancient times. Major themes include the Atlantic Slave Trade, the post-emancipation fight for full citizenship in the Americas, and interactions between diasporic blacks and Africans. (Cross listed with HIST 323)

AFST 305 - African Diaspora since 1808

Fall or Spring (3) Vinson
This course examines the African Diaspora since 1800 with major themes including the end of slavery, the fight for full citizenship and the close interactions between diasporic blacks and Africans. Students who have already taken HIST 323 - The African Diaspora, 1492-1808 are particularly encouraged to take this more advanced class. (Cross listed with HIST 324)

AFST 306 - Topics in Africana Studies

Fall or Spring (1-4) Staff. Prerequisite(s): AFST 205.
Approved courses focusing on relevant topics in Africana Studies, including those offered by allied Departments and Programs. The list of eligible, mostly cross-listed, courses is available at the University Registrar's website each semester prior to preregistration. This course may be repeated for credit if there is no duplication of topic.

AFST 307 - Workshop on Black Expressive Culture

Spring (3-4) Staff. (College 200, ALV)
An arts-oriented workshop that will vary depending on the specialization of the professor(s) currently teaching the course. With faculty supervision, students will create and present individual Africana- related projects. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) This course may be repeated for credit if there is no duplication of topic.

AFST 308 - West Africa Since 1800

Fall or Spring (3) La Fleur (GER 4B)
Explores the survival of West Africans in ancient environments, subsequent challenges in trans-Saharan and Atlantic slave trade, colonial overrule, political independence, and ever-increasing globalization as well as relocation to rural America in the early Atlantic era and eventually to contemporary American cities. (Cross listed with HIST 280)

AFST 309 - African Economic Development

Fall (3) Shiferaw. Prerequisite(s): ECON 101 /ECON 151 and ECON 102 /ECON 152.
Africa was richer than Asia until the 1970s, but faltered subsequently. We seek credible explanations using economic theory and the available evidence. We will address a number of issues comparatively including the role of geography, demography, historical legacies, the global environment, and domestic economic governance to understand the diversity of economic performance within Africa itself.

AFST 310 - Comparative Economic Inequality in Multiracial Societies

Spring (3) Abegaz. Prerequisite(s): ECON 101 -ECON 102.
A comparative study of the historical patterns of income and wealth inequality in multiracial economies. Theory and empirical evidence on racial and class inequality will be examined with a focus on three canonical case studies (Brazil, South Africa, and U.S.). (Cross listed with ECON 346)

AFST 312 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics

Fall or Spring (3) Vinson (GER 4C)
This course examines the Civil Rights movement as part of a centuries-long tradition of black freedom struggles. The course also compares the Civil Rights movement with the South African anti-apartheid struggle and shows the close transnational relationship between African Americans and black South Africans. (Cross listed with HIST 231)

AFST 314 - Labor Markets and Entrepreneurship in a Comparative Prospective

Spring (3) Shiferaw. Prerequisite(s): ECON 101 /ECON 151 and ECON 102 /ECON 152.
Significant racial inequality in labor market outcomes and entrepreneurial success persist in open societies. This course examines the nature and extent of the disparities with a focus on three multiracial societies (Brazil, South Africa, and the U.S.). We will address issues of labor market segmentation and discrimination as well as inter-group variations in entrepreneurship with a focus on capital formation, growth, and income inequality.

AFST 316 - African History to 1800

Fall (3) LaFleur, Pope, Staff (GER 4B)
A thematic approach to socio-economic and political change In Africa from early times to 1800. Emphasis Is on African cultural heritage, state building, internal and external trade, and Interaction with outside forces: Islam, Christianity and colonialism, as well as on Africa's most pressing problems of the time. (Cross listed with HIST 181)

AFST 317 - African History during Colonialism and Independence

Spring (3) Bishara, Chouin, Pope, Vinson (GER 4B)
This course cover African History from 1800 to the present, with emphasis on African state-building, slavery and abolition, the Africanization of Islam and Christianity, Colonialism and Anti-Colonial Politics, African Independence/Pan-Africanism and contemporary issues. (Cross listed with HIST 284)

AFST 318 - Seminar on Caribbean Diaspora

Spring (3) Osiapem
This goal of this course is to introduce students to the concept of the Caribbean Diaspora (the Caribbean as it exists beyond its geographic limits) and its rich linguistic and literary traditions. We will examine scholarly material that deals with themes of displacement while finding home. We will first survey Caribbean history and its place within a Diasporic framework to gain a deeper understanding of the Caribbean experience and global migration patterns as people find a home away from home in reconstituted Caribbean communities elsewhere. Along the way, we will look at linguistic styles and structure in the Caribbean and abroad. In addition, we will explore literary and linguistic expression of 20th century Caribbeans living abroad such as Edwidge Danticat (Haiti), Julia Alverez (Dominican Republic), Paule Marshall (Barbados), and Nalo Hopkinson (Jamaica).

AFST 319 - The Caribbean

Fall or Spring (3) Staff (College 200, CSI)
Situated at the crossroads of Africa, Europe, Latin America, and the United States, the Caribbean has played a pivotal role in global transformations since 1492. The region's past helped shape and was shaped by many of the contradictory themes defining modern history: slavery and freedom, racism and equality, empire and independence, despotism and democracy, and migration and transnationalism. Focusing on Puerto Rico, the Dominican Republic, Jamaica, and especially Haiti and Cuba, we will explore these themes in Caribbean history from the Haitian Revolution to the present. The course is structured around class discussion. Grading will be based on brief papers and class participation. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with HIST 309 and LAS 309.)

AFST 320 - African Religions, African Lives: Religious Power, Complexity and Change in Africa and the Diaspora

Fall or Spring (3) Staff (GER 4B)
A multidisciplinary study of religious complexity, change and interaction in selected African and African Diaspora societies. Religions studied will include indigenous African traditions, African Islams, and African Christianities.

AFST 321 - Women in Africa and the Diaspora

Fall (3) Sanford (GER 4B, 5)
This course is a multidisciplinary study of women's organizations and collective agency in a range of African, African-American

and African Diasporic settings. It seeks to understand women's collective actions, often described as "wars," "riots," and "strikes," in the context of their own histories and societies. (Cross listed with GSWS 321)

AFST 330 - Arts in Africa

Fall or Spring (3) Staff (GER 4B)
A study the multiple arts of Africa: two and three dimensional visual art, music, verbal arts, performance, and multiple media. Issues explored include the artist and community, creativity and tradition, art and religion, art and politics, and museums and display.

AFST 331 - History of Jazz

Fall (4) Katz, Murchison, Staff (ALV, GER 4A, 5)
A survey of jazz from its origins to the present, focusing on influential improvisers and composers, development of listening skills, and issues or race, gender, commerce, and criticism. (Cross listed with AMST 273 and MUSC 273)

AFST 332 - Sex & Race in Plays & Films: Dramatizing Diversity

Spring (4) Tanglao-Aguas (College 200, ACTV, ALV, GER 4C, GER 6)
Study of sexuality, gender and race in plays and films dramatizing marginalized communities in the United States and selected countries like France, Iran, Martinique, Mexico, the Philippines, Senegal, and Turkey. Course work includes acting, creative projects, teaching methods, and analytical essays. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with AMES 332, GSWS 332, and THEA 332.)

AFST 334 - History of American Vernacular Dance

Fall (3) Glenn (GER 5)
An introduction, through films and lectures, to dance in U.S. popular culture with an emphasis on its development from roots in African dance to the vernacular forms of tap, ballroom, and jazz by examining the movement styles found in concert jazz, musical theatre, and popular social dances. (Cross listed with AMST 241 and DANC 230)

AFST 335 - History of Hip-Hop

Fall (3) Thelwell (College 200, ALV)
This course offers an introduction to the history of Hip-Hop culture and to Hip-Hop Studies as an academic field. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

AFST 336 - African American Theatre History I

Fall or Spring (3) Green (GER 4A)
This course will examine African-American dramatic literature and performance from its origins in indigenous African theatre through significant periods that conclude with the Civil Rights Movement. (Cross listed with THEA 336)

AFST 337 - African American Theatre History II

Fall or Spring (3) Green (GER 4A)
This course will examine African-American dramatic literature and performance beginning with the Black Arts Movement through significant periods that conclude with contemporary manifestations (Cross listed with THEA 337)

AFST 338 - The Birth of Chicago Blues: Race, Chess Records, and the Blues

Spring (3) Murchison
This course examines the early history of the Chicago-based independent label Chess Records, from its founding to its emergence and rise to become an important force in the music industry. Founded by immigrant brothers, Chess played a major role in disseminating Chicago blues from the late 1940s to the mid-1960s. Muddy Waters, Little Walter, and Howlin Wolf transformed the Delta Blues into the urban Chicago Blues. The business operations at Chess Records also provides a case study of the music industry. The course considers the issue of race and music on the eve of the modern civil rights movement. Cross-listed with MUSC 338.

AFST 340 - Peoples and Cultures of Africa

Spring (3) Weiss (GER3, 4B)
An introduction to the diversity of African cultures and societies. This course will focus especially on experiences of colonialism in various African contexts and the many forms of transformation and resistance that characterize that encounter. (Cross listed with ANTH 335)

AFST 341 - African Ritual and Religious Practice

Spring (3) Weiss (GER 4B)
This course focuses on the diverse forms of religious practice and experience in various social and cultural contexts in Africa. The symbolic, aesthetic, and political implications of ritual, as well as the transforming significance of religious practice, will be explored. (Cross listed with ANTH 337 and RELG 337)

AFST 344 - Politics in Africa

Fall or Spring (3) Roessler (GER 4B)
This course highlights changes in the state structures from pre-colonial indigenous state systems, colonial administration and economy and the rise of the modern African state. (Cross listed with GOVT 337)

AFST 348 - African American Religions

Spring (3) Fitzgerald (GER 4C)
An historical, thematic, and theoretical overview of African American religions from enslavement through contemporary Caribbean and African migrations. (Cross listed with RELG 348)

AFST 350 - Introduction to African Studies

Fall or Spring (3) (College 200, CSI)
This seminar is an introduction to areas, issues, and disciplinary approaches in the study of Africa and African peoples. Its objectives are to stimulate interest in the continent, create awareness of its diversity and complexity, to acquaint students with a range of African histories, economies, institutions, aesthetics and systems of thought, and to teach students to work interdisciplinarily. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

AFST 351 - Introduction to African American Studies

(Fall or Spring) (3) Lott, Staff
This course thematically explores the multifaceted discipline of African American Studies. It considers the historical and political origins and objectives of what was originally Black Studies within the context of 1960s Black Liberation struggles and earlier efforts by Africans and their descendants to transform the United States' educational landscape. Alongside those early academic and sociopolitical concerns, the course also investigates theoretical and critical approaches to African American Studies and the discipline's objectives in relation to present discourses on diversity and the "post-racial."

AFST 365 - Early Black American Literature

Fall (3) McLendon, Braxton, Pinson, Weiss
Survey of Black American literature and thought from the colonial period through the era of Booker T. Washington, focusing on the ways in which developing African American literature met the challenges posed successively by slavery, abolition, and emancipation. (Cross listed with ENGL 365)

AFST 366 - Modern Black American Literature

Spring (3) McLendon, Braxton, Pinson
Survey of African American literature from the 1920s through the contemporary period. Issues addressed include the problem of patronage, the "black aesthetic", and the rise of black literary theory and "womanist" criticism. (Cross listed with ENGL 366)

AFST 367 - Black Nature Writers

Fall or Spring (3) McLendon (College 200, ALV)
Exploration of how Black writers have imagined a cultural relationship to nature through poetry, fiction, non-fiction, visual and performance arts. Within these various artistic contexts, students will study the intersections of nature and culture in a variety of landscapes-wilderness or the "wild," pastoral/antipastoral, urban and suburban-while also considering some of the themes and debates in the field of ecocriticism. "Black" is used here as a term more globally inclusive of people of African descent across the diaspora. (This course is anchored in the ALV domain, and also considers aspects of the CSI and NQR domains.)

AFST 371 - The Idea of Race

Fall or Spring (3) Blakey (CSI)
This course tracks the history of the concept of race in Western science and society. Students are helped to appreciate the subjective influences of science as well as the variety of societal expressions of racial and racist ideas. (Cross listed with ANTH 371)

AFST 386 - Francophone African Literature II (in English)

Fall or Spring (3) Compan-Barnard
This course explores the sub-Saharan African and Caribbean literature written in French that emerged in the French colonial period and continues in the post-colonial period. Major topics to be examined include Negritude and the rise of political

consciousness, cultural conflict with the West, women's voices, Creolite, and post-independence literature. (Cross listed with FREN 386)

AFST 399 - Africana Studies Methodologies

Fall or Spring (3) Lott, Thelwell, Staff
This course introduces students to the diverse methodologies for producing knowledge centered on people of African descent. Material covers all three concentrations of Africana Studies: African, African American, and African Diaspora, for which this is a graduation requirement.

AFST 406 - Advanced Topics in Africana Studies

Fall or Spring (3-4) Staff. Prerequisite(s): AFST 205 and one AFST course at the 300 or 400 level.
Topics will be announced each semester during preregistration. May be repeated if topics vary.

AFST 414 - Major African American Women Writers

Spring (3) McLendon, Braxton, Pinson
This course studies the fiction and non-fiction of major African American women writers such as Toni Morrison, Alice Walker, and Gloria Naylor. Some attention to black feminist/ womanist and vernacular theoretical issues and through selected critical readings. (Cross listed with ENGL 414A or GSWS 414)

AFST 417 - Harlem in Vogue

Fall (3) McLendon, Braxton, Pinson, Weiss
Exploration of the 1920s movement known as the Harlem Renaissance, focusing on the ways race, gender/sexuality, and class informed the artists' construction of identity. Writings by Hughes, Hurston, Larsen, Tooner, among others; some attention to visual art and music. (Cross listed with ENGL 417B)

AFST 418 - Anthropological Reflections of the African Diaspora

Fall (3) Blakey
Eurocentric anthropology, and historiography, often confronted black people with omissions and distortions of African and Diasporic history that belittled them while simultaneously providing tools for reclaiming cultural knowledge of self. Intellectuals from the Diaspora were thusly motivated to write from an anthropological point of view that sought to expose the lie, fill the void, and take control of ideas that empowered societies of African descent. This course explores the debate offered by Diasporans from the 18th-21st century and how its critique of "mainstream" anthropology may help further advance the field. (Cross listed with ANTH 461.)

AFST 425 - Blacks in American Society

Fall or Spring (3) Gossin
This seminar examines changing economic, political, educational and residential conditions of Blacks in the United States in terms of their historic and contemporary consequences. Explores the diverse experiences of Americans of African descent and intra-group tensions (class and gender related). (Cross listed with SOCL 425)

AFST 426 - The Rise and Fall of Apartheid

Fall or Spring (3) Vinson (GER 4C)
This class explores the rise and fall of apartheid, the system of rigid racial segregation and domination that existed in South Africa from 1948 to 1994. It examines the successful anti-apartheid movement but also considers apartheids legacy in contemporary South Africa. (Cross-listed with HIST 325)

AFST 427 - History of Modern South Africa

Fall or Spring (3) Vinson (CSI, GER 4C)
This course provides a detailed examination of segregation and apartheid in twentieth century South Africa and charts the development and ultimate success of the anti-apartheid movement that led to the 'miracle' of a democratic South Africa. (Cross-listed with HIST 317)

AFST 458 - Caribbean Archaeology

Fall and Spring (3) Smith (GER 4B)
The Archaeology of Western Atlantic Islands for the period 1492-1900 AD. Includes the pre-Columbian background, and contact between indigenous and European groups. European settlement and island development will be examined through recent archaeological work on urban settlements, military forts, commercial structures, sugar mills, and others. (Cross-listed with ANTH 458)

AFST 480 - Independent Study

Fall or Spring (3-4) Staff. Prerequisite(s): AFST 205, and consent of instructor.
A directed readings/research course conducted on an individual or small group basis on various topics in Africana studies that are not normally or adequately covered in established courses. Open only to majors who have completed at least half of the major requirements. No more than 6 independent study credits may be counted toward the major.

AFST 495 - Senior Honors

Fall, Spring (3) Staff. Prerequisite(s): Approval by Program Director.
Students admitted to Senior Honors in Africana Studies will be responsible for (a) formulating a program of study in consultation with an AFST advisor, (b) satisfactory completion by April 15th of an original scholarly essay on a topic approved by the Advisory Committee, and (c) a comprehensive oral examination. Application for Honors, which includes a faculty signature and a prospectus, should be made to the Charles Center in early September of the senior year. An acceptable research proposal includes: (1) a clear statement of the research problem; (2) a brief, critical review of the scholarly literature on the topic; and (3) a description and defense of the methodology to be employed. For College provisions governing Honors, see the section of the Catalog titled Honors and Special Programs.

AFST 496 - Senior Honors

Fall, Spring (3) Staff. Prerequisite(s): Approval by Program Director.
Students admitted to Senior Honors in Africana Studies will be responsible for (a) formulating a program of study in consultation with an AFST advisor, (b) satisfactory completion by April 15th of an original scholarly essay on a topic approved by the Advisory Committee, and (c) a comprehensive oral examination. Application for Honors, which includes a faculty signature and a prospectus, should be made to the Charles Center in early September of the senior year. An acceptable research proposal includes: (1) a clear statement of the research problem; (2) a brief, critical review of the scholarly literature on the topic; and (3) a description and defense of the methodology to be employed. For College provisions governing Honors, see the section of the Catalog titled Honors and Special Programs.

AFST 498 - Internship

Fall, Spring, or Summer (3) Staff. Prerequisite(s): Approval by Program Director.
Qualified AFST majors may receive credit for a pre-approved program that provides an opportunity to apply and expand knowledge under expert supervision in an off-campus position. Internships require a significant written report, and must be overseen by a faculty member, or an external supervisor approved by the Program Director.

AFST 499 - Senior Project in Africana Studies

Spring (3) Tanglao-Aguas, Staff Prerequisite(s): AFST 205, AFST 399 and another methods course.
This is the required culminating course for majors of Africana Studies where students apply their cumulative knowledge into the production of a scholarly research paper or creative project. AFST 495-496: Honors Thesis also fulfills this requirement.

American Studies

Faculty

Professors

Blakey, (National Endowment for the Humanities Professor of Anthropology and American Studies), **Donaldson** (Director of Undergraduate Studies) (National Endowment for the Humanities Professor of English and American Studies), **Gundaker** (on leave 2016-2017) (Dittman Professor of American Studies and Anthropology), **Meyer** (Class of 1964 Distinguished Associate Professor of American Studies and History), **Scholnick, Sawaya** (Director of Graduate Studies)**, Webster** (Mahoney Professor of Art and Art History)

Associate Professors

Braddock (on leave 2016-2017) (Ralph H. Wark Associate Professor of Art History & American Studies), **Brown**, **Knight**, **Losh** (on leave Spring 2017), **McGovern** (Program Director), **Rosen** (on leave 2016-2017) and **Weiss**

Assistant Professor

Lelievre (on leave Spring 2017)**,** and **Thompson**

Emeritus Faculty

R. Price, S. Price, Wallach

The American Studies Program

The American Studies program engages students in examination of the culture and society of the United States, past and present. As a nation born of immigration and encounter, the United States has always embraced diverse racial and ethnic groups in mutual encounter and conflict. It has also undergone endless change, through transformations wrought by geographical expansion, democracy, industrialization, urbanization, and the pressures of war and international politics. These forces ranged from the forcible removal of Native Americans from their lands, and enslavement of Africans, to the most intimate realms of life, such as the relations between men and women in the home and attitudes toward the body.

Yet, in the midst of these large movements of history, many Americans have forged distinctive cultures--ways of thinking, feeling and acting--that express their basic values and give meaning to their institutions and everyday social practices. Such cultures reflect, in part, the different experiences of people, according to their race, gender, and class. But they may also attest to Americans' participation in a larger ideological heritage, shaped by ideals of democracy and equality that have been affirmed in major political movements, such as the American Revolution, and articulated in art, literature, music, and films.

The American Studies program offers an opportunity to explore the commonalities and differences among Americans through an interdisciplinary course of studies. All students are expected to develop a solid grounding in history as a basis and context for their other investigations of American life. Working closely with their advisor, students will assemble a set of courses, designed both to represent the diversity of cultures and social forms within the United States and to pursue significant themes or questions in depth. In developing the major, students may also take up comparative perspectives on the United States, considering, for example, African American life within the context of the black diaspora, or the American experience of industrial capitalism as a variant on a general model in the West.

Programs

American Studies, BA

Required Credit Hours: 37

Major Computing Requirement:

- AMST 370 - Junior Seminar: America and the Americas *(4)*

Major Writing Requirement:

- AMST 370 - Junior Seminar: America and the Americas *(4)*
- AMST 470 - Topics in American Studies *(1-4)*

Core Requirements:

At least 24 of the required 37 credits must be in courses numbered 300 and above, in courses on American topics distributed among the following areas (an updated list of approved courses is available on the American Studies website and from the Director of Undergraduate Studies):

a) One "Introduction to American Studies" Course

Select one "Introduction to American Studies" course

- AMST 201 - American Popular Culture and Modern America *(4)*
- AMST 202 - Introduction to American Studies: Cinema and the Modernization of U.S. Culture, 1914-1945 *(4)*
- AMST 203 - Introduction to American Studies: American Medicine: A Social and Cultural History *(4)*
- AMST 204 - The American Way of War *(4)*
- AMST 205 - Sexuality In America *(4)*
- AMST 206 - Black Popular Culture in the Americas: From the Folk to the New Hip Hop *(4)*
- AMST 207 - Black Movement and Migrations *(3)*
- AMST 208 - Dis/Ability Studies *(4)*

- AMST 209 - Interracialism: Race, Literature and the Law *(4)*
- AMST 210 - Utopia in America *(4)*

b) At Least Six Credits in American History

At least 6 approved credits in History (an updated list of approved courses is available on the American Studies website and from the Director of Undergraduate Studies):

c) At Least Nine Credits in Humanities/Expressive Cultural Forms

At least 9 approved credits from English, Art and Art History, Dance, Kinesiology, Music, and Theatre or other expressive cultural forms. The courses below may be used to fill this area, but many others as well. For a full list of approved courses see the American Studies website or contact the Director of Undergraduate Studies:

- AMST 240 - The History of Modern Dance *(3)*
- AMST 241 - History of American Vernacular Dance *(3)*
- AMST 271 - Popular Music in the United States *(4)*
- AMST 273 - History of Jazz *(4)*
- AMST 343 - American Ethnic Literature and Culture *(3)*
- AMST 350 - Topics in American Culture *(1-4)*
- AMST 445 - The Making of a Region: Southern Literature and Culture *(3)*

d) At Least Six Credits in Social Sciences

At least 6 approved credits from Anthropology, Economics, Government, Philosophy, Religion, and Sociology or other social sciences. The courses below may be used to fulfill this area, but many others courses can count as well. For a full list of approved courses see the American Studies website or contact the Director of Undergraduate Studies:

- AMST 341 - Artists and Cultures
- AMST 350 - Topics in American Culture *(1-4)*

e) Junior Seminar

- AMST 370 - Junior Seminar: America and the Americas *(4)*

f) At Least Six Credits of American Studies Topics Seminars

Select two topics courses (minimum 6 credits):

- AMST 470 - Topics in American Studies *(1-4)*

g) At Least Two Credits of Independent Study

Select one of the following:

- AMST 410 - Williamsburg Documentary Project *(3)*
- AMST 480 - Independent Study *(2-3)*
- or a two semester honors project *(6 credits)*

American Studies, Minor

Required Credit Hours: 20

Core Requirements:

At least 13 of the required 20 credits must be in courses numbered 300 and above. Students must take at least 3 credit hours each from approved courses in requirements b), c), and d) of the American Studies major (an updated list of approved courses is available on the American Studies website and from the Director of Undergraduate Studies) in addition to meeting the following three core requirements:

a) One "Introduction to American Studies" Course

Select one "Introduction to American Studies" course.

- AMST 201 - American Popular Culture and Modern America *(4)*
- AMST 202 - Introduction to American Studies: Cinema and the Modernization of U.S. Culture, 1914-1945 *(4)*
- AMST 203 - Introduction to American Studies: American Medicine: A Social and Cultural History *(4)*
- AMST 204 - The American Way of War *(4)*
- AMST 205 - Sexuality In America *(4)*
- AMST 206 - Black Popular Culture in the Americas: From the Folk to the New Hip Hop *(4)*
- AMST 207 - Black Movement and Migrations *(3)*
- AMST 208 - Dis/Ability Studies *(4)*
- AMST 209 - Interracialism: Race, Literature and the Law *(4)*

b) Junior Seminar

- AMST 370 - Junior Seminar: America and the Americas *(4)*

c) At least 3 Credits of American Studies Topics Seminars

- AMST 470 - Topics in American Studies *(1-4)*

Course Descriptions

AMST 100 - Critical Questions in American Studies

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in American Studies, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

AMST 201 - American Popular Culture and Modern America

(4) McGovern (GER 4A)
This course introduces and examines forms of popular culture that emerged after 1865. It considers popular culture within the context of social, political, and economic changes In the U.S., such as migration, Industrialization, technology, and globalization of capitalism.

AMST 202 - Introduction to American Studies: Cinema and the Modernization of U.S. Culture, 1914-1945

(4) Knight (GER 5)
This course introduces students to the forms and techniques of cinema. At the same time, it will examine how cinema, Americas most popular and powerful entertainment, both reflected and participated in the social, cultural, and political upheavals of the first half of the twentieth century.

AMST 203 - Introduction to American Studies: American Medicine: A Social and Cultural History

(4) Scholnick (College 200, CSI, GER 4A)
An overview of American medicine from the 18th century to the present. Subjects include the changing understanding of disease; the social role of the physician; and society's response to such public health crises as cholera and AIDS. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

AMST 204 - The American Way of War

(4) Brown
This course examines the social and cultural history of Americans at war from the latter part of the 17th century to the present. Course readings will concentrate on primary sources: fiction, memoirs, and historical accounts drawn from three centuries of American experiences in combat.

AMST 205 - Sexuality In America

(4) Meyer
The course introduces students to the study of American culture through history, popular culture, multiple media, and scientific literature concerned with sexualities in America. The course will also show how normative sexualities are articulated distinctly depending on race, class, ethnicity, immigrant status, and other factors related to specific American communities.

AMST 206 - Black Popular Culture in the Americas: From the Folk to the New Hip Hop

(4) Staff (GER 4C, 5)
Course compares black culture from the early 20th c. folk practices to 21st c. Hip Hop in the US and the Caribbean. It considers these expressions in political, social, and economic contexts. Course materials include literature, film, music, and art.

AMST 207 - Black Movement and Migrations

(3) Staff (GER 5)
This course will explain the chronology of African American experience by exploring the landscapes across which it has traveled the fields, rivers, trains, steamboats, diners, both the rural and urban spaces of America and beyond. The course will examine some of the major themes, problems, events, structures, and personalities, paying particular attention to how African Americans themselves shaped their experiences and how movement informs those experiences. Each class will engage in a close examination of a variety of primary sources, including: autobiographies, fiction, film, speeches, music, and visual art.

AMST 208 - Dis/Ability Studies

(4) Thompson
Introduction to Dis/ability Studies with an American Studies approach to study how the social constructions, symbols, and stigmas associated with dis/ability identity are related to larger systems of power that oppress and exclude.

AMST 209 - Interracialism: Race, Literature and the Law

(4) Weiss
Using 19th and 20th century American fiction, laws, decisions and social, historical and legal scholarship, this course will explore the legal and cultural history of "miscegenation" in the United States."

AMST 210 - Utopia in America

(4) Donaldson (College 200, CSI)
An interdisciplinary, historical survey of experiments with and quests for the ideal society, from New England Puritan settlements and alternative religious and secular communities to nineteenth-century reform and religious movements, speculative fiction, urban planning, and countercultural communes. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

AMST 225 - Archaeological Field Methods

(6) An introduction to archaeological field and laboratory methods through participation in a field archaeological project. Archaeological survey and mapping, excavation techniques, data collection and recording, artifact processing and analysis and related topics.

AMST 240 - The History of Modern Dance

(3) Glenn (GER 5)
An introduction through films and lectures to the field of modern dance, which is rooted in American culture, with emphasis on the stylistic approach and aesthetic of the artists who have contributed to its development in the twentieth century. (Cross listed with DANC 220)

AMST 241 - History of American Vernacular Dance

(3) Glenn (GER 5)
An introduction through films and lectures to dance in U.S. popular culture with an emphasis on its development from roots in African dance to the vernacular forms of tap, ballroom, and jazz by examining the movement styles found in concert jazz, musical theatre, and popular social dances. (Cross listed with AFST 334 and DANC 230)

AMST 271 - Popular Music in the United States

(4) Staff (GER 4A, 5)
This course addresses popular musical expression in the continental United States from a historical and cultural perspective. In addition to exploring representative types of music such as traditional, folk, sacred and dance music, ragtime, blues, jazz, rock and country as well as musical traditions associated with immigrant groups and global music networks, students will have the opportunity to examine these musical traditions critically by focusing on particular eras, regions, themes or groups of artists. This course treats the traditions of vernacular musics in the United States, specifically those commonly known as religious, popular, folk, jazz, rock, and country. It will survey the literature of these musics expression and consider questions of cultural meaning. (Cross listed with MUSC 271)

AMST 273 - History of Jazz

(4) Staff (ALV, GER 4A, 5)
A survey of jazz from its origins to the present, focusing on the most influential improvisers and composers. Issues of race, class, and gender will arise as we examine the attitudes of listeners, jazz musicians and promoters. (Cross listed with AFST 331 and MUSC 273)

AMST 341 - Artists and Cultures

Staff (GER 4C)
This course will explore the artistic ideas and activities of people in a variety of cultural settings. Rather than focusing primarily on formal qualities (what art looks like in this or that society), it will examine the diverse ways that people think about art and artists, and the equally diverse roles that art can play in the economic, political, religious, and social aspects of a cultural system. Materials will range from Australian barkcloth paintings to Greek sculptures, from African masks to European films. (Cross listed with ANTH 364)

AMST 343 - American Ethnic Literature and Culture

(3) Weiss (GER 5)
The course aims to increase students understanding of the rich complexity of American life by studying multi-ethnic American literature and culture. We will explore some of the theoretical problems associated with race and ethnicity. For the most part, however, we will work outward from certain key texts, pursuing the questions that emerge in and from them. We will consider such matters as the evolution of immigration law, the problems of identity and dual identity, and the question of assimilation versus cultural separatism. We will also emphasize the achievement of these texts as literary documents that need to be understood as responding to local cultural practices even as they speak more broadly to Americans as a whole.

AMST 350 - Topics in American Culture

Fall and Spring (1-4) Staff
Selected topics in the study of American culture. Recent topics have included: The Idea of Race, Unlikeable Women, The Asian American Experience, Gender and Digital Culture, Social Determinants of Health, The US 1945-1975: Society, Thought and Culture, and African American Religions. May be repeated for credit. May be repeated for credit.

AMST 370 - Junior Seminar: America and the Americas

Fall (4) Knight. Prerequisite(s): One of: AMST 201 to AMST 210, or consent of instructor.
By exploring theoretical, methodological and historical approaches to a range of cultural materials, students will critically engage with how American Studies and its related disciplinary fields have addressed the politics and culture of national identity in the U.S. (Non-majors may enroll only by permission of the instructor.)

AMST 410 - Williamsburg Documentary Project

(3) Lelievre
In this course students will learn a variety of interdisciplinary methods--e.g., oral history collection, archival research, material cultural analysis--for doing American Studies research. They will then apply these methods practically to the study of Williamsburg in the 20th century. (Non majors may enroll with consent of instructor.)

AMST 425 - Advanced Archaeological Field Methods

(6) Prerequisite(s): ANTH 225 or equivalent and field experience, or by consent of the instructor.
The application of archaeological methods to an individual field project. The course will allow advanced students to work on an individual project within the framework of a supervised archaeological field program.

AMST 445 - The Making of a Region: Southern Literature and Culture

(3) Donaldson
An interdisciplinary examination of 19th- and 20th-century southern texts within the cultural context of self-conscious regionalism. Emphasis is on the interaction between literature and the social configurations of slavery, abolitionism, southern nationalism, racism, traditionalism, and the civil rights movement.

AMST 470 - Topics in American Studies

Fall and Spring (1-4) Staff
Selected topics in the study of American studies. Recent topics have included: Hip Hop Culture and History, Information in America, Biopolitics, Capitalism and American Literature, Disability in America, American Indian Sovereignty, and Collecting and Exhibiting Culture. May be repeated for credit.

AMST 480 - Independent Study

(2-3) Staff
A program of extensive reading, writing, and discussion in a special area of American Studies for the advanced student. Students accepted for this course will arrange their program of study with an appropriate faculty advisor. This course may be repeated for credit.

AMST 495 - Honors

(3) Braddock
Students admitted to Honors study in American Studies will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for (a) formulating a program of study in consultation with a faculty advisor; (b) preparation and presentation of an Honors essay two weeks before the last day of classes, spring semester; (c) satisfactory performance in a comprehensive oral examination which focuses on the subject matter of the Honors essay. Students who wish to write an honors essay in the senior year must write a brief proposal outlining the project. This proposal must be approved by the faculty advisor and the Director of Undergraduate Studies in the semester before work on the project begins. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

AMST 496 - Honors

(3) Braddock
Students admitted to Honors study in American Studies will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for (a) formulating a program of study in consultation with a faculty advisor; (b) preparation and presentation of an Honors essay two weeks before the last day of classes, spring semester; (c) satisfactory performance in a comprehensive oral examination which focuses on the subject matter of the Honors essay. Students who wish to write an honors essay in the senior year must write a brief proposal outlining the project. This proposal must be approved by the faculty advisor and the Director of Undergraduate Studies in the semester before work on the project begins. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

AMST 498 - Internship

(3) Braddock
This course is designed to allow students to gain knowledge through experience in a setting relevant to the study of America. Students will be supervised by a faculty advisor. The internship includes readings in related areas of theory and research as assigned by the supervising faculty. Permission from the Director of Undergraduate Studies is required as is the completion of the Internship form from the Dean of Undergraduate Studies. This course may be repeated for credit.

Anthropology

Faculty

Professors

Blakey (NEH Professor), **Bragdon**, **Gundaker** (Dittman Professor) (on leave 2016-2017), **Hamada**, **Horning** and **Weiss** (Chair)

Research Associate Professors

Bowen and **Brown**

Associate Professors

Fisher (on leave 2016-2017)**, Gallivan**, **Glasser** (on leave 2016-2017), Kahn (on leave 2016-2017), and **Norman**

Assistant Professors

Jones, Lelievre and **Wright**

Senior Lecturer

Moretti-Langholtz

Instructors

Moyer

Affiliated Scholars

Kelley

The Anthropology Program

Anthropologists research and teach in a variety of geographical locations and disciplinary subfields. Field and laboratory training in cultural anthropology, archaeology, and biological anthropology are provided in a variety of courses, as well as through individual research. Courses in the subfield of linguistics are cross-listed with the English Department. The department has programs in historical archaeology and sponsors summer field schools at various sites. The William & Mary Archaeological Conservation Center and the Center for Archaeological Research also provide research opportunities and student instruction.

Programs

Anthropology, BA

Required Credit Hours: 33

Major Computing Requirement:

- ANTH 300 - History of Anthropological Theories *(3)*

Major Writing Requirement:

- ANTH 470 - Senior Seminar in Anthropology *(4)*

Core requirements:

- ANTH 202 - Introduction to Cultural Anthropology *(3)*
- A second course in sociocultural anthropology in addition to 202
- ANTH 300 - History of Anthropological Theories *(3)*
- One course each in archaeology and biological anthropology
- ANTH 470 - Senior Seminar in Anthropology *(4)*

Note:

Note that the requirement to take a course each in archaeology and biological anthropology may be fulfilled by choosing among an array of courses within each subfield, including 201 and 203. Transfer students may petition to have a comparable class to 202, taken at another institution, substitute for 202; none of the other required courses may be waived. Only one field school (6 credits for Anthropology 225 or 425) may be counted as part of the 33 required credits for the major.

Anthropology, Minor

Required Credit Hours: 18

Core requirements:

- ANTH 202 - Introduction to Cultural Anthropology *(3)*

- At least one course in another subfield (archaeology, biological anthropology or linguistics)
- Four additional courses in Anthropology

Additional Information:

Only one field school (i.e., 6 credits for Anthropology 224, 225 or 425) may be counted towards the four additional courses.

Native Studies, Minor

Required Credit Hours:

18 credits of core courses. At least 3 of those credits must be in ANTH courses. ANTH 225, ANTH 425, and ANTH 498 are limited to 3 credits each.

- AMST 350 - Literature of the Americas *(3)*
- AMST 470 - Mobility *(3)*
- AMST 470 - Sovereignty *(3)*
- ANTH 225 - Archaeological Field Methods *(6)*
- ANTH 322 - Archaeology of North America *(3)*
- ANTH 323 - Indians of North America *(3)*
- ANTH 324 - Indians of the Southwest *(3)*
- ANTH 325 - Sun Dance People *(3)*
- ANTH 329 - Native History and the Colonial Encounter *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*
- ANTH 350 - Museums and Representation *(3)*
- ANTH 350 - Peoples and Cultures of Polynesia *(3)*
- ANTH 362 - Knowledge, Learning and Cognition in "Non-Western" Societies *(3)*
- ANTH 425 - Advanced Archaeological Field Methods *(6)*
- ANTH 427 - Native People of Eastern North America *(3)*
- ANTH 459 - Tsenacomoco: Native Archaeology of the Chesapeake *(3)*
- ANTH 498 - Internship *(variable credit)*
- ARTH 396 - Art of the Andes *(3)*
- HIST 131 - Survey of Latin American History to 1824 *(3)*
- HIST 132 - Survey of Latin American History since 1824 *(3)*
- HIST 238 - American Indian History since 1763 *(3)*
- HIST 490 - Race and Ethnicity in Latin America *(4)*
- LING 464 - Native Languages of the South *(3)*

Additional Information:

Students must design their minor in consultation with a member of the Advisory Board. Additional electives may be considered.

Course Descriptions

ANTH 150 - First Year Seminar

Fall and Spring (4) Staff
An exploration of a specific topic in Anthropology. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

ANTH 201 - Lost Worlds and Archaeology

Fall and Spring (3) Gallivan, Kahn, Lelievre, Norman, Smith (College 200, CSI, GER 4B)
An introduction to the concepts and methods used to reconstruct past societies from their material remains and a survey of world prehistory from the earliest hunting-gathering societies to the origins of civilization. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

ANTH 202 - Introduction to Cultural Anthropology

Fall and Spring (3) Bragdon, Fisher, Staff (College 200, CSI, GER 4C)
An introduction to the study of contemporary human societies and cultures, using anthropological concepts and principles, and focusing on ecology, economic relations, marriage, kinship, politics, law, and religion. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

ANTH 203 - Introduction to Biological Anthropology

Fall (3) King (College 200, NQR, GER 2B)
How do biological anthropologists study our own species? This course looks at data and theory on evolution of monkeys, apes, human ancestors, and humans. Origins of bipedalism, technology, language, and religion, and anthropological views on race and human variation, are discussed. (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.)

ANTH 204 - The Study of Language

Fall and Spring (4) Staff (College 200, CSI, GER 3)
An introduction to linguistics, the scientific study of human language. Considers languages as structured systems of form and meaning, with attention also to the biological, psychological, cultural, and social aspects of language and language use. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.) (Cross listed with ENGL 220 / LING 220)

ANTH 224 - Caribbean Archaeology and Heritage

Summer (6) Smith (GER 4B)
An Introduction to archaeological field and laboratory methods within the context of a cross-cultural experience in the Caribbean island of Barbados. Archaeological survey and mapping, excavation techniques, data collection and recording, artifact processing and analysis. Regular interactions and engagements with local community, especially university scholars and museum personnel involved in heritage management in the island.

ANTH 225 - Archaeological Field Methods

Summer (6) Staff
An introduction to archaeological field and laboratory methods through participation in a field archaeological project. Archaeological survey and mapping, excavation techniques, data collection and recording, artifact processing and analysis and related topics.

ANTH 226 - Cultural Heritage and Archaeological Methods Field School

Summer (6) (College 300, ACTV)
This course will include readings on Hawaiian archaeology to be completed before traveling to Hawai'i. The entirety of the course will take place the Hawaiian Islands, and the majority of it will involve field research in a remote field site- Miloli'i Valley, on the island of Kaua'i (Hawaiian Islands). Students will participate in two ten-day field projects, focusing on mapping, describing, and excavation of pre-contact and post-contact Hawaiian residential sites and agricultural sites. After each ten-day field stay we will return to the main town of Lihue where we will 1) complete lab work based on our site excavations, 2) visit other pre-contact and post-contact Hawaiian cultural heritage sites with native Hawaiian practitioners and island specialists and, 3) complete community based projects in collaboration with native Hawaiian community leaders. Native Hawaiian cultural specialists and members of the Na Pali Coast Ohana, a local stewardship group, will take part in all parts of the project, including the two ten-day field projects, the lab analysis, the field trips, and community outreach projects.

ANTH 241 - Worlds of Music

Spring (4) Rasmussen (College 200, ALV, GER 4B)
This course will introduce students to musical cultures of the non-Western world. Topics will include: native concepts about music, instruments, aesthetics, genres, relationship to community life, religion, music institutions, and patronage. Course goals will be to develop skills useful for a cross-cultural appreciation and analysis of music, and to bring questions about music into the domain of the humanities and social sciences. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with MUSC 241)

ANTH 300 - History of Anthropological Theories

Fall and Spring (3) Bragdon, Fisher. Prerequisite(s): ANTH 202. *(CSI)*
This seminar addresses the historical development of anthropology and explores major theories, including structural-functionalism, structuralism, cultural ecology, and symbolic anthropology. The position of anthropology and its distinctive contributions within the social sciences will be emphasized.

ANTH 301 - Methods in Archaeology

Fall and Spring (3) Gallivan, Kahn Prerequisite(s): ANTH 201
A general introduction to field and laboratory techniques of prehistoric and historic archaeological research. There is a fee associated with this laboratory.

ANTH 302 - Ethnographic Research

Fall and Spring (3) Staff. Prerequisite(s): ANTH 202.
An introduction to ethnographic fieldwork, including research design, proposal writing, methods used in ethnographic research, and approaches to writing ethnography.

ANTH 303 - Museums in the History of Anthropology

Summer (3) Bragdon (GER 4C)
This course looks at Anthropology Museums and the History of Ethnographic Collecting as a "way into" an understanding of the history of the field of Anthropology itself. 19th century Museum ethnology gave way in Europe and in North America to the new interest cultural and social anthropology, but these latter disciplines retained many ties to older museums and their collecting philosophies. This course combines "fieldwork" studying existing ethnological museum display and collections, with broader discussions of the rise of British social anthropological theory and American cultural anthropology as academic disciplines. Issues such as the relationship of museum collecting to colonialism, material cultural theory and its implications for ethnographic analysis, and the current role ethnographic museums play in the teaching of anthropology will also be addressed.

ANTH 305 - Comparative Colonial Studies

Fall (3) Staff (GER 4C)
The course will examine colonialism from a comparative perspective in both the ancient and the modern world. Emphasis given to early civilizations and their expansion, to European colonialism and the creation of the Third World, and to contemporary forces of colonialism.

ANTH 306 - Women, Gender and Culture

Fall (3) Staff. Prerequisite(s): ANTH 202.
An examination of ethnographic research on women and the cultural construction of gender. Emphasis is given to non-Western cultures, with some attention to the contemporary United States. (Cross listed with GSWS 306)

ANTH 307 - Social Anthropology

Spring (3) Fisher. Prerequisite(s): ANTH 202. *(GER 3)*
An introduction to the problem of social order and meaning through a consideration of kinship, social organization, ritual and symbolism. The course focuses on anthropological theories useful for describing the way kinship, gender, and age may be used to organize economic, political, and social institutions.

ANTH 308 - Language and Culture

Fall (3) Bragdon, Taylor. Prerequisite(s): ENGL 220/LING 220 / ANTH 204 or ANTH 202
This course addresses the interrelations between language and culture, surveying the research topics and methods which constitute linguistic anthropology today. (Cross listed with ENGL 308 and LING 308.)

ANTH 309 - Medicine and Culture

Fall (3) Weiss (GER 3,4C)
The course explores various theories of health, illness and therapy in sociocultural terms. We consider such issues as possession and therapy, medicine and the development of colonialism, and the role of biomedicine in shaping cultural discourse.

ANTH 310 - Primate Behavior

Spring (3) King. Prerequisite(s): Recommended ANTH 203. *(NQR)*
Emphasizing Old World monkeys and apes, this course explores data and theory on non-human primate behavior. Topics include social structure, male-female relating, learning, communication, conservation, zoo ethics. Slides and videos used; optional zoo research encouraged.

ANTH 312 - Comparative Colonial Archaeology

Fall (3) Staff (CSI, GER 4C)
The archaeology of the era since the beginning of exploration by Europeans of the non-European world with major emphasis upon North America. The domestic, industrial and military past of the 17th- 19th centuries will be examined from an anthropological viewpoint through archaeological and documentary evidence.

ANTH 313 - Gender and Postcoloniality

Fall (3) Staff (GER 7)
This course focuses on gender and power relationships in discussing: the imposition of European normative values and ideologies within colonial contexts; European identities and normativity as a dynamic and ever emerging process between the metropole and colony; indigenous resistance to European enculturation; indigenous norms, values and ideologies; and the postcolonial legacies of these processes. The course provides critical analysis of European employment of enlightenment thought and emerging ideas on race to justify colonial expansion and oppression. Students will critically examine the historical and ideological claims to legitimacy and power within contemporary nations. Have colonial tools of oppression been employed by nations to maintain gender hierarchies and privilege? This course is discussion intensive. (Cross listed with GSWS 313)

ANTH 314 - Archaeology of Mesoamerica

Fall (3) Staff
An introduction to the prehistory of Mesoamerica with special attention to the development of Aztec and Maya civilizations.

ANTH 315 - Environmental Archaeology

Fall (3) Staff (GER 3)
This course explores our understanding of the place of people in the environment and the role environmental variables play in archaeological models of cultural change. The course consists of three sections: history of environmental studies and social theory, methodologies used to study the environment, and specific case studies of the dynamics of human-environmental relationships from an archaeological perspective.

ANTH 319 - Archaeology of the Near East

Spring (3) Staff (GER 4B)
The development of agriculture, urbanism, the state and empires in the Middle East with a concentration on ancient Mesopotamia and Egypt from the prehistoric to the early historic periods.

ANTH 320 - Rise and Fall of Civilizations

Spring (3) Staff (GER 4B)
A survey of prehistoric civilizations from the first settled villages to urban states in ancient Mesopotamia, Egypt, the Indus Valley, China, Mesoamerica, and South America.

ANTH 322 - Archaeology of North America

Fall (3) Gallivan
This course traces Native American history from the initial arrival of humans over 14,000 years ago to the colonial era. It compares social changes in different culture areas and highlights interpretive frameworks applied to these histories.

ANTH 323 - Indians of North America

Spring (3) Moretti-Langholtz (CSI, GER 4B)
A survey of the major culture areas of aboriginal North America north of Mexico at the time of European contact. The post-contact relations between the Native Americans and the dominant White culture and the present-day situation and problems of Native Americans will be examined.

ANTH 324 - Indians of the Southwest

Spring (3) Moretti-Langholtz (GER 4B)
This course surveys the history and culture of native peoples of the American Southwest from prehistoric settlement to present-day. These include the Hopi, Zuni, Rio Grande Pueblos, Navajos, Apaches, Akimel O'odham, and Tohono O'odham.

ANTH 325 - Sun Dance People

Spring (3) Moretti-Langholtz (CSI, GER 4C)
This course introduces students to the culture and social history of selected tribes of the Great Plains. Special emphasis will be placed upon the historical forces and conflicts that developed on the Plains from the 1700's to the present.

ANTH 329 - Native History and the Colonial Encounter

Fall (3) Gallivan and Fisher
This class examines Native histories in colonial encounters across the Americas. By focusing on the ways social organization shapes history and history frames cultural practices we examine how Native societies have come to understand the relationship between past and present.

ANTH 330 - Caribbean Cultures

Spring (3) Staff. Prerequisite(s): ANTH 202. *(GER 4B)*
An introduction to the diverse cultures of the Caribbean, primarily in the colonial and postcolonial periods, focusing on issues of ethnicity/race, class, and religion. Ethnographic coverage includes the British, French, and Spanish Caribbean, both island and mainland territories.

ANTH 331 - Culture and Society in the Modern Middle East and North Africa

Fall (3) Glasser
This course examines key debates in anthropology emerging from the study of Middle Eastern and North African societies in the modern period.

ANTH 332 - Race, Gender & Popular Culture in Brazil

Fall or Spring (3) Staff (CSI)

ANTH 333 - Anthropology of Islam

Fall and Spring (3) Glasser
This course explores what it might mean to think through Islam anthropologically. We will examine key debates about religion in general and Islam in particular, and will read articles and books exploring Muslim practice in diverse historical and geographic contexts.

ANTH 334 - Etruscan Archaeology: Italy before the Romans

Fall (3) Staff (College 200, ALV, CSI)
This course examines the evidence for the peoples of pre-Roman and early Roman Italy (900-100 BCE). The course provides a survey of Etruscan material culture, including architectural remains from sanctuary, funerary, and domestic contexts, and treats the artistic media of sculpture, painting, ceramics and metalwork. Topics include: Etruscan language, funerary customs, warfare, religious and votive practices, trade and contact within the Mediterranean, and the role of women and the lower classes. (This course is anchored in the ALV and CSI domains.) (Cross-listed with CLCV 349.)

ANTH 335 - Peoples and Cultures of Africa

Fall (3) Weiss (CSI, GER 3,4B)
An introduction to the diversity of African cultures and societies. This course will focus especially on experiences of colonialism in various African contexts and the many forms of transformation and resistance that characterize that encounter. (Cross listed with AFST 340)

ANTH 336 - African Cultural Economies

Spring (3) Weiss (GER 4B)
This course examines a variety of African livelihoods and economic practices in their social and cultural contexts. Topics considered include pastoralism, market systems, and labor migration. The colonial and postcolonial transformation of African economies will also be explored.

ANTH 337 - African Ritual and Religious Practice

Spring (3) Weiss (GER 4B)
This course focuses on the diverse forms of religious practice and experience in various social and cultural contexts in Africa. The symbolic, aesthetic, and political implications of ritual, as well as the transforming significance of religious practice, will be explored. (Cross listed with AFST 341 and RELG 337)

ANTH 338 - Native Cultures of Latin America

Fall (3) Fisher (CSI, GER 4B)
Beginning with an examination of the contemporary Zapatista rebellion, the course will survey indigenous cultures of Latin America and the historical and ecological processes which have shaped them. Ethnographic comparisons of contemporary indigenous cultures will focus on the lowland tropics and the Andes.

ANTH 342 - Peoples and Cultures of East Asia

Spring (3) Hamada, Connolly (CSI, GER 3,4B)
An introduction to the peoples and cultures of East Asia. The course will focus on contemporary life in China, Korea, and Japan, including cultural and social institutions, social norms, roles and life-styles, and the nature, context and consequences of social change.

ANTH 347 - Japanese Society

Fall (3) Hamada Connolly (CSI, GER 3,4B)
Examines the context within which individual Japanese live and work in Japanese society. Discusses Japanese socialization, schooling, family and marriage, community life, new and old religions, symbolic expressions, employment, and aging.

ANTH 348 - Japanese Values Through Literature and Film

Fall (3) Hamada Connolly (GER 5, 7)
Discusses Japanese social values and behavior through modern literature and film. Changes and continuity in Japanese society concerning important issues such as family, urbanization, gender, and self-identity are analyzed.

ANTH 349 - Contemporary Issues in Japanese Society

Fall (3) Hamada Connolly (GER 4B)
Discusses a selected topic in depth and explores important issues in contemporary Japanese society. The course may be repeated for credit when the topics vary.

ANTH 350 - Special Topics in Anthropology

Fall and Spring (3-4) Staff
Areas of current research interest presented by resident and visiting faculty. Course may be repeated for credit when topics vary.

ANTH 360 - Projects in Anthropology

Fall and Spring (1-3) Staff
A variable (1-3) credit course for underclassmen and non-anthropology majors engaged in projects, readings, or co-requisite labs under the supervision of an instructor.

ANTH 362 - Knowledge, Learning and Cognition in "Non-Western" Societies

Spring (3) Gundaker (GER 4B)
This course explores anthropological approaches to the production, communication, acquisition, and organization of knowledge in groups outside the European tradition. It investigates such topics as practical reason, cognitive change, educational settings and the way in which culture organizes knowledge systems.

ANTH 363 - Culture and Cuisine: The Anthropology of Food

Spring (3) Weiss (CSI, GER 4C)
This course explores food and cuisine across diverse historical and ethnographic contexts. Topics will include the ritual and symbolic value of cuisine, food preparation and provisioning as expressions of social relations, and the political economy of food production and consumption.

ANTH 364 - Artists and Cultures

Spring (3) Staff (GER 4C)
The role of art in the economic, political, religious, and social life of its makers. How aesthetic ideas feed into gender roles, ethnic identities, and interpersonal relations. Materials ranging from Australian barkcloths to Greek sculptures, African masks to European films. (Cross listed with ANTH 581, AMST 341, and AMST 515)

ANTH 366 - Information Technology and Global Culture

Fall (3) Hamada Connolly
Examines local-global cultural connections via Internet. W&M and Asian students conduct joint field research and explore political, social, economic, and educational implications of electronic communication.

ANTH 370 - Evolutionary Perspectives on Gender

Fall (3) King. Prerequisite(s): Recommended ANTH 203. *(CSI, GER 4C)*
Addresses the relationship between biological influences on, and the cultural construction of, human behavior. It asks: How are women's and men's lives affected by biological processes and our primate past? Is evolutionary thinking about humans compatible with feminism?

ANTH 371 - The Idea of Race

Fall or Spring (3) Blakey (CSI)
This course tracks the history of the concept of race in western science and society. Students are helped to appreciate the subjective influences of science as well as the variety of societal expressions of racial and racist ideas. (Cross listed with AFST 371)

ANTH 411 - Historical Linguistics

Spring (3) Martin. Prerequisite(s): ANTH 204 / ENGL 220 / LING 220 and ENGL 307 / LING 307. *(GER 3)*
A study of the kinds of change which language may undergo. Covers the nature and motivation of linguistic evolution, and the methods by which unattested early stages of known language may be reconstructed. (Cross listed with ENGL 404 and LING 404.)

ANTH 413 - Language and Society

Spring (3) Taylor. Prerequisite(s): ANTH 204 /ENGL 220 / LING 220 and one from ENGL 303 / LING 303, ENGL 415 / LING 415 / ANTH 415, or consent of instructor. *(GER 3)*
A study of the place of language in society and of how our understanding of social structure, conflict and change affect our understanding of the nature of language. (Cross listed with ENGL 406 and LING 406.)

ANTH 415 - Linguistic Anthropology

Spring (3) Bragdon. Prerequisite(s): (ANTH 204 / LING 220 or ENGL 220) and (LING 308 or ENGL 308 or ANTH 308) *(CSI, GER 3)*
This course will introduce students to the history and theories of linguistic anthropology with emphasis on North American languages. Students will approach these subjects through readings, class discussions and problem sets. (Cross listed with ENGL 415 and LING 415.)

ANTH 418 - Language Patterns: Types and Universals

Fall (3) Martin. Prerequisite(s): ANTH 204 / ENGL 220 / LING 220 *(CSI)*
A survey of common patterns and constructions in language ranging from word order to case agreement, voice, aspect, relative clauses, interrogation and negation. Major themes include the unity and diversity of language and the techniques used to measure it. (Cross listed with ENGL 418 and LING 418.)

ANTH 422 - Applied Anthropology

Fall (3) Hamada Connolly. Prerequisite(s): ANTH 202 *(CSI)*
This course introduces applied anthropology methodologies for community research. It combines classroom discussion, empirical fieldwork, data analysis, and ethnographic writing. Topics include statistical analysis, professional ethics, behavioral observation techniques, interview and survey techniques, report writing, digital representation, policy application, and grant-writing. Students will conduct small-scale collaborative research projects.

ANTH 425 - Advanced Archaeological Field Methods

Summer (6) Staff. Prerequisite(s): ANTH 225 or equivalent and field experience, or by permission of the instructor.
The application of archaeological methods to an individual field project. The course will allow advanced students to work on an individual project within the framework of a supervised archaeological field program.

ANTH 426 - Foodways and the Archaeological Record

Spring (3) Bowen (CSI)
In a seminar format, students will draw upon archaeological, historical, and anthropological studies, to explore topics such as human-animal relationships surrounding the procurement and production of food, as well as the distribution, preparation, and consumption of food. (Cross listed with ANTH 526, HIST 491, and HIST 591)

ANTH 427 - Native People of Eastern North America

Fall (3) Bragdon
This course treats the native people of eastern North America as they have been viewed ethnographically, theoretically, and

historically. Students will apply anthropological theory to historical and contemporary issues regarding native people of the eastern United States and develop critical skills through reading, research and writing about these people. (Cross listed with ANTH 527)

ANTH 429 - Exploring the Afro-American Past

Spring (3) Staff
A study of the commonalities and differences across Afro-America from the U.S. to Brazil. Works in anthropology, history, and literature will be used to explore the nature of historical consciousness within the African Diaspora and diverse ways of understanding the writing about Afro-American pasts. (Cross listed with AMST 402, ANTH 529, and HIST 349/529)

ANTH 430 - Material Life in African America

Fall and Spring (3) Gundaker
This seminar explores the world of things that African Americans have made -and made their own- in what is now the United States from the colonial era to the present.

ANTH 432 - Maroon Societies

Spring (3) Staff
An exploration of the African American communities created by escaped slaves throughout the Americas, from Brazil up through the Caribbean and into the southern United States. (Cross listed with AMST412/512, ANTH 532, and HIST 340)

ANTH 440 - Linguistic Field Methods

Spring (4) Reed. Prerequisite(s): ENGL 304 / LING 304, ENGL 307 / LING 307, and ENGL 418/ LING 418 / ANTH 418, or consent of instructor. *(CSI, GER 3)*
In this advanced linguistics course, students work closely with a speaker of another language to discover the structure of that language and to describe different aspects of its grammar: phonetics, phonology, morphology, and syntax. (Cross listed with ENGL 440 and LING 440.)

ANTH 445 - Issues in Anthropology

Fall (3) Staff. Prerequisite(s): ANTH 202.
The course will deal with selected issues and problems in anthropology, such as war and peace, population, inequality and justice, the environment, ethnic relations, and minorities. It may be repeated for credit when the topics vary.

ANTH 450 - Archaeological Conservation (I)

Fall (3) Moyer (CSI)
An introduction to the theory and practice of archaeological conservation, including systems of deterioration, treatment, and storage. The first semester emphasizes the material science and technological underpinnings of archaeological artifacts, the nature of the archaeological environment, and the deterioration of artifacts. (Cross listed with ANTH 550)

ANTH 451 - Archaeological Conservation (II)

Spring (3) Moyer. Prerequisite(s): ANTH 450. *(CSI)*
In the second semester of the course, students receive instruction and experience in the laboratory treatment of artifacts from 17thto 19th-century archaeological sites in North America and the West Indies. (Cross listed with ANTH 551)

ANTH 453 - Introduction to Zooarchaeology

Spring (4) Bowen
An introduction to the identification and interpretation of animal bones recovered from archaeological sites. Three class hours. Lab required concurrent with lecture. Three lab hours. (Cross listed with ANTH 553)

ANTH 454 - Quantitative Research Methods in Anthropology

Fall (3) Gallivan. Prerequisite(s): ANTH 301, ANTH 302, or consent of instructor. *(CSI)*
An introduction to the design and implementation of quantitative research in anthropology. Statistical methods covered include those used in describing and interpreting archaeological, biological, ethnographic, and linguistic data. This course focuses on exploratory data analysis, probability, sampling, hypothesis testing, correlation, and regression. (Cross listed with ANTH 554)

ANTH 455 - Practicing Cultural Resource Management

Spring (3) Gallivan. Prerequisite(s): ANTH 201, ANTH 301, or consent of instructor.
This course introduces students to the practice of cultural resource management (contract archaeology), including hands-on

experience in planning, proposal preparation, field and laboratory strategies, project management, and the reporting process. (Cross listed with ANTH 555)

ANTH 456 - Human Skeletal Biology

Fall or Spring (3) Blakey
This course covers technical aspects of human identification involving skeletal remains. These techniques include bone and tooth identification, age and sex estimation, and methods for the assessment of nutrition and disease in archaeological populations. (Cross listed with ANTH 556)

ANTH 457 - Archaeology of Colonial Williamsburg and Tidewater Virginia

Spring (3) Brown. Prerequisite(s): ANTH 301 or consent of instructor. *(CSI)*
This course examines the archaeological research on sites located in and around Williamsburg, the capital of the colony of Virginia from 1699-1781, as a way of reviewing the theory and method of historical archaeology. (Cross listed with ANTH 557, HIST 491, and HIST 591)

ANTH 458 - Caribbean Archaeology

Spring and Fall (3) Smith (CSI, GER 4B)
The Archaeology of Western Atlantic Islands for the period 1492-1900 AD. Includes the pre-Columbian background, and contact between indigenous and European groups. European settlement and island development will be examined through recent archaeological work on urban settlements, military forts, commercial structures, sugar mills, and others. (Cross-listed with AFST 458)

ANTH 459 - Tsenacomoco: Native Archaeology of the Chesapeake

Spring (3) Gallivan
This class explores the "deep history" of Native Chesapeake societies by tracing a 15,000-year sequence resulting in the Algonquian social landscape of "Tsenacomoco". We consider Pleistocene-era settlement, hunter-forager cultural ecology, migration, agricultural adoption, chiefdom emergence, and Native responses to colonialism.

ANTH 460 - Independent Research

Fall and Spring (3) Staff
A tutorial on a topic agreed upon by the student and instructor. Normally to be taken only once.

ANTH 461 - Anthropological Reflections of the African Diaspora

Fall (3) Blakey
Eurocentric anthropology, and historiography, often confronted black people with omissions and distortions of African and Diasporic history that belittled them while simultaneously providing tools for reclaiming cultural knowledge of self. Intellectuals from the Diaspora were thusly motivated to write from an anthropological point of view that sought to expose the lie, fill the void, and take control of ideas that empowered societies of African descent. This course explores the debate offered by Diasporans from the 18th-21st century and how its critique of "mainstream" anthropology may help further advance the field. (Cross listed with AFST 418.)

ANTH 465 - Practicum in Anthropology

Fall and Spring (1-3) Staff
A variable (1-3) credit practicum for students to engage in anthropological projects, readings, or co-requisite labs that do not entail independent research.

ANTH 470 - Senior Seminar in Anthropology

Fall (4) Staff. Prerequisite(s): ANTH 202 and two other ANTH courses in the same sub-field as the senior seminar section.
A small, writing intensive seminar for senior majors. Topics will vary, reflecting the research specializations of faculty teaching each section. Students will conduct original research and produce a substantial paper.

Fall 2016

Archaeologies of Virtue

This seminar will examine the theoretical, methodological, ethical and political implications of archaeological research that is conducted by, with and for communities that identify themselves as "indigenous," "descendent," and/or "local." Through close readings of assigned texts, in-class discussions and debates, and writing assignments, students will interrogate the concepts of indigeneity and descent and examine these in the context of the sub-fields of community, indigenous, collaborative, and public archaeologies. Questions that will orient the course include: Do such archaeologies, as some have argued, represent cynical

attempts by non-indigenous archaeologists to protect their access to the archaeological record? Or do the increasing collaborations between "local" communities and predominately "non-local" archaeologists offer the potential for a new archaeological epistemology through which knowledge of the past is constructed by considering both Western and local conceptions of time, space, and subjectivity? What ethical obligations do archaeologists have to descendent communities and to their profession? Students will also discuss the utility of methodological innovations, including ethnographic archaeology, which have developed with the turn to collaborative research projects.

Organic Culture

In recent years, the organic movement has become popular across the world. This seminar uses the anthropological approach to understanding the organic culture movement in the US and elsewhere.

Spring 2017

Human Osteology

Performance & Materiality

ANTH 472 - Ethnographic History

Spring (3) Staff
Critical readings of recent works by anthropologists and historians, with an emphasis on cross-disciplinary theory and methods. (Cross listed with AMST 434, ANTH 572, and HIST 336)

ANTH 482 - Arts of the African Diaspora

Spring (3) Staff
An exploration of artistic creativity in the African Diaspora. Consideration of tradition and art history, the articulation of aesthetic ideas, cross-fertilization among different forms and media, the role of gender, the uses of art in social life, the nature of meaning in these arts, and continuities with artistic ideas and forms in African societies. (Cross listed with ANTH 582, AMST 470, and AMST 582)

ANTH 484 - Collecting and Exhibiting Culture

Spring (3) Moretti-Langholtz
Ethnographic collecting in different parts of the world, questions of cultural ownership and appropriation, theories of acquisition and preservation used by museums and private collectors, and current debates about the exhibition of both objects and people. (Cross listed with ANTH 584 and AMST 581)

ANTH 486 - Cultural Politics of Art

Spring (3) Staff (CSI)
Exploration of the cultural and political world of art as experienced by artists, museum visitors, gallery owners, teachers, collectors, curators, critics, and charlatans. Class discussions will consider anthropological and art historical perspectives in addressing questions central to both disciplines.

ANTH 490 - Writing and Reading Culture

Spring (3) Staff
Trends in ethnography (and ethnographic history) during the past two decades. Students will begin with a "classic monograph," go on to read about the "crisis" in representation as depicted in Clifford and Marcus, and then devote themselves to a critical analysis of a range of more recent work. (Cross listed with ANTH 590, AMST 590, and HIST 339 /590)

ANTH 492 - Biocultural Anthropology

Spring (3) Blakey (CSI)
Recent advances in the study of interactions between human biology and culture are examined. Biocultural anthropology extends beyond the limitations of evolutionary theory, employing political and economic perspectives on variation in the physiology and health of human populations.

ANTH 495 - Honors

Fall and Spring (3) Staff
Students admitted to Honors in Anthropology will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for 1) formulating a course of study with a faculty advisor, and 2) preparing a substantial Honors essay, to be submitted two weeks before the last day of classes, spring semester. Satisfactory completion of Anthropology 495 and 496 will substitute for Anthropology 470 as a major requirement. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs. For departmental requirements, see website: http://web.wm.edu/anthropology/handbk07.php?svr=www

ANTH 496 - Honors

Fall and Spring (3) Staff
Students admitted to Honors in Anthropology will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for 1) formulating a course of study with a faculty advisor, and 2) preparing a substantial Honors essay, to be submitted two weeks before the last day of classes, spring semester. Satisfactory completion of Anthropology 495 and 496 will substitute for Anthropology 470 as a major requirement. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs. For departmental requirements, see website: http://web.wm.edu/anthropology/handbk07.php?svr=www

ANTH 498 - Internship

Fall, Spring and Summer (variable credit) Staff
This course allows students to gain practical experience under the supervision of a faculty advisor. The internship requires readings and a written report. Please see website: http://web. wm.edu/anthropology/internships.php?svr=www

Summer Field Schools in Archaeology

The Department of Anthropology in conjunction with Colonial Williamsburg will offer two six-week summer field schools in the Williamsburg area. The Department of Anthropology in conjunction with Reves Center for International Studies will offer one session of summer field school in Barbados and one session of summer field school in Bermuda.

Anthropology 225: Archaeological Field Methods.
No prerequisites. (6) An introduction to archaeological field and laboratory methods through participation in a field archaeological project. Archaeological survey and mapping, excavation techniques, data collection and recording, artifact processing and analysis and related topics.

Anthropology 425: Advanced Archaeological Field Methods.
Prerequisites: ANTH 225 or equivalent and field experience, or by consent of the instructor. (6) The application of archaeological methods to an individual field project. The course will allow advanced students to work on an individual project within the framework of a supervised archaeological field program.

Applied Science

Faculty

Professors

Del Negro (Chair), **Hinders, Kelley, Luepke, Manos** (CSX Professor), and **Smith**

Associate Professors

Shaw and **Schniepp**

Courtesy Professors

Kincaid, Leemis, Li, Saha and **Shi**

Professor Emeritus

Vold

The Applied Science Program

Applied Science (http://as.wm.edu) is an interdisciplinary graduate department that offers M.S. and Ph.D. degrees in the physical and biological sciences. Applied Science offers courses and research opportunities cooperatively with affiliated faculty from the Departments of Anthropology, Biology, Chemistry, Computer Science, Geology, Mathematics, Physics, Psychology and the Virginia Institute of Marine Sciences (VIMS), as well as from the NASA Langley Research Center (LaRC) and the Thomas Jefferson National Accelerator Facility (Jefferson Lab). Applied Science uses the tools, the techniques, and the understanding involved in a wide range of scientific disciplines in order to solve complex scientific and technical problems. Core faculty research interests include: nondestructive evaluation, robotics, and medical imaging; epidemic modeling and non-linear dynamics; nanotechnology, thin films, surface science, electronic and magnetic materials science; laser spectroscopy; nuclear

magnetic resonance spectroscopy and structural biology; neurophysiology; computational neuroscience and cell biology, material characterization, as well as cultural heritage materials science.

While Applied Science does not offer an undergraduate major, many courses in the department are particularly suitable for undergraduate students of physics, mathematics, chemistry, computer science, neuroscience and biology. Also, a minor in Applied Science is offered with a track in either Computational Biology or Materials Science.

Programs

Applied Science, Computational Biology Track, Minor

Required Credits: 18 hours

Core Requirements:

Six designated courses (see below), including independent research (at least 2 credits) Required Research Experience:

- APSC 402 - Research in Applied Science *(1-3)* or
- APSC 404 - Independent Study in Applied Science *(1-3)* or
- APSC 495 - Honors *(3)* and
- APSC 496 - Honors *(3)*

  or
- Pre-approved Senior Research projects from other departments.

Track One: Computational Biology

Take 2 of 3 required courses:

- APSC 327 - Introduction to Laser Biomedicine *(3)*
- APSC 351 - Cellular Biophysics and Modeling *(3)*
- APSC 456 - Random Walks in Biology *(3)*

Additional Courses:

May be selected from the following:

- MATH 302 - Ordinary Differential Equations *(3)*
- CHEM 341 - Physical Chemistry for Life Sciences *(3)*
- MATH 345 - Introduction to Mathematical Biology *(3)*
- MATH 351 - Probability and Statistics for Scientists *(3)*
- BIOL 401 - Evolutionary Genetics *(3)*
- BIOL 404 - Special Topics in Biology *(1-4)*
- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 327 - Introduction to Biostatistics *(3-4)*

- MATH 441 - Ordinary Differential Equations II *(3)* or
- MATH 442 - Partial Differential Equations *(3)*

- BIOL 442 - Molecular Genetics *(3)*

- BIOL 312 - Evolution of Organisms *(3)*
- APSC 450 - Computational Neuroscience *(3)*

Additional APSC Graduate Courses That May Be Taken and Counted With Instructor Permission:

(for courses listed above 600, please refer to the Graduate catalog for course information).

- APSC 431 - Applied Cellular Neuroscience *(3)*
- APSC 432 - Applied Systems Neuroscience *(3)*
- APSC 751 - Mathematical Physiology I
- APSC 752 - Mathematical Physiology II

Applied Science, Material Science Track, Minor

Required Credits: 18 hours

Core Requirements:

Six designated courses (see below), including independent research (at least 2 credits) Required Research Experience:

- APSC 402 - Research in Applied Science *(1-3)* or
- APSC 404 - Independent Study in Applied Science *(1-3)* or
- APSC 495 - Honors *(3)* and
- APSC 496 - Honors *(3)*

  or
- Pre-approved Senior Research projects from other departments.

Track Two: Material Science

Take 3 Required Courses:

- APSC 201 - Introduction to Materials Science *(3)*
- APSC 301 - Mechanics of Materials *(3)*
- APSC 422 - Introduction to Materials Characterization *(3)*

Additional Courses May Be Selected From the Following:

- APSC 327 - Introduction to Laser Biomedicine *(3)*
- CSCI 426 - Simulation *(3)*

- MATH 441 - Ordinary Differential Equations II *(3)* or
- MATH 442 - Partial Differential Equations *(3)*

Additional APSC Graduate Courses That May Be Taken and Counted With Instructor Permission:

(for courses listed above 600, please refer to the Graduate catalog for course information).

- APSC 607 Mathematical and Computational Methods I

- APSC 621 Applied Solid State Science
- APSC 623 Introduction to Solid Surfaces and Interfaces
- APSC 627 Lasers in Medicine, Science, and Technology
- APSC 637 Introduction to Optoelectronics
- APSC 784- "Imaging Methods"

Course Descriptions

APSC 150 - First-Year Seminar

Fall or Spring (4) (College 150)
An exploration of a specific topic in Applied Science. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

APSC 201 - Introduction to Materials Science

Spring (3) Luepke
An introduction to the chemical and physical aspects of materials. Topics include structural, mechanical, electrical, and thermal properties of materials. Applications are stressed.

APSC 210 - Predictability

Fall (3) Shaw (College 200, NQR)
How do we make quantitative predictions of the future? This course will introduce complex systems, including chaotic and stochastic systems. Mathematical and computational methods for predicting behavior of complex systems will be discussed. Applications will include climate modeling and political and economic forecasting. Students will learn to think critically about predictions encountered in the media. (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.)

APSC 301 - Mechanics of Materials

Fall (3) Hinders. Prerequisite(s): APSC 201
Introduction to the concepts of stress and strain applied to analysis of structures. Development of problem solving ability for modeling and analysis of simple structures subject to axial, torsional, and bending loads, and physical intuition of realistic outcomes.

APSC 327 - Introduction to Laser Biomedicine

Spring (3) Schniepp. Prerequisite(s): Junior standing or consent of instructor.
The course will build a foundation for understanding the use of lasers in biology and medicine. There will be particular emphasis on laser beam interactions with human tissue for diagnosis, therapy, and surgery, with additional attention to optical coherence tomography, two-photon microscopy, fluorescent imaging, optical tweezers, and refractive surgery.

APSC 351 - Cellular Biophysics and Modeling

Fall (3) Del Negro. Prerequisite(s): MATH 112 or MATH 132, BIOL 225, or consent of instructor.
An introduction to simulation and modeling of dynamic phenomena in cell biology and neuroscience. Topics covered will include the biophysics of excitable membranes, the gating of voltage- and ligand gated ion channels, intracellular calcium signaling, and electrical bursting in neurons. (Cross listed with BIOL 351)

APSC 401 - Research in Applied Science

Fall or Spring (1-3) Staff. Prerequisite(s): Consent of the instructor.
Independent experimental or computational research under supervision of a faculty member. Hours to be arranged.

APSC 402 - Research in Applied Science

Fall or Spring (1-3) Staff. Prerequisite(s): Consent of the instructor.
Independent experimental or computational research under supervision of a faculty member. Hours to be arranged.

APSC 403 - Independent Study in Applied Science

Fall or Spring (1-3) Staff. Prerequisite(s): Consent of the instructor.
Independent study under supervision of a faculty member. Hours to be arranged.

APSC 404 - Independent Study in Applied Science

Fall or Spring (1-3) Staff. Prerequisite(s): Consent of the instructor.
Independent study under supervision of a faculty member. Hours to be arranged.

APSC 422 - Introduction to Materials Characterization

Fall and Spring (3) Kelley. Prerequisite(s): Background in physical sciences.
Science and technology of determining surface and bulk structure and composition of organic and inorganic materials under instrument and 'in-situ' conditions. Examples chosen appropriate to class interests.

APSC 431 - Applied Cellular Neuroscience

Fall (3) Del Negro. Prerequisite(s): BIOL 345.
We examine cellular neurophysiology including membrane potentials, ion channels and membrane permeability, electrical signaling and cable properties, synaptic transmission, neuromodulation, and second messenger systems. We apply these concepts to motor control, homeostatic regulation, special senses.

APSC 432 - Applied Systems Neuroscience

Spring (3) Del Negro. Prerequisite(s): BIOL 345, BIOL 447, PSYC 313.
We explore how behaviors arise due to multiple levels of organization in the nervous system. Topics include: reflexes, central pattern generator networks, neural control of breathing, the neural control of appetite, body weight and obesity, and the neuropharmacology of nicotine addiction.

APSC 450 - Computational Neuroscience

Fall (3) Staff. Prerequisite(s): APSC 351 or consent of instructor.
Computational function of hippocampus, thalamus, basal ganglia, visual cortex, and central pattern generators of hindbrain and spinal cord emphasizing how experiment and theory complement each other in systems neuroscience. Relevant mathematical modeling and computer simulation techniques will be taught.

APSC 455 - Population Dynamics

Fall (3) Staff. Prerequisite(s): MATH 302 or equivalent.
An introduction to population dynamics and bifurcation theory. Classic population models including the logistic map, predator-prey systems, and epidemic models will be used to motivate dynamics concepts such as stability analysis, bifurcations, chaos, and Lyapunov exponents.

APSC 456 - Random Walks in Biology

Spring (3) Day. Prerequisite(s): MATH 111 or MATH 131, BIOL 220. *Corequisite(s):* BIOL 225 or consent of instructor.
This course introduces random processes in biological systems. It focuses on how biological processes are inherently stochastic and driven by a combination of energetic and entropic factors. Topics include diffusion, cell motility, molecular motors, ion channels, and extinction in populations.

APSC 490 - Studies in Applied Science

Fall and Spring (1-5) Staff
Advanced or specialized topics in Applied Science. Subjects, prerequisites, credits and instructors may vary from year to year. Course may be repeated for credit if the instructor determines that there will not be a duplication of material.

APSC 495 - Honors

Fall and Spring (3) Staff. Prerequisite(s): Senior standing, an overall GPA of 3.0, and consent of the instructor.
Independent laboratory or computational research in applied science under the supervision of a faculty member. Students are required to write an Honors thesis based on a review of the literature and their research. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

APSC 496 - Honors

Fall and Spring (3) Staff. Prerequisite(s): Senior standing, an overall GPA of 3.0, and consent of the instructor.
Independent laboratory or computational research in applied science under the supervision of a faculty member. Students are required to write an Honors thesis based on a review of the literature and their research. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

APSC 498 - Internship

Fall, Spring, and Summer (1-5) Staff
Research in accelerator science, atmospheric science, polymer science or quantitative materials characterization at the NASA-Langley

Art and Art History

Faculty

Professors
Palermo and **Webster** (Jane W. Mahoney Professor)

Associate Professors
Mead (Chair), **Braddock** (Ralph H. Wark Chair), **Kreydatus**, **Levesque, Santiago** and **Zandi-Sayek**

Assistant Professors
Jabbur, Lee, Stancioiu and **Wu**

Visiting Assistant Professors
Dudik

Senior Lecturer
Lowery

Lecturer
Campbell

Adjunct Instructors
Demeo, Gaynes, Pease and **Pelaez**

The Art and Art History Program

The Department of Art and Art History offers two programs: Studio Art and Art History.

The Studio Art program offers courses in drawing, painting, photography, sculpture, ceramics, printmaking, and architecture within the context of a liberal arts education. The program aims at developing greater visual awareness through a rigorously structured educational experience based on intensive studio training. All course offerings, from beginning to advanced, emphasize working from observation to provide a common language and firm visual foundation. At more advanced levels, students develop a more personal sensitivity to visual modes, leading to an informed and specific artistic voice.

The Art History program offers courses and scholarly experiences that contribute to the liberal arts education of undergraduates. Art History majors are required to take introductory and intermediate level lecture courses, advanced seminars, studio art courses, and directed reading and research that promote a critical understanding of the development and expression of visual arts and familiarize them with current disciplinary concerns.

In each program, the student is required to complete ART 211, ART 212 and ARTH 251 and ARTH 252. It is to the advantage of the student to complete these courses by the end of the sophomore year. A wide variety of programs can be developed from the offerings of the department to suit the individual needs of majors. Students in Art and Art History have developed careers in art, architecture, art history, museum work, teaching, and applied arts in business. For purposes of double majoring, Art and Art History combines well with history, anthropology, literature, comparative literature, music and music history, classical studies, philosophy, psychology, and the sciences to give a student a breadth of knowledge and experience in comparable methodologies that leads to mutually reinforcing insights in both majors. Students interested in elementary and secondary school teaching of art should elect the major in art. All members of the department are ready to offer advice on career plans in Art and Art History.

Programs

Art and Art History, Art History Concentration, BA

Art History requirements are designed to give the student a satisfactory program having breadth, variety and a balance between lecture courses and seminars.

Required Credit Hours: 39

Core Requirements:

- ART 211 - Drawing and Color *(3)*
- ART 212 - Three-dimensional Design: Form and Space *(3)*
- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*

Additional Requirements:

In addition to the 12 hours above, the student must choose three credits in each of the following five fields:

A. Medieval

- ARTH 351 - Medieval Art and Architecture *(3)*
- ARTH 353 - Early Christian and Byzantine Art and Architecture *(3)*

  and
- ARTH 330 - Topics in Art History *(1-4)* (relevant topics only)

B. Renaissance and Baroque

- ARTH 360 - Italian Renaissance Art, 1300-1600 *(3)*
- ARTH 362 - Northern Renaissance Art, 1400-1600 *(3)*
- ARTH 363 - Baroque Art, 1600-1700 *(3)*
- ARTH 365 - Seventeenth-Century Dutch Painting *(3)*
- ARTH 366 - The Golden Age of Spain *(3)*

  and
- ARTH 330 - Topics in Art History *(1-4)* (relevant topics only)

C. Modern

- ARTH 370 - Nineteenth-Century Art *(3)*
- ARTH 372 - Modern Architecture and Planning *(3)*
- ARTH 377 - Modern and Contemporary Chinese Art *(3)*

  and
- ARTH 330 - Topics in Art History *(1-4)* (relevant topics only)

D. American

- ARTH 381 - Nineteenth-Century American Art *(3)*
- ARTH 383 - Twentieth-Century American Art *(3)*

  and
- ARTH 330 - Topics in Art History *(1-4)* (relevant topics only)

E. Non-Western/Cross Cultural

- ARTH 377 - Modern and Contemporary Chinese Art *(3)*

- ARTH 393 - The Arts of China *(3)*
- ARTH 394 - The Arts of Japan *(3)*
- ARTH 395 - The Visual Culture of Colonial Mexico *(3)*

  and

- ARTH 330 - Topics in Art History *(1-4)* (relevant topics only)

In addition

- ARTH 480 - Methods of Art History *(3)*
- And two other 400-level courses, and one Art History elective of any level are required.
- ARTH 377 can be used for either Modern or Non-Western/Cross-Cultural areas, but not both.

Major Writing Requirement

One art history course at the 300 or 400 level (including ARTH 490) will fulfill the requirement.

The Major Writing Requirement will be satisfied in the following way:

1. When prospective majors, in consultation with their major advisor, file the form required for a declaration of major, they will specify an art history course conforming to the above criteria that is most appropriate to their area of special interest. This course will satisfy the prospective majors Major Writing Requirement.
2. At the time of registration for the specified course, the student will consult with the instructor to make all necessary arrangements for a schedule that allows for the opportunity to go through the stages of writing and rewriting that is part of the requirement.
3. When the student has completed the courses with a grade of C or higher, the instructor will notify the department chair.

Major Computing Requirement

The Major Computing Requirement will be fulfilled during the completion of the Major Writing Requirement. In the process of writing their research papers, students will be expected to do research using all of the data bases and library resources that are computer accessible (World Web, On-line Journals, and Bibliographic Sources such as Art Index, Art Abstracts, RILA, RRA, BHA, Art Bibliographies Modern etc.) as well as to find and assess specific web sites related to their topic.

Internships

In addition to taking the major requirements, students are encouraged to gain practical experience through an internship. For more information on potential internships see the Art History webpage.

Art and Art History, Minor

Required Credit Hours: 21

A minimum of 15 of the 21 credits required for a minor in Art History must be earned at William and Mary. A minor in Art and Art History can be achieved by following one of the three following programs:

Art

- ART 211 - Drawing and Color *(3)*
- ART 212 - Three-dimensional Design: Form and Space *(3)*
- Plus five 3-credit 300 or 400 level courses in Art.

Art History

- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*

- Plus five 3-credit 300 or 400 level courses in Art History.

Combined Art and Art History

- ART 211 - Drawing and Color *(3)*
- ART 212 - Three-dimensional Design: Form and Space *(3)*
- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*
- Plus three 300 or 400 level courses in any combination of Art, Art History or both.

Art and Art History, Studio Art Concentration, BA

The art program is designed to offer the major a variety of courses and the opportunity to work in depth at the advanced level.

Required Credit Hours: 39

Core Requirements: 22 Credits

- ART 211 - Drawing and Color *(3)*
- ART 212 - Three-dimensional Design: Form and Space *(3)*
- ART 461 - Capstone I *(2)*
- ART 462 - Capstone II *(2)*
- ART 463 - Capstone III *(0)*
- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*
- ARTH 300 or 400 level *(3)*
- ARTH 300 or 400 level *(3)*

Two-Dimensional Art Focus

For those students who will focus their study in Two-Dimensional Art, they will be required to take 17 additional credits.

- ART 309 - Life Drawing I *(3)* and

- ART 311 - Drawing *(3)* or
- ART 323 - Printmaking - Intaglio and Monotype *(3)* or
- ART 324 - Relief Printmaking *(3)*

- ART 315 - Painting: Basic Pictorial Structure *(3)* or
- ART 316 - Painting: Basic Pictorial Expression *(3)*

- 300 level Art course in 2D (3)
- 300 or 400 level Art course in 2D or 3D for at least 2 credits
- 400 level Art course for 3 credits in drawing, painting or printmaking

Three-Dimensional Art Focus

For those students who will focus their study in Three-Dimensional Art, they will be required to take 17 additional credits.

- ART 319 - The Figure and the Body I *(3)*

- ART 309 - Life Drawing I *(3)* or
- ART 311 - Drawing *(3)*
- or a Drawing Topics course

- 300 level Art course in architecture, ceramics or sculpture
- 300 level Art course in architecture, ceramics or sculpture (in a different area than the first course)
- 300 or 400 level Art course in 2SD or 3D for at least 2 credits
- 400 Art course for 3 credits in architecture, ceramics or sculpture

Additional Requirements

A minimum of 39 credits in Art and Art History must be earned in the major; a maximum of 48 credits may be earned. There is an exception to this rule for the student preparing for graduate study in studio art. The student may apply for the opportunity to take up to an additional 12 credit hours in art in order to develop a graduate application portfolio. Application (using the Degrees Committee petition form) to the Department and then the Degrees Committee is usually made during the first semester of junior year and no later than second semester junior year but before registration for the first semester of senior year. To be considered for this honor, the student should have shown exceptional promise by maintaining as a minimum, a 3.3 GPA within the department and a 2.5 GPA within the university. In addition, the student should have the full sponsorship of two faculty members and will be required to submit a portfolio of ten works for review during this process.

All majors in Art are required to take Art 461, 462 and 463 in their last three semesters.

Major Writing Requirement

One art history course at the 300 or 400 level (including ARTH 490) will fulfill the requirement.

The Major Writing Requirement will be satisfied in the following way:

1. When prospective majors, in consultation with their major advisor, file the form required for a declaration of major, they will specify an art history course conforming to the above criteria that is most appropriate to their area of special interest. This course will satisfy the prospective majors Major Writing Requirement.
2. At the time of registration for the specified course, the student will consult with the instructor to make all necessary arrangements for a schedule that allows for the opportunity to go through the stages of writing and rewriting that is part of the requirement.
3. When the student has completed the courses with a grade of C or higher, the instructor will notify the department chair.

Major Computing Requirement

The Major Computing Requirement will be fulfilled during the completion of the Major Writing Requirement. In the process of writing their research papers, students will be expected to do research using all of the data bases and library resources that are computer accessible (World Web, On-line Journals, and Bibliographic Sources such as Art Index, Art Abstracts, RILA, RRA, BHA, Art Bibliographies Modern etc.) as well as to find and assess specific web sites related to their topic.

Course Descriptions

Art

ART 100 - Big Ideas in Art

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Art, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

ART 211 - Drawing and Color

Fall and Spring (3) Campbell, Demeo, Kreydatus, Lee, Santiago (ACTV, ALV, GER 6)
Introduction to visual expressive concerns through lectures and projects in drawing, color and design as they function two-dimensionally. Six studio hours. Additional fees apply. See the class schedule for details and amounts.

ART 212 - Three-dimensional Design: Form and Space

Fall and Spring (3) Jabbur, Lowery, Mead, Staff (ACTV, ALV, GER 6)
Creative problem solving in a variety of media dealing with the elements of three-dimensional form (line, surface, volume, mass, color, light, and space) and exploring concepts of image, message, process, style, and expression. May be taken before ART 211. Six studio hours. Additional fees apply. See the class schedule for details and amounts.

ART 309 - Life Drawing I

Fall and Spring (3) Kreydatus, Santiago. Prerequisite(s): ART 211. Majors only. *(College 200, ALV)*
Exploration of various drawing concepts using the human figure. (This course is anchored in the ALV domain, and also considers aspects of the NQR domain.) Additional fees apply. See the class schedule for details and amounts.

ART 310 - Life Drawing II

Fall and Spring (3) Santiago, Kreydatus. Prerequisite(s): ART 309. *(ALV)*
Continuation of ART 309. Additional fees apply. See the class schedule for details and amounts.

ART 311 - Drawing

Fall and Spring (3) Santiago. Prerequisite(s): ART 211. *(ALV)*
The problems of visual understanding and expression in drawing using pencil and charcoal and dealing with line, value, proportion and perspective. Additional fees apply. See the class schedule for details and amounts.

ART 313 - Architectural Design I

Fall (3) Pease. Prerequisite(s): ART 211, ART 212. *(ALV)*
The discovery of architecture through design with emphasis on basic vocabulary; drafting, perspective, shades and shadows, scale and proportion. Additional fees apply. See the class schedule for details and amounts.

ART 314 - Architectural Design II

Spring (3) Pease. Prerequisite(s): ART 313. *(ALV)*
The investigation of the role of the architect with specific design problems and the development of presentation techniques. Additional fees apply. See the class schedule for details and amounts.

ART 315 - Painting: Basic Pictorial Structure

Fall (3) Lee. Prerequisite(s): ART 211. *(ALV)*
Introduction to painting with emphasis on objective pictorial structure. Exploration and development of formal, organizational concerns as they relate to painting. Subjects may include objects, landscape and the figure. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 316 - Painting: Basic Pictorial Expression

Fall and Spring (3) Lee. Prerequisite(s): ART 211. *(ALV)*
Introduction to painting with emphasis on how visual elements, dynamics, and handling of the material create envisioned and expressive themes. Work from memory, objects, landscape, and the figure stressing and evolving significant forms and symbols. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 318 - Composition & Color

Fall or Spring (3) Santiago Prerequisite(s): ART 211
This course is geared toward students who want to improve their compositional sense and overall use of color. Special attention will be paid to gestalt principles, the elements and principles of design, and the color theories of Itten and Albers.

ART 319 - The Figure and the Body I

Spring (3) Staff. Prerequisite(s): ART 212 *(ALV)*
A study of the human figure in three dimensions. Over the past several decades a new engagement with the figure has emerged that may be described in terms of the body. Through discussions, research, presentation of contemporary artists and outside assignments students will explore the distinction between figure and body. In-class sessions will include modeling directly from life in clay and plaster. Additional fees apply. See the class schedule for details and amounts.

ART 320 - The Figure and the Body II

Spring (3) Staff Prerequisite(s): ART 212, ART 319. *(ALV)*
A continuation of ART 319. Additional fees apply. See the class schedule for details and amounts.

ART 323 - Printmaking - Intaglio and Monotype

Spring (3) Kreydatus. Prerequisite(s): ART 211. *(ALV)*
Through a variety of subject matter and techniques including etching, drypoint, aquatint, monotype and monoprint, students will explore both traditional and contemporary approaches to Intaglio and Monotype printmaking. Additional fees apply. See the class schedule for details and amounts.

ART 324 - Relief Printmaking

Fall (3) Kreydatus. Prerequisite(s): ART 211 or consent of instructor.
Through a variety of subject matter and techniques including woodcut, linoleum, and collagraph, students will explore both traditional and contemporary approaches to Relief Printmaking. Additional fees apply. See the class schedule for details and amounts.

ART 325 - Sculpture: Mass

Fall (3) Staff Prerequisite(s): ART 212 or consent of the instructor. *(ALV)*
An approach to three-dimensions that utilizes those materials that lend themselves to creating forms with actual mass and volume. Some life observation and mold making will be included. Traditional and contemporary sculptural solutions will be applied. Additional fees apply. See the class schedule for details and amounts.

ART 326 - Sculpture: Plane

Fall (3) Mead. Prerequisite(s): ART 212 or consent of instructor.
An approach to three-dimensions that focuses on constructive techniques. Mass and volume will be achieved through planer construction. Traditional and contemporary sculptural solutions will be applied. Additional fees apply. See the class schedule for details and amounts.

ART 327 - Ceramics: Handbuilding I

Spring (3) Jabbur. Prerequisite(s): ART 212. *(College 200, ALV)*
Introduction to forming clay using handbuilding processes. Assigned problems will introduce various functional forms, focusing on aesthetics and craftsmanship. Emphasis on invention and creativity, as well as technical processes. Demonstrations, discussions, and image presentations will supplement the course. (This course is anchored in the ALV domain, and also considers aspects of the NQR domain.) Additional fees apply. See the class schedule for details and amounts.

ART 328 - Ceramics: Wheel Throwing I

Fall and Spring (3) Jabbur. Prerequisite(s): ART 212. *(ALV)*
Introduction to forming clay using the potter's wheel. Assigned problems will introduce various functional forms, focusing on aesthetics and craftsmanship. Emphasis on invention and creativity, as well as technical processes. Demonstrations, discussions, and image presentations will supplement the course. Additional fees apply. See the class schedule for details and amounts.

ART 340 - Topics in Art

Fall or Spring (1-4) Staff. Prerequisite(s): ART 211 or ART 212.
Course on special topics exploring a specific medium or approach.

ART 408 - Advanced Drawing

Fall (3) Santiago. Prerequisite(s): ART 310 or ART 311. *(ALV)*
Advanced work with visual concepts through drawing. Emphasis on further development of drawing skills, including work from various subjects in diverse media. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 409 - Advanced Life Drawing

Fall and Spring (3) Santiago, Kreydatus. Prerequisite(s): ART 309, ART 310. *(ALV)*
This will be an advanced life drawing course involving in depth study of form, anatomy and contemporary concerns regarding figure drawing. A high degree of individual invention and expression are emphasized. Repeatable for up to 6 credits. Additional fees apply. See the class schedule for details and amounts.

ART 410 - Advanced Painting

Fall and Spring (3) Lee Prerequisite(s): ART 315 and ART 316, two semesters of either ART 315 or ART 316, or consent of instructor required. *(ALV)*
A continuation of ART 316 with more complex problems in the materials, methods and concerns of painting. Students will focus on an independent project beyond assigned class work. Possible field trip. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 412 - Advanced Printmaking

Spring (3) Kreydatus Prerequisite(s): ART 323, ART 324. *(ALV)*
Students will work on printmaking projects of a self-chosen technique and theme which will advance their conceptual and technical understanding of the print medium. In addition, each student will receive individual instruction in lithography. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 414 - Advanced Water-based Media: Works on Paper

Fall and Spring (3) Santiago
A course designed to allow a student to explore selected problems in works on paper. May be repeated for credit.

ART 416 - Ceramics: Handbuilding II

Spring (3) Jabbur. Prerequisite(s): ART 327. *(ALV)*
Advanced methods of forming clay using handbuilding processes, with a technical and conceptual approach to issues concerning functional ceramics. Greater emphasis on design and expression, as well as technical aspects of the ceramic process, including glaze formulation and kiln firing. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 417 - Ceramics: Wheel-Throwing II

Fall and Spring (3) Jabbur. Prerequisite(s): ART 328
Advanced methods of forming clay using the potter's wheel, with a technical and conceptual approach to issues concerning functional ceramics. Greater emphasis on design and expression, as well as the technical aspects of the ceramic process, including glaze formulation and kiln firing. May be repeated for credit.

ART 418 - Advanced Architecture

Fall and Spring (3) Pease. Prerequisite(s): ART 313, ART 314. *(ALV)*
This studio will explore architectural issues using both two-dimensional and three-dimensional media. Students will engage in a series of investigations that examine the historic, symbolic, technical and environmental issues that inform contemporary architecture. May be repeated for credit. Additional fees apply. See the class schedule for details and amounts.

ART 420 - Advanced Sculpture: Topics

Spring (3) Mead. Prerequisite(s): ART 325, or ART 326, and consent of instructor.
This course will investigate sculptural issues through a conceptual framework. Materials and processes will be examined as they relate to a selected topic for example: Space; Body; Authorship, Originality, and Authenticity; Collaboration; Site; Drawing for Sculptors. Additional fees apply. See the class schedule for details and amounts.

ART 440 - Topics in Art

Fall and Spring (1-3) Staff. Prerequisite(s): ART 211, ART 212, and a 300 level course.
Topics in art will explore a specific medium or approach.

ART 443 - Advanced Studio - Independent Study

Fall and Spring (1-3) Dudik, Jabbur, Kreydatus, Lee, Lowery, Mead, Pease, Santiago Prerequisite(s): ART 211, ART 212, and appropriate 300 level courses and consent of instructor. *(ALV)*
Additional fees apply. See the class schedule for details and amounts.

ART 460A - Senior Exhibition

Fall and Spring (0) Jabbur, Lee, Kreydatus, Mead, Santiago (ALV)
The senior exhibition is a requirement for graduating seniors. To be taken the last two semesters Pass/Fail, zero credits in the semester before graduation and one credit hour the semester of graduation.

ART 460B - Senior Exhibition

Fall and Spring (1) Jabbur, Lee, Kreydatus, Mead, Santiago (ALV)
The senior exhibition is a requirement for graduating seniors. To be taken the last two semesters Pass/Fail, zero credits in the semester before graduation and one credit hour the semester of graduation.

ART 461 - Capstone I

Spring (2) Staff Prerequisite(s): ART 211 and ART 212 *(ALV)*
Students will read and discuss selected texts, create studio art, participate in critiques, attend lecturers by visiting artists, and learn about professional practice standards.

ART 462 - Capstone II

Fall (2) Staff Prerequisite(s): ART 211 and ART 212 and ART 461
Students will read and discuss selected texts, create studio art, participate in critiques, attend lecturers by visiting artists, and learn about professional practice standards.

ART 463 - Capstone III

Spring (0) Staff Prerequisite(s): ART 211 and ART 212 and ART 461 and ART 462
Students will participate in critiques, learn about professional practice standards and present a final exhibition of their studio work. Graded P/F

ART 495 - Senior Honors in Art

Fall and Spring (3) Staff
Information available from the department website and the Charles Center.

ART 496 - Senior Honors in Art

Fall and Spring (3) Staff
Information available from the department website and the Charles Center.

Art History

ARTH 100 - Critical Questions in Art History

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Art History, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

ARTH 251 - Survey of the History of Art I

Fall (3) Staff (GER 4A, 5)
The study of Ancient and Medieval art. Illustrated lectures and readings. ARTH 251 and 252 are prerequisites for upper level art history courses.

ARTH 252 - Survey of the History of Art II

Spring (3) Staff (GER 4A, 5)
The study of European and American art from the Renaissance to the present. Illustrated lectures and readings. May be taken singly and before ARTH 251. ARTH 251 and 252 are prerequisites for upper level art history courses.

ARTH 255 - The Art of East Asia

Fall or Spring (3) Wu (GER 4B)
This course introduces students to Asian artistic traditions centered in East Asia (China, Japan, Korea, Vietnam), in relation to South and Southeast Asia, with a focus on painting, sculpture, architecture and archeological sites, as well as Buddhist art.

ARTH 257 - Asian Art

(Spring) (3) Wu (College 200, ALV)
This course explores the history of Asian art, from the prehistory to the contemporary. Asia, since prehistory, has been a

constantly shifting mosaic of kingdoms and cultures, engaged in a network of creative exchanges. Its cultural diversity will be examined through art, architecture and archeological discoveries. The lectures will be constructed in three sections to survey the most significant art works, with a focus on India, China and Japan. Students are expected to obtain a critical understanding of the history and theory of arts in Asia and of the importance of visual arts within Asian cultures. It also introduces key issues concerning religions (Hinduism, Buddhism, Daoism and Confucianism) and regional studies, and sheds light on cultural exchanges from the time of the Silk Road, through the colonial period, to the 21st-century. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

ARTH 267 - Greek Archeology and Art

Fall (3) Oakley (College 200, ALV, GER 4A, 5)
An archaeological consideration of the Minoan, Mycenaean, Archaic and Classical periods of Greek civilization. Architecture, sculpture, painting, and the minor arts are included. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with CLCV 217)

ARTH 268 - Roman Archeology and Art

Spring (3) Swetnam-Burland (College 200, ALV, GER 4A, 5)
The architecture, painting and sculpture of Hellenistic Greece and of Rome. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with CLCV 218)

ARTH 330 - Topics in Art History

Fall and Spring (1-4) Staff
Courses of special subjects. Course may be repeated for credit only if there is no duplication of topic or title.

ARTH 335 - Art and Architecture of Colonial Latin America

Spring (3) Webster (ALV, CSI, GER 4C)
A history of colonial art and architecture in New Spain (Mexico) and Peru that emphasizes cross-cultural issues of power, hybridity, and identity. Includes a substantial introduction to pre-Hispanic visual culture.

ARTH 340 - Classical Myth in Ancient Art

Fall or Spring (3) Oakley
An examination of Greek and Roman myth as preserved in ancient art. Emphasis will be placed on iconographical development; the social, cultural, and political reasons for iconographical change; and myth or versions of myth not preserved in literary sources. (Cross listed with CLCV 343)

ARTH 341 - Greek Vase Painting

Fall or Spring (3) Oakley
A study of the development of Attic red-figure and black-figure pottery. Special emphasis will be placed on the major artists who painted these vases and the iconography of their mythological scenes. (Cross listed with CLCV 420)

ARTH 345 - Ancient Architecture

Fall or Spring (3) Swetnam-Burland
This course, taught in seminar format, examines the major developments of ancient Greek and Roman architecture in Europe, Africa, and the Middle East from the Bronze Age to the 4th century A.D. (Cross listed with CLCV 425)

ARTH 351 - Medieval Art and Architecture

Spring (3) Stancioiu
A study of the visual culture and built environment of Europe from 300 to 1450. Architecture and art are examined in relation to religious, social, political, and economic contexts. Themes include urban development, pilgrimage architecture and monasticism, the Gothic style, classical revivals, Crusader art, and material culture.

ARTH 353 - Early Christian and Byzantine Art and Architecture

Fall or Spring (3) Stancioiu (College 200, ALV)
The study of the formation of Christian art and the persistence and elaboration of these themes and styles in the Byzantine Empire until 1453. This course examines religious art and architecture in relation to Christian theology and liturgy as well as significant secular works in relation to the broader context of cross-cultural dialogue in the Medieval Mediterranean region. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

ARTH 360 - Italian Renaissance Art, 1300-1600

Fall or Spring (3) Levesque (ALV, CSI)
An examination of Renaissance Art in Florence, Rome, and Venice. Artistic developments are considered in their religious, political, and intellectual contexts.

ARTH 362 - Northern Renaissance Art, 1400-1600

Fall or Spring (3) Levesque (ALV, CSI)
A selective survey of Northern Renaissance painting that considers the work of artists such as Van Eyck, Bosch, Dürer, and Bruegel in the context of Humanism, Reform, and Early Capitalism.

ARTH 363 - Baroque Art, 1600-1700

Fall or Spring (3) Levesque (ALV, CSI)
This course provides a survey of the visual arts in Europe including Italy, the Spanish Netherlands, the Dutch Republic, Spain, and France during the seventeenth century. Emphasis is placed on the wider artistic and political culture of the period.

ARTH 365 - Seventeenth-Century Dutch Painting

Fall or Spring (3) Levesque (ALV, CSI)
A comprehensive survey of 17th-century Dutch painting. Artistic developments are placed in the context of the formation of the Dutch Republic around 1600. Artists such as Hals, Rembrandt, and Vermeer are considered.

ARTH 366 - The Golden Age of Spain

Fall or Spring (3) Webster (GER 4A, ALV, CSI)
An examination of the historical context and development of Spanish art, architecture, and cultural performance, 1500-1700, that explores issues of patronage, iconography, function, and reception.

ARTH 370 - Nineteenth-Century Art

Fall or Spring (3) Palermo
A history of earlier modern art 1780-1880 in Great Britain, France, Germany and the United States. Emphasis is placed upon the impact of the socio-political, industrial and cultural revolutions on the major movements of the period, Romanticism and Realism.

ARTH 372 - Modern Architecture and Planning

Fall or Spring (3) Zandi-Sayek (ALV, CSI)
A history of architecture, landscape design and urban planning from 1780 to 1980 in Europe and the United States with reference to the colonial and postcolonial worlds. Emphasis is placed upon the impact of socio-political, technological and intellectual transformations from the Enlightenment to the crisis of Modernism.

ARTH 377 - Modern and Contemporary Chinese Art

Fall or Spring (3) Wu (ALV, CSI)
The history of modern and contemporary Chinese art in relation to cultural and social changes from the first Opium War to the present, spanning the late-19th century, the 20th-century and the on-going developments of the 21st-century.

ARTH 381 - Nineteenth-Century American Art

Fall or Spring (3) Staff
North American Art and modernity during the long nineteenth century, from Benjamin West's revision of history painting in the Death of General Wolfe (1770) to the arrival of Marcel Duchamp's Nude Descending a Staircase, No. 2 at the Armory Show (1913), considered in relation to socio-political contexts and aesthetic traditions. Key movements: Neoclassicism, Romanticism, Realism, Aestheticism, Impressionism, early Avant-garde.

ARTH 383 - Twentieth-Century American Art

Fall or Spring (3) Braddock
North American Art from 1913 to the present , emphasizing varieties of Modernism and Postmodernism in relation to politics, industrialism, war, and other historical forces. Key movements and groups: the Stieglitz circle, Dada, Surrealism, Social Realism, Abstract Expressionism, Pop, Minimalism, Land Art, Conceptual Art, Folk and Outsider Art, Institutional Critique, Identity Politics, and Eco-art.

ARTH 389 - Museum Internships

Fall and Spring (1-3) Levesque
May be used as an opportunity for an off-campus experience. Must be approved in advance on a case-by-case basis by the

Department Chair and the Office of the Dean of Undergraduate Studies. See Special Programs-Internships in this catalog for more information. Open only to Art and Arth History majors who have completed at least 21 credits toward the major. May not be repeated. Note: Application through the Department and the Academic Advising Office in the preceding semester (see Special Programs-Internships in this catalog). Graded Pass/Fail

ARTH 393 - The Arts of China

Fall or Spring (3) Wu (College 200, ALV, GER 4B)
A study of art, architecture and archeological discoveries from the Stone Age to the 19th-century. Significant works are examined in the contexts of historical and social changes related to broader Chinese culture and intercultural exchanges (notably East/West). (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

ARTH 394 - The Arts of Japan

Fall or Spring (3) Wu (College 200, ALV, GER 4B)
A study of art, architecture and archeological discoveries from the Stone Age to the contemporary. High, religious, and popular arts are examined in the contexts of historical and social changes and intercultural exchanges with China, Korea and the West. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

ARTH 395 - The Visual Culture of Colonial Mexico

Fall or Spring (3) Webster (ALV, CSI, GER 4C)
An examination of Mexico's cultural pluralism and visual production from the late pre-Columbian period through the colonial era to independence (ca. 1500-1810), focusing particularly on the social and material manifestations of contact between European and native cultures.

ARTH 396 - Art of the Andes

Fall (3) Webster (College 200, ALV, CSI, GER 4B)
A survey of the portable arts and architecture of the Ancient Andes from pre-history to the early Spanish colonial period focusing on the ways these works functioned as part of larger cultural, political, and economic spheres. (This course is anchored in the ALV and CSI domains.)

ARTH 397 - Chinese Painting: Art, History and Theory

Fall or Spring (3) Wu (ALV, CSI)
A comprehensive study of Chinese ink painting. Artistic developments are examined against the debates on art, aesthetics, history, and cultural identity. Landscape, portraiture, birds-and-flower, narrative painting, Chan painting, the arts of the literati, the eccentrics and the courts are considered.

ARTH 460 - Seminar Topics in Art History

Fall or Spring (3) Staff. Prerequisite(s): Consent of instructor.
Seminar topics of special subjects that involve the student in research in primary materials and involve intense writing. May be repeated for credit when the topics vary.

ARTH 467 - Topics in Renaissance and Baroque Art

Fall or Spring (3) Levesque
Intensive study of a selected topic in European art involving style, genres, iconography and artistic theory. Study of original paintings, sculpture, drawings and prints, as available, will be emphasized.

ARTH 468 - History of Prints

Fall or Spring (3) Levesque. Prerequisite(s): Consent of instructor. *(ALV, CSI)*
A seminar on the origins and development of printmaking from the 15th to the 20th century. Prints are viewed as part of a wider cultural and artistic context and as a means of communication.

ARTH 470 - Colonial American Architecture and Town Planning

Fall or Spring (3) Staff
A history of major developments in architecture and town planning from 1562 to 1792 in the United States and Canada. All major colonial cultures are studied: English, French, Spanish, German, Swedish, and Russian.

ARTH 471 - Renaissance and Baroque Architecture and Urban Studies

Fall or Spring (3) Zandi-Sayek. Prerequisite(s): Consent of instructor.
A seminar with lectures that examines the major developments in architecture and town planning 1420-1780 in Europe and its

North American colonies with emphasis on particular themes such as humanism and classicism. A major paper and class presentation are required; likely field trip.

ARTH 474 - Topics in American Art

Fall or Spring (3) Staff
Intensive study of a selected topic in American art involving a genre (e.g., landscape painting), a period (the 1930s), a movement (tonalism), or an issue (e.g., the representation of women in 19th-century American art).

ARTH 477 - Representation of Nature in Asian Art

Fall or Spring (3) Wu (ALV, CSI)
The idea of nature in major Asian traditions (China, India, Japan, Korea, Persia) and beliefs (Confucian, Buddhist, Daoist, Hindu and Islam), with in depth examination of the concept of representation and its limits, through different cultural perspectives and artistic genres.

ARTH 480 - Methods of Art History

Fall or Spring (3) Staff. Prerequisite(s): Consent of instructor.
This seminar engages students in a critical survey of the methodological approaches to the study of the history of art.

ARTH 489 - Topics in Art History

Fall and Spring (1-3) Staff
Seminar devoted to an in-depth study of a selected topic.

ARTH 490 - Independent Study

Fall and Spring (1-3) Staff. Prerequisite(s): Consent of instructor.

ARTH 495 - Honors

Fall (3) Staff
Admission by consent of the departmental committee. Each candidate will be responsible for submitting by the end of their junior year a thesis proposal and a selected bibliography in some specific area of art historical literature, prepared in consultation with their advisor. Students admitted to honors study in art history will be enrolled in this course during both semesters of their senior year and will submit a scholarly thesis two weeks before the last day of classes of their graduating semester. Information is available from the department web site and the Charles Center. For College provisions governing the Admission to Honors, see Honors and Special Programs under Requirements for Degrees in this catalog.

ARTH 496 - Honors

Spring (3) Staff
Admission by consent of the departmental committee. Each candidate will be responsible for submitting by the end of their junior year a thesis proposal and a selected bibliography in some specific area of art historical literature, prepared in consultation with their advisor. Students admitted to honors study in art history will be enrolled in this course during both semesters of their senior year and will submit a scholarly thesis two weeks before the last day of classes of their graduating semester. Information is available from the department web site and the Charles Center. For College provisions governing the Admission to Honors, see Honors and Special Programs under Requirements for Degrees in this catalog.

Asian and Pacific Islander American Studies

Faculty

Faculty Advisory Board

Tanglao-Aguas (Director; Asian and Pacific Islander American Studies, Africana Studies, and Theatre)

Braxton (Africana Studies and English), **Chen** (Education), **Ferrao** (Asian and Pacific Islander American Studies & English), **Gosin** (Sociology), **Hamada Connolly** (Anthropology), **Han** (History), **Hui** (Modern Languages & Literature) **Kahn** (Anthropology), **Kitamura** (History), **Mullen** (Government), **Sheehi** (Modern Languages & Literature), **Sohoni** (Sociology), **Tang** (Modern Languages & Literature), **Thelwell** (Africana Studies and History), **Vose** (Religious Studies), **Weiss** (American Studies and English), **Wu** (Art & Art History).

The Asian and Pacific Islander American Studies Program

Asian Americans and Pacific Islanders are the fastest growing ethnic group in the United States. This interdisciplinary minor will provide students with the research, interpretive, and creative skills needed to examine the culture and experiences of this group. Program faculty are drawn from a variety of disciplines, making it possible to study these communities in a variety of contexts, including the broader Asian and Pacific Islander diasporas, globalization, the American Civil Rights movement, decolonization, and Third world solidarity.

Program

Asian and Pacific Islander American Studies, Minor

Students may declare their intention to minor in Asian & Pacific Islander American Studies after completing any one course in the program in consultation with a faculty from the Advisory Board. Other courses may be credited towards the minor after approval from the program director.

Required Credit Hours: 18

Core Requirements:

Students must pass a minimum of 9 credits from the following courses.

- APIA 205 - Introduction to Asian & Pacific Islander American Studies *(3)*
- APIA 351 - Peoples and Cultures of Polynesia *(3)*
- APIA 364 - Asian American Experience: Part 1, 1849-1965 *(3)*
- HIST 315 - Asian Pacific American History *(3)*
- SOCL 366 - Asian American Studies *(3)*

Electives:

Students must complete a minimum of 9 credits from the following courses, or any of the core courses above taken beyond the 9-credit core requirement.

- AFST 210 - Medicine, Arts, and Social Justice *(3)*
- AFST 371 - The Idea of Race *(3)*
- AFST 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)* (or GSWS/THEA 332)
- AMES 333 - South & South East Asian Folklore Performance *(3-4)* (or THEA 333)
- AMST 350 - Asian American Experience: Part 2 *(3)*
- APIA 350 - Topics in Asian & Pacific Islander American Studies *(3-4)*
- APIA 365 - Asian American Experience: Part 2, 1965-present *(3)*
- APIA 444 - Filipino American & Diaspora Studies *(3)*
- APIA 445 - Korean American Diaspora Studies *(3)*
- APIA 480 - Independent Study *(2-4)*
- APIA 495 - Honors *(3)*
- APIA 496 - Honors *(3)*
- ARAB 311 - Arabs in America, America in Arabs *(3)*
- HIST 341 - United States Immigration History *(3)*
- SOCL 337 - Immigration, Assimilation and Ethnicity *(3)*
- THEA 222 - Acting Asian American: The Performance of Identity *(3)*

Course Descriptions

APIA 205 - Introduction to Asian & Pacific Islander American Studies

Fall (3) Tanglao-Aguas (College 200, CSI)
This is an interdisciplinary study of Asian Americans and Pacific Islanders, including their histories, communities, cultures, socioeconomic development, political organizations, and their relationships with ancestral homelands, other Asian and Pacific Islander diasporas, and their unique roles as Americans on the world stage. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

APIA 350 - Topics in Asian & Pacific Islander American Studies

Fall or Spring (3-4) Staff
Relevant and critical topics explored through diverse courses taught by the affiliated and core faculty of the program of Asian & Pacific Islander American Studies. Students may enroll for multiple sections as long as the topics are not duplicated.

APIA 351 - Peoples and Cultures of Polynesia

Fall or Spring (3) Kahn
This course provides an introduction to the cultures of the Polynesian Islands, from the earliest peopling to the post-colonial era. We will focus on how all Eastern Polynesian societies descended from a common ancestral culture, but how through time, with isolation and adaptation to differing island environments, each Eastern Polynesian society developed their own unique localized identity. We will end the course with a consideration of colonial encounters and the consequences for indigenous Polynesian populations, and subsequent adaptations of these societies through time, due to colonial contexts, globalization, and climate change.

APIA 364 - Asian American Experience: Part 1, 1849-1965

Fall or Spring (3) Weiss (ALV)
This course is an interdisciplinary survey of the Asian American experience. Through readings in history, literature and film, we will examine the role of United States imperialism and World War II in the shaping of Asian immigration in the making of Asian Americans. Our texts include literary works by Sui Sin-Far, Maxine Hong-Kingston, Frank Chin, Hisaye Yamamoto and others. Films include Shanghai Express (1932); Charlie Chan at the Olympics (1937); The Flower Drum Song (1961); and Ang Lee's, The Wedding Banquet (1993).

APIA 365 - Asian American Experience: Part 2, 1965-present

Fall or Spring (3) (ALV)
This course is an interdisciplinary survey of the cultural expressions of the Asian American experience in the United States from 1965 to the present. Through literature and film, this course explores the history of immigration in the contexts of the United States' intervention in Southeast Asia and the cultural and social revolution of the 1960s at home. Writers include: Richard Kim, Teresa Cha, Gish Jin and Jhumpa Lahiri. We will also view documentary and feature films.

APIA 444 - Filipino American & Diaspora Studies

Spring (3) Tanglao-Aguas (College 200, ALV, CSI)
Seminar on history, culture, and arts of Filipino society and its global diaspora rooted in Southeast Asian maritime mercantile polities and matriarchal cultures. Students learn how Filipinos fight for agency through humor, performing arts, film & digital space, fashion, food, basketball, and boxing as they navigate and negotiate European, Japanese, Chinese and American imperialism and colonization. (This course is anchored in the ALV and CSI domains.)

APIA 445 - Korean American Diaspora Studies

Fall or Spring (3) (CSI)
Interdisciplinary seminar on the imagination, creation, and evolution of Korean communities that allow Koreans to influence the diasporic spaces they inhabit such as the United States, the Americas and the world.

APIA 480 - Independent Study

Fall or Spring (2-4) Staff
Student directed, designed and implemented course work towards a scholarly or creative output, after approval from solicited supervising faculty.

APIA 495 - Honors

Fall (3)
Students meeting the requirements to pursue Honors study design their scholarly inquiry or creative engagement of a thesis or

theme previously approved and supervised by an approving faculty supervisor. Solicited faculty will only consider written proposals with project descriptions and preliminary timelines for completion. To successfully receive credit for APIA 495, students must have completed the first draft of their research output, be it a creative work or scholarly paper by the end of examination week. Faculty will decide whether the student will continue on to APIA 496 on the basis of their assessment.

APIA 496 - Honors

Spring (3)
Students pursuing Honors study only enroll in APIA 496 upon approval from supervising faculty of their successful completion of APIA 495. The main thrust of this course is for revision, refinement, and elaboration on the first draft. The candidate for Honors will present their body of work to the public and will be examined by their faculty committee at least two weeks before the end of the semester. In the event that faculty and/or student discern that the current progress of the work is not at full completion or if the faculty committee makes the same decision, APIA 495 and 496 will be converted into APIA 480: Independent Studies.

APIA 499 - Senior Capstone Project

Fall or Spring (3 - 4)
This course provides graduating students the opportunity to create a culminating project demonstrating their application of knowledge they have learned in Asian Pacific Islander American Studies. In addition to scholarly research papers and creative work, students may also design practical projects or feasibility studies based on their interests.

Biochemistry [Back to Table of Contents]

Faculty

Advisory Committee

Bebout (Director, Chemistry), **Coleman** (Chemistry), **Hinton** (Biology), **Landino** (Chemistry), **Shakes** (Biology) and **Young** (Chemistry).

The Biochemistry Program

Biochemistry is a formalized minor within the Interdisciplinary Studies program. Students must declare this minor before the beginning of preregistration for the final semester of their senior year by submitting Biochemistry Minor Application and Declaration forms to the Director of Interdisciplinary Studies (Professor Schwartz in the Charles Center). Electives are to be selected by each student in consultation with a member of the Advisory Committee.

A Biochemistry minor is especially appropriate for those interested in advanced studies in Biology, Chemistry, or Neuroscience. The Biochemistry minor also complement professional preparation for a career in any field of medicine.

Program

Biochemistry, Minor

A minor in biochemistry requires successful completion of a minimum of 18 credit hours consisting of a 12 credit core and 6 credits in electives. Only two of the courses applied to the minor may also be applied to major requirements. In addition, at least 9 hours in prerequisites must be completed.

Declaration of a Biochemistry minor must occur after declaring an academic major and should occur before the beginning of preregistration for final semester senior year classes to ensure timely filing with the Office of the Registrar. Declaration of the Biochemistry minor involves completing the two forms provided below, obtaining approval signatures from any member of the Biochemistry Advisory Committee [Bebout (Director, Chemistry), Coleman (Chemistry), Hinton (Biology), Landino (Chemistry), Shakes (Biology), Young (Chemistry)], and submitting both forms with an unofficial transcript to the Director of Interdisciplinary Studies (Professor Schwartz in the Charles Center).

- Biochemistry Minor Declaration Form (pdf)
- Declaration of Academic Minor Form (pdf)

Required Core (12 or More Credits)

- CHEM 209 - Organic Chemistry II *(3)* or
- CHEM 307 - Organic Chemistry II for Life Sciences *(3)*

  and
- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*

  and either
- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)* or one of
- CHEM 305 - Inorganic and General Chemistry II *(3)* or
- CHEM 308 - General Chemistry II for Life Sciences *(3)* or
- CHEM 335 - Freshman Honors Chemistry *(3)*

  and either
- CHEM 414 - Biochemistry *(3)* or
- BIOL 414 - Biochemistry *(3)*

Additional Prerequisites (9 credits):

- CHEM 103 - General Chemistry I *(3)*

  and
- CHEM 206 - Organic Chemistry I *(3)*

  and either
- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)* or one of
- CHEM 305 - Inorganic and General Chemistry II *(3)* or
- CHEM 308 - General Chemistry II for Life Sciences *(3)* or
- CHEM 335 - Freshman Honors Chemistry *(3)*

  and possibly additional Mathematics or Biology courses depending on electives chosen

Electives (6 or More Credits)

Students must select two additional courses from those listed below which are not offered by their major department; students majoring in neither Biology nor Chemistry must select one Biology course and one Chemistry course. Some electives have an optional laboratory component.

- BIOL 306 - Microbiology *(4)*
- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 345 - Neurobiology *(3)*
- BIOL 415 - General Endocrinology *(3)*
- BIOL 420 - Genetic Analysis *(3)*
- BIOL 433 - Developmental Biology *(3)*
- BIOL 437 - Immunology *(3)*
- BIOL 442 - Molecular Genetics *(3)*
- BIOL 453 - Protein Structure and Function *(3)*
- CHEM 309 - Instrumental Analysis *(3)*
- CHEM 341 - Physical Chemistry for Life Sciences *(3)*

- CHEM 415 - Advanced Biochemistry *(3)*
- CHEM 417 - Neurochemistry *(3)*
- CHEM 419 - Bioinorganic Chemistry *(3)*
- CHEM 453 - Protein Structure and Function *(3)*

Additional Guidelines:

If a student with an AP Biology score of 5 elects not to take BIOL 220, the 4 credit Biology elective may count towards the Biochemistry minor. If the student takes BIOL 220, the Biology elective does not count towards the minor. Students with an exemption from BIOL 225 may either elect to take it for credit or take an additional Biochemistry minor Biology elective to obtain sufficient credits for the minor.

Non-chemistry majors considering the Biochemistry minor may also wish to consider the Chemistry Minor, which takes only two courses beyond the two-year introductory sequence in Chemistry rather than three. Since the Chemistry Minor electives include CHEM 309, CHEM 341 and CHEM 414, students anticipating scheduling difficulties that may preclude them from completing the Biochemistry Minor may want to fulfill the requirements for a Chemistry Minor first.

Semester course scheduling may vary depending on staff availability, and in some cases there are time conflicts.

Be certain you will have met course prerequisites by the time you plan to enroll in a course.

Declaration of the Biochemistry Minor should be submitted to the Charles Center before the beginning of preregistration for the final semester of the student's senior year.

A student with two majors may not declare a minor. Only one minor may be declared.

A minimum GPA of 2.0 is required in the courses which are to be counted toward the minor, and none may have been taken pass/fail.

You may count up to two courses toward both a major and a minor.

Biology [Back to Table of Contents]

Faculty

Professors

Allison, **Bradley** (Chair)**, Chambers, Cristol, Griffin, Heideman, Shakes, Saha, Sanderson, Swaddle** and **Zwollo**

Associate Professors

Allen, Case, Forsyth, Kerscher, Leu, Wawersik, and **Williamson**

Assistant Professors

Dalgleish, Hinton, LaMar, Murphy**,** and **Puzey, Pantel and Soto**

Professors Emeritus

Fashing, Hoegerman, Terman and **Ware.**

Visiting Assistant Professors

Buchser, DeBerry, Miller and **Sher**

Instructors

Saunders

The Biology Program

The program of the Department of Biology is organized to provide majors with a sound introduction to the principles of biology and to develop an appreciation for the diversity and complexity of living things. The department attempts to provide majors both

breadth and depth of training as well as a variety of approaches to the study of life, while allowing maximum flexibility in the development of programs consistent with the interests and needs of individual students. The major requirements below have been designed with these objectives in mind.

Given the increasing intersection of modern biology with other sciences, majors may wish to enhance their training through a minor in other programs. In addition to those programs offering undergraduate majors, minors are also available in Biochemistry, Environmental Science and Policy, Marine Science, Public Health, and, through the Applied Science program, in Computational Biology.

Graduate Program

The department offers the degrees of Master of Science and Master of Arts. For degree requirements and a description of graduate courses, see the Biology section of the Graduate Arts & Sciences catalog.

Programs

Biology Minor

Required Credit Hours: 21 credits

Core Requirements:

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)*
- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*
- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)*
- Remaining credits may be completed by taking any additional 200-400 level biology courses except BIOL 403.

Additional Information:

100 level biology courses are not applicable toward the minimum requirements.

Biology, BS

Required Credit Hours: 37

A minimum of 37 hours of biology as outlined below. In addition Biology majors are required to take CHEM 103 and CHEM 206 (both with their associated labs); MATH 131 (or MATH 111); and one of the following: MATH 132, MATH 112, BIOL 327, or BIOL 325. Except for BIOL 325 and BIOL 327, these chemistry and math courses are required but do not count towards the minimum 37 credits in biology. Biology majors, especially those planning on pursuing advanced degrees, are strongly recommended to take two semesters of physics and two additional semesters of chemistry. Students who received a score of 5 on the Advanced Placement Examination should consult the catalog section on Requirements for Degrees in regards to credit and exemption options.

Major Computing Requirement:

- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)* or
- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)*

Major Writing Requirement:

The Major Writing Requirement in biology is fulfilled in the required upper-level seminar, BIOL 460 or a course that is specifically designated as fulfilling the seminar requirement.

Core Requirements:

Principles of Biology:

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*

- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)* or
- BIOL 298 - Freshman Honors Biology Laboratory I *(1)*

- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*

- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)* or
- BIOL 299 - Freshman Honors Biology Laboratory II *(1)*

Integrative and Comparative Biology Requirement

One of the following courses:

- BIOL 302 - Integrative Biology: Animals *(4)*
- BIOL 304 - Integrative Biology: Plants *(4)*
- BIOL 306 - Microbiology *(4)*

Molecular/Cellular Biology Requirement:

One of the following courses:

- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 420 - Genetic Analysis *(3)*
- BIOL 433 - Developmental Biology *(3)*

Population Processes Biology Requirement:

One of the following courses:

- BIOL 312 - Evolution of Organisms *(3)*
- BIOL 318 - Conservation Biology *(3)*
- BIOL 412 - Vascular Plant Systematics *(4)*
- BIOL 417 - Population and Community Ecology *(4)*
- BIOL 426 - Aquatic Ecology *(4)*
- BIOL 427 - Wetland Ecosystems *(4)*

Advanced Laboratory Experience:

Laboratory work in at least one 400 level course. BIOL 403 and/or BIOL 495-BIOL 496 cannot substitute for the laboratory requirement.

Advanced Seminar Requirement:

- BIOL 460 - Advanced Seminar in Biology *(3)* or
- Course specifically designated as a seminar course.

Additional Requirement:

- The remainder of the 37 credits can be completed by any additional 300 and 400 level BIOL courses.

Additional Information:

100 level biology courses are not applicable towards the minimum requirements.

Course Descriptions

BIOL 100 - Critical Questions in Biology

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Biology, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

BIOL 106 - Disease, Biomedicine, and Biomedical Research

Fall (3) Shakes (College 200, NQR, GER 2B)
Introduction to the biology of common devastating diseases. Topics include the biological basis of specific disease and general approaches for accessing biomedical information, interpreting data from clinical trials, and appreciating the methodological approaches used by biomedical researchers to investigate disease. Not applicable toward the minimum requirements for a major or minor in Biology. (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.) Three class hours.

BIOL 112 - Medicine and the Mind

Fall (3) Staff (GER 2B)
The first half of this course will take a historical look at medical science and those who looked into the brain for answers about its function, including Thomas Willis and Christopher Wren. The second half will focus on our brains and which has more influence, nature or nurture. Not applicable toward the requirements for a major or minor in biology. Three class hours.

BIOL 115 - Memory and Learning: A Practical Guide for Students

Fall or Spring (2) Heideman
A review of research on the structure and function of brain areas involved in learning and memory in relation to research on the development of expertise. Includes a review of methods to improve learning efficiency and quality.

BIOL 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Biology. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

BIOL 201 - Freshman Research

Fall and Spring (1) Staff. Prerequisite(s): Consent of department and instructor.
Introduction to research with faculty mentor for freshmen identified by the Biology Department as having an unusually strong Biology background. Students cannot register themselves for this course.

BIOL 220 - Introduction to Organisms, Ecology, Evolution

Fall (3) Leu, Swaddle (College 200, NQR, GER 2B)
Course is designed for potential biology majors. Lectures explore the diversity of organisms, their interactions with each other and the environment, and the evolutionary processes that produce diversity. Topics include Mendelian genetics, major taxonomic groups, ecology, and evolution. Presupposes strong background in high school biology. (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.) Students who plan to major or minor in biology or to take upper division biology courses must also take the associated lab course (BIOL221 or BIOL 298), unless they received an AP5 in biology or an equivalent exemption. Three class hours. Three class hours.

BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory

Fall (1) Staff Prereq/Corequisite(s): BIOL 220 *(NQR)*
Laboratory investigations in ecology, Mendelian genetics, and animal behavior. (Lab) One discussion hour, three laboratory hours. (Lab) One discussion hour, three laboratory hours. There is a fee associated with the laboratory.

BIOL 225 - Introduction to Molecules, Cells, Development

Spring (3) Allison. Prerequisite(s): BIOL 220 and BIOL 221 or consent of instructor. CHEM 103 strongly recommended. *(GER 2B)*
Lectures explore the molecular and cellular characteristics of living organisms including cell structure, biochemistry, metabolism, molecular genetics, and cellular processes in development. Recommended for science majors. Presupposes strong background in high school biology and chemistry. Students who plan to major or minor in biology or to take upper division biology courses must also take the associated lab course (BIOL226 or BIOL 299), unless they received an AP5 in biology or an equivalent exemption. Three class hours. Three class hours.

BIOL 226 - Introduction to Molecules, Cells, Development Laboratory

Spring (1) Staff Prerequisite(s): BIOL 220 and BIOL 221. *Prereq/Corequisite(s):* BIOL 225 *(NQR)*
Laboratory investigations in cell, molecular, and developmental biology. (Lab) One discussion hour, three laboratory hours. (Lab) One discussion hour, three laboratory hours. There is a fee associated with the laboratory.

BIOL 230 - Introduction to Marine Science

Spring (3) Bronk, Weng Prerequisite(s): BIOL 220 *(NQR)*
This course provides an overview of physical, chemical, biological and geological processes operating in the world ocean. The interdisciplinary nature of marine science is emphasized, providing an integrated view of factors which control ocean history, circulation, chemistry and biological productivity. Three class hours. (Cross listed with GEOL 330 and MSCI 330)

BIOL 298 - Freshman Honors Biology Laboratory I

Fall (1) Saha Corequisite(s): BIOL 220 optional
The lab will focus on a genomics approach to bacterial pathogenicity and cell fate specification in the vertebrate nervous system. Students will master basic lab skills related to the projects, construct cDNA and genomics libraries, and conduct high throughput sequencing. There is a fee associated with the laboratory.

BIOL 299 - Freshman Honors Biology Laboratory II

Spring (1) Saha Corequisite(s): BIOL 225 optional
The lab will focus on a genomics approach to bacterial pathogenicity and cell fate specification in the vertebrate nervous system. Students will conduct in depth bioinformatics analysis of the sequenced cDNA and genomic libraries. There is a fee associated with this laboratory.

BIOL 302 - Integrative Biology: Animals

Fall (4) Heideman. Prerequisite(s): BIOL 220, BIOL 225
The study of the evolution, classification, ecology, behavior, development and functional systems of the major animal phyla. Certain aspects of human biology will also be covered. Three class hours, three laboratory hours. *(formerly BIOL 206)* There is a fee associated with the laboratory.

BIOL 303 - Introduction to Biological Research

Fall and Spring (1) Staff
Introduction to biological research in the lab or field conducted under the supervision of a faculty advisor. Biol 303 may be used as a gateway to independent research in Biology (e.g. BIOL 403). Hours to be arranged. By instructor permission only. Graded Pass/Fail. May be repeated once with the same or another faculty advisor.

BIOL 304 - Integrative Biology: Plants

Spring (4) Puzey Prerequisite(s): BIOL 220, BIOL 225
An examination of major groups of photosynthetic organisms, with emphasis on terrestrial plants and their interactions with other organisms. Their structure, reproduction, physiology and ecological importance are emphasized in an evolutionary context. Three class hours, three laboratory hours. There is a fee associated with the laboratory.

BIOL 306 - Microbiology

Fall, Spring (4) Forsyth, Staff Prerequisite(s): BIOL 220, BIOL 225.
Introduction to the biology of prokaryotes and viruses. Classical topics such as growth, metabolism and genetics, ecology, and molecular biology are covered in the lecture section. The laboratory introduces techniques routinely in microbiology such as sterile techniques, staining and microscopy, biochemical assays, microbial ecology, and genetics. Three class hours, three laboratory hours. *(formerly BIOL 440)* There is a fee associated with the laboratory.

BIOL 310 - Molecular Cell Biology

Fall and Spring (3) Wawersik, Saha, Shakes Prerequisite(s): BIOL 220, BIOL 225. *Prereq/Corequisite(s):* CHEM 206.
An introduction to the principles by which eukaryotic cells function with an emphasis on the molecular biology of cells and experimental approaches to their analysis. Three class hours. *(formerly BIOL 406)*

BIOL 312 - Evolution of Organisms

Fall and Spring (3) Murphy, Swaddle Prerequisite(s): BIOL 220, BIOL 225.
An introduction to the mechanisms and outcomes of evolution. Examples are drawn from many disciplines (e.g. genetics, behavior, and paleontology) to discuss how researchers study the evolution of organisms and develop and test evolutionary theory using integrative approaches. Three class hours. *(formerly BIOL 448)*

BIOL 317 - Paleontology

Spring (3) Lockwood. Prerequisite(s): GEOL 101, GEOL 110, GEOL 150W, both BIOL 220 and BIOL 225, or consent of the instructor.
The taxonomy of fossil organisms and the role of fossils in the study of organic evolution and the time relations of rock sequences. The laboratory stresses invertebrate morphology and quantitative measurement of local marine fossils. Field trips. Does not fulfill upper-division lab requirement. Two class hours, two laboratory hours. (Cross listed with GEOL 302)

BIOL 318 - Conservation Biology

Spring (3) Leu. Prerequisite(s): BIOL 220 and BIOL 221 or consent of the instructor.
An introduction to the fundamentals of conservation biology and an examination of current conservation issues. Topics include threats to biodiversity, endangered species management, and the interplay of politics, economics, or societal values in conservation decision making. Three class hours.

BIOL 325 - Introduction to Quantitative Biology

Fall (3) LaMar. Prerequisite(s): BIOL 220, BIOL 225, MATH 111 or MATH 131 *Corequisite(s):* BIOL 325L
Introduction to the mathematical tools used in quantitative analysis and modeling of biological systems. The goal is to develop quantitative reasoning skills through the use of mathematical modeling, data analysis, and computer simulation. Biological topics include population ecology, microbiology, epidemiology, evolutionary genetics, systems biology, and gene regulation.

BIOL 327 - Introduction to Biostatistics

Fall (3-4) LaMar. Prerequisite(s): BIOL 220 and BIOL 225 and MATH 111 (or MATH 131).
An introduction to statistics and research design, including statistical inference, hypothesis testing, descriptive statistics and commonly used statistical tests. Emphasis is placed on the application of quantitative techniques in the biological sciences and solution methods via use of the computer. Includes a separate lab (BIOL 327L) when offered as a 4 credit course.

BIOL 345 - Neurobiology

Spring (3) Del Negro Prerequisite(s): BIOL 225.
An introduction to the fundamental concepts of neurobiology; this course will cover basic neuroanatomy and electrophysiology, but will emphasize the molecular basis of neuronal development and signaling, including sensory systems, motor systems, learning and memory, behavior and disease of the nervous system. Three class hours.

BIOL 351 - Cellular Biophysics and Modeling

Fall (3) Smith. Prerequisite(s): MATH 112 or MATH 132, BIOL 225, or consent of instructor.
An introduction to simulation and modeling of dynamic phenomena in cell biology and neuroscience. Topics covered will include the biophysics of excitable membranes, the gating of voltage- and ligand-gated ion channels, intracellular calcium signaling, and electrical bursting in neurons. (Cross listed with APSC 351)

BIOL 356 - Random Walks in Biology

Fall (3) Shaw Prerequisite(s): (MATH 111 or MATH 131) and BIOL 220
This course introduces random processes in biological systems. It focuses on how biological processes are inherently stochastic and driven by a combination of energetic and entropic factors. Topics include diffusion, cell motility, molecular motors, ion channels, and extinction in populations. (Cross-listed with APSC 456.)

BIOL 401 - Evolutionary Genetics

Spring (3) Murphy Prerequisite(s): BIOL 220.
Evolution as an ongoing process, rather than as a history, is emphasized. Topics include theoretical and experimental population genetics, ecological genetics, interactions of evolutionary forces, genetic divergence, speciation, and molecular evolution.

BIOL 403 - Research in Biology

Fall and Spring (Credit to be arranged) Staff. Prerequisite(s): Consent of instructor.
Independent laboratory or field research under the supervision of a faculty member. A written report is required. No more than three hours may be applied toward the minimum 37 required for a biology major. Hours to be arranged. May be repeated for credit up to a maximum of 6 hours.

BIOL 404 - Special Topics in Biology

Fall and Spring (1-4) Staff
Four credit courses have an associated laboratory. Credits count toward major. If there is no duplication of topic, courses with this number may be repeated for credit.

BIOL 407 - Molecular Cell Biology Laboratory

Spring (1) Shakes. Prerequisite(s): BIOL 310.
An introduction to the use of cell biology laboratory techniques including light and electron microscopy, mutant analysis and selected biochemical techniques. Three laboratory hours. There is a fee associated with the laboratory.

BIOL 409 - Virology

Fall (3) Williamson. Prerequisite(s): BIOL 220, BIOL 221, BIOL 225, BIOL 226, and BIOL 310
This course gives an overview of fundamental concepts In virology. Topics include the discovery of viruses, principles of viral structure, viral morphogenesis, viral detection methods, viral vaccines, and ecological significance of viruses. A strong emphasis is placed on molecular mechanisms of viral replication. Three class hours.

BIOL 410 - Animal Behavior

Spring (3) Staff. Prerequisite(s): BIOL 220.
The study of vertebrate and invertebrate behaviors as adapted traits under the influence of both genes and the environment. Animal behavior, including that of humans and endangered species, will be placed in an ecological and evolutionary context. Three class hours.

BIOL 412 - Vascular Plant Systematics

Fall (4) Case. Prerequisite(s): BIOL 304.
A study of the principles and research methods of vascular plant systematics, emphasizing classification, evolution, and comparative morphology of the major families of vascular plants. Three class hours, four laboratory hours. *(formerly BIOL 205)* There is a fee associated with the laboratory.

BIOL 414 - Biochemistry

Spring (3) Staff. Prerequisite(s): CHEM 307 or CHEM 209. *Prereq/Corequisite(s):* CHEM 305 or CHEM 308.
Chemistry listing: "The molecular basis of living processes; the chemistry of important constituents of living matter, biosynthesis, metabolism, bioenergetics, enzyme kinetics, metabolic control, transport mechanisms. Section 01 primarily for life science majors; 02 for physical science majors." (Cross listed with BIOL 414) Biology listing as above but with cross listing to CHEM 414.

BIOL 415 - General Endocrinology

Spring (3) Bradley. Prerequisite(s): BIOL 302, BIOL 310.
A survey of the neuroendocrine physiology of major systems including the hormones of the hypothalamus, pituitary, adrenal, pancreas, thyroid, GI tract, and reproductive systems. The molecular-cellular control of general metabolism and reproduction in both health and disease is considered. Three class hours.

BIOL 416 - Ornithology

Fall (4) Staff. Prerequisite(s): BIOL 220.
Lectures, laboratory exercises, field experiments and birding trips will provide a comprehensive introduction to the ecology and evolution of birds. Phylogenetic relationships, behavior, conservation, and identification of Virginia's avian fauna will be stressed. Three class hours, three laboratory hours, several early morning field trips. There is a fee associated with the laboratory.

BIOL 417 - Population and Community Ecology

Fall (4) Dalgleish. Prerequisite(s): BIOL 302 (formerly BIOL 206), BIOL 304 (formerly BIOL 205); one may be taken concurrently.
Discussion of the structure and dynamics of ecological populations and biotic communities. Emphasis will be on environmental constraints and species interactions that control population growth and determine both diversity and similarities in community structure and function. Three class hours, three laboratory hours. There is a fee associated with the laboratory.

BIOL 418 - Functional Ecology

Spring (3) Sanderson.\ Prerequisite(s): BIOL 302 (formerly BIOL 206).
Concepts and approaches in physiological ecology, biomechanics and ecological morphology. The course emphasizes critical thinking, discussion, and student presentations on journal articles from the primary literature. Hypothesis formulation and methods of data collection and analysis will be studied. Three class hours. This course fulfills the seminar requirement in biology.

BIOL 419 - Plant Development and Physiology

Spring (4) Staff. Prerequisite(s): BIOL 304, BIOL 310.
An investigation of major topics in plant biology, encompassing plant development, reproduction, energetics and physiology, and

the use of genetic, molecular, and biochemical approaches to elucidate major outstanding questions. The accompanying lab will introduce students to model plant systems and a range of genetic, molecular, and histological techniques. There is a fee associated with the laboratory.

BIOL 420 - Genetic Analysis

Spring (3) Kerscher. Prerequisite(s): BIOL 220, BIOL 225.
Discussion of classical and modern genetics. Topics will be drawn from the following: Mendelian inheritance, recombination and linkage, cytogenetics, model genetic systems, mutation analysis, mitochondrial, and chloroplast genetics. Three class hours.

BIOL 421 - Genetic Analysis Laboratory

Spring (1) Kerscher. Prereq/Corequisite(s): BIOL 420.
Designed to illustrate genetic principles through experimental work with living organisms, including Drosophila, flowering plants, fungi and bacteria. Three laboratory hours. There is a fee associated with the laboratory.

BIOL 426 - Aquatic Ecology

Fall (4) Staff. Prerequisite(s): BIOL 220 or consent of instructor
Introduction to the ecology of aquatic systems; discussion of the important physical and chemical characteristics of aquatic environments and the adaptations of organisms living in water; community structure and the important processes affecting it, including major aspects of water pollution. Three class hours, three laboratory hours. There is a fee associated with the laboratory.

BIOL 427 - Wetland Ecosystems

Fall (4) DeBerry and Perry. Prerequisite(s): BIOL 220, BIOL 225.
An investigation of structure and function of wetland ecosystems, considering their formation and distribution at local, regional and continental scales. Interactions amongst biologic, geologic and hydrologic components in wetland development will be presented in lecture, lab and field exercises. Three class hours, three laboratory hours. There is a fee associated with the laboratory.

BIOL 428 - General Entomology

Fall (4) Staff. Prerequisite(s): BIOL 220, BIOL 225.
An introduction to the biology of insects designed to give the student an overview of entomology. Included are such topics as classification, morphology, physiology, behavior, ecology and economic importance. Three class hours, four laboratory hours. There is a fee associated with the laboratory.

BIOL 430 - Mechanisms of Bacterial Symbiosis

Fall (3) Forsyth. Prerequisite(s): BIOL 306 (formerly BIOL 440) or consent of instructor.
Symbiotic relationships encompass a spectrum from parasitism to mutualism. This class will explore the molecular basis of bacterial diseases and the basis of bacterial host mutualistic relationships. Three class hours. This course fulfills the seminar requirement in biology. Offered in alternate years.

BIOL 432 - Principles of Animal Physiology

Spring (4) Heideman. Prerequisite(s): (CHEM 206 and BIOL 302) or (CHEM 206, BIOL 310, BIOL 345, and PSYC 313)
The function of the animal as a whole as indicated by the physiology and interrelationships of different organs and organ systems. The emphasis is on vertebrates, with comparative examples from selected invertebrates. Three class hours, three laboratory hours. There is a fee associated with the laboratory.

BIOL 433 - Developmental Biology

Fall (3) Saha. Prerequisite(s): BIOL 220, BIOL 225, BIOL 310.
An introduction to embryonic and post-embryonic development processes in animals emphasizing both molecular and organismal mechanisms governing cellular differentiation, and the generation of form, shape, and function. Applications of developmental biology to human disease will also be covered including birth defects, stem cell biology, and regenerative medicine. Three class hours.

BIOL 437 - Immunology

Spring (3) Zwollo. Prerequisite(s): BIOL 220, BIOL 225 and BIOL 310 or BIOL 306
This course gives an overview of the cells and molecules that compose the immune system and the mechanisms by which they protect the body against foreign invaders, with emphasis on current experimental approaches and systems. Three class hours.

BIOL 438 - Immunology Laboratory

Spring (1) Zwollo. Prereq/Corequisite(s): BIOL 437.
An introduction to current techniques available to study immune responses in mice. Includes tissue culture of lymphocytes, measuring antibody levels using ELISA techniques, and detection of proteins expressed during lymphocyte development using Western blot analyses. Three laboratory hours. There is a fee associated with the laboratory.

BIOL 442 - Molecular Genetics

Fall (3) Allison. Prerequisite(s): BIOL 220, BIOL 225. *Prereq/Corequisite(s):* BIOL 310
This course gives a comprehensive introduction to molecular genetics emphasizing genome organization, DNA replication and repair, synthesis of RNA and proteins, regulation of prokaryotic and eukaryotic gene expression, epigenetics, RNA processing, molecular genetics of cancer, DNA biotechnology and human gene therapy. Three class hours.

BIOL 443 - Molecular Genetics Laboratory

Fall (1) Allison. Prereq/Corequisite(s): BIOL 442.
Experiments illustrating current techniques in molecular genetics, including basic cloning, transformation of bacteria with recombinant DNA, plasmid and genomic DNA purification, gel electrophoresis, restriction digests, DNA labeling, Southern transfer, PCR and green fluorescent protein expression in transfected mammalian cells. Three laboratory hours. There is a fee associated with the laboratory.

BIOL 444 - Biology Laboratory Teaching

Fall, Spring, and Summer (1) Staff. Prerequisite(s): Student must have achieved an A- or above in an upper level biology laboratory class in which they will assist. Consent of instructor.
An introduction to biology laboratory teaching through selected readings and short discussion sessions. Teaching skills will be developed by assisting in an advanced biology laboratory. Three laboratory hours.

BIOL 445 - GIS for Biologists

Spring (3) Leu. Prerequisite(s): BIOL 220, BIOL 225, consent of instructor.
This hands-on course will integrate Geographical Information Systems into biological research. Emphasis will be on developing spatial metrics, comparing cell or land cover patterns across spatial or temporal scales, classifying satellite or medical imagery, and modeling species distributions. Four class hours.

BIOL 447 - Neurophysiology

Fall (4) Staff. Prerequisite(s): BIOL 225, CHEM 307, or consent of instructor.
An exploration into the basic concepts related to the activity of the nervous system. This course will focus on electrical and chemical signaling within the nervous system and the ability to control and regulate other physiologic systems. In the fall of 2011, this course will have a prerequisite of BIOL 345 and CHEM 307. Three class hours, three laboratory hours. There is a fee associated with the laboratory.

BIOL 453 - Protein Structure and Function

Fall (3) Hinton. Prerequisite(s): BIOL 310, BIOL 414, or CHEM 414
The functionality of a protein is an integral part of its structure. This course provides a comprehensive analysis of how to use sequence data to understand a protein's physical properties, and to predict its function and interaction. Three class hours. (Cross-listed with CHEM 453)

BIOL 453L - Protein Structure and Function Laboratory

Fall (2) Hinton Prereq/Corequisite(s): BIOL 453 or CHEM 453
Modern biochemical techniques used by scientists to understand the functionality of proteins, including bacterial transformation, recombinant DNA purification, mammalian transfection, DNA/protein purification, immunoprecipitation, SDS-PAGE, coomassie and silver staining, western blot analysis, fast performance liquid chromatography, and 2-D gel analysis.

BIOL 454 - Bioinformatics and Molecular Evolution

Spring (3) Smith. Prerequisite(s): MATH 112 or MATH 132, BIOL 225, or consent of instructor.
An introduction to computational molecular biology and molecular evolution including nucleotide and amino acid sequence comparison, DNA fragment assembly, phylogenetic tree construction and inference, RNA and protein secondary structure prediction and substitution models of sequence evolution. (Cross-listed with APSC 454)

BIOL 455 - How Students Learn

Fall (1) Heideman. Prerequisite(s): Two years of college science and/or mathematics and consent of Instructor.
A practical review of research on the structure and function of brain areas involved in learning (2/3 of the class) followed by

practical methods to use this knowledge in teaching at the high school level (1/3 of the class). Not applicable to major or minor, with the exception that students pursuing a career in education may petition to count this toward a Biology major or minor.

BIOL 456 - Vertebrate Biology

Fall (3) Sanderson Prerequisite(s): BIOL 302
A study of the ecology, phylogeny, behavior, physiology and functional morphology of vertebrates, with special emphasis on fishes, amphibians and reptiles. Three class hours.

BIOL 456L - Vertebrate Biology Lab

(Fall) (1) Staff Prereq/Corequisite(s): BIOL 456
An overview of vertebrate groups and select techniques and approaches used by researchers, with special emphasis on fishes, amphibians and reptiles. Students will be introduced to facilities available on campus for designing and 3D-printing models and will develop a research project. Three laboratory hours. There is a fee associated with the laboratory.

BIOL 457 - Invertebrate Biology

Fall (4) Allen. Prerequisite(s): BIOL 302
Biology of the major invertebrate groups with an emphasis on marine and estuarine species. Strongly recommended for students interested in marine biology. Three class hours, three laboratory hours. *(formerly BIOL 316)* There is a fee associated with the laboratory.

BIOL 458 - Conservation Biology Laboratory

Fall (1) Leu. Prereq/Corequisite(s): BIOL 318.
This course has two goals. First, students will learn current field techniques to sample local flora and fauna and how to analyze survey and long-term monitoring data sets. Second, students will learn current quantitative approaches in conservation to model connectivity, population viability, and reserve design. Three laboratory hours. There is a fee associated with the laboratory.

BIOL 459 - Critiquing Biomedical Assumptions

Spring (1) Heideman. Prerequisite(s): Any one of the following majors: Biology, Chemistry, Kinesiology, Mathematics Neuroscience, Physics.
A study of cases in which uncritical acceptance of flawed assumptions prevented advances in areas of biology, chemistry, mathematics, and physics broadly related to medicine. Includes reading of primary literature, student presentation, and discussion. Appropriate for juniors and seniors; likely to be of greatest relevance to majors in the natural, physical, or computational sciences interested in biomedical research or clinical practice. One class hour.

BIOL 460 - Advanced Seminar in Biology

Fall and Spring (3) Staff. Prereq/Corequisite(s): Vary by topic.
Special topics of interest will be discussed within the context of small, advanced seminar courses. Advanced seminars emphasize critical reading of the primary literature and discussions of experimental design. Students will be expected to give one or more oral presentations and complete one or more major writing assignments. Fulfills the major writing requirement in biology. Appropriate for juniors and seniors. With instructor permission, courses with this number may be repeated for credits when the topic varies, however only one counts towards the minimum 37 credits required for the major. Note: See Current Listing and Description of seminar topics on the Biology website at www.wm.edu/biology Three class hours.

BIOL 480 - Directed Readings in Biology

Fall and Spring (1-3) Staff. Prerequisite(s): BIOL 220, BIOL 225.
A directed readings course to investigate the biological basis of an advanced special topic in biology, with intensive reading of review of articles, texts, and primary literature on the topic.

BIOL 495 - Honors

Fall and Spring (3) Staff. Prerequisite(s): Senior standing, an overall major grade point average of 3.0 and consent of departmental committee on honors and undergraduate research.
Independent laboratory or field research for biology majors under the supervision of a faculty member. Students are required to write an Honors thesis based on a review of the literature and their research. Six hours may be applied toward the minimum 37 required for the biology major. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

BIOL 496 - Honors

Fall and Spring (3) Staff. Prerequisite(s): Senior standing, an overall major grade point average of 3.0 and consent of departmental committee on honors and undergraduate research.

Independent laboratory or field research for biology majors under the supervision of a faculty member. Students are required to write an Honors thesis based on a review of the literature and their research. Six hours may be applied toward the minimum 37 required for the biology major. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

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Faculty

Professors

Pulley (Dean and T. C. and Elizabeth Clarke Professor), **Boschen** (Brinkley-Mason Professor), **Bradley** (Hays T. Watkins Professor), **Bryce** (Life of Virginia Professor), **Ganeshan** (D. Hillsdon Ryan Term Professor), **Gibson** (J. Edward Zollinger Professor), **Guerrero** (Richard C. Kraemer Term Professor), **Haltiner** (Chancellor Professor), **Jones** (J. S. Quinn Term Professor), **Kohli** (John N. Dalton Professor), **Locke** (Walsh Professor), **Merrick** (Richard S. Reynolds Professor), **Mooradian** (Associate Dean for Faculty and Williams J. Fields Professor), **Murray** (clinical), **Rahtz** (J.S. Mack Professor), **Ring** (Executive MBA Alumni Professor), **Seiler** (K. Dane Brooksher Professor)**, Shane** (KPMG Professor of Professional Accounting)**, Sims** (Floyd Dewey Gottwald, Sr. Professor), **Smith** (Chancellor Professor), **Stewart** (David R. Peebles Professor), **Strong** (CSX Professor), **Swan**

Associate Professors

Abraham, **Agnew** (Class of 2018 Term Associate Professor), **Allred**, **Atanasov**, **Blossom** (clinical), **Boone**, **Carboni, Cici** (Thomas L. Owen Term Associate Professor of Finance), **Edmiston** (clinical), **Guthrie** (Mansfield Term Associate Professor) **Hess**, **Hewitt** (clinical), **Luchs, McCoy**, **Olver**, **Petrovits**, **Picconi**, **Stauffer** (clinical), **Stowers** (clinical), **Stump** (clinical), **Szykman**, **Wilson** (W. Brook George Term Associate Professor), **Woods**

Assistant Professors

Diaz, **Foster** (clinical), **Howard**, **Johnson-Hall**, **Long**, **Marble** (clinical), **Njoroge**, **Rosenfeld**

Lecturers

Bertolini (clinical), **Henshaw** (clinical), **Holmlin** (clinical), **Kourmadas** (visitor), **Monark**, **Stephens** (clinical), **Tack** (visitor), **Williams** (clinical)

Mission Statement

The mission of the Mason School of Business of the College of William & Mary is to serve the Commonwealth, the nation, and the global community both by offering high-quality educational programs at the undergraduate, graduate, and professional levels and by creating and communicating new knowledge. We fulfill this mission through:

Building a faculty whose research, teaching, and service influence students, business leaders, policy makers, and other scholars;

Engaging students in innovative educational experiences to nurture creativity, to mentor high ideals, and to accelerate ambitions of leadership that they will imagine the business opportunities of the day and seize them.

The College of William & Mary initiated studies in business administration in 1919. The School of Business was formed in 1968 to administer both the undergraduate and graduate degree programs in business administration. The Mason School of Business was named in November 2005 in honor of alumnus Raymond A. Mason.

The undergraduate degree program normally leads to a Bachelor of Business Administration (BBA). Students who double major in a Business and an Arts and Sciences discipline may choose either as their primary major. Students will receive the degree that corresponds to their primary major (BBA for Business, BA or BS for Arts and Sciences).

Graduate programs lead to a Master of Business Administration (MBA), Master of Accounting (MAcc), or Master of Science (MS). Detailed information about these programs is provided online at http://mason.wm.edu. All programs are accredited by the Association to Advance Collegiate Schools of Business International (AACSB International).

Undergraduate Business Program

The Undergraduate Business Program offers an individualized approach to business education. Each student is challenged to design an Individual Program of Study (IPS) that uniquely addresses their particular goals and interests including post-graduate plans.

Business majors are offered in four areas: Accounting; Business Analytics; Finance; Marketing. To promote breadth of study students may complement their major field of study by electing to pursue a concentration in a second business area. Concentrations are offered in the following ten areas: Accounting; Business Analytics; Consulting; Entrepreneurship; Finance; Innovation and Design; Management and Organizational Leadership; Marketing; Supply Chain Analytics; Sustainability.

The first semester in the Undergraduate Business Program students complete the Integrated Foundation Semester (known informally as "the Block"). Students work in the same teams across classes, and take a cluster of courses including: business analytics, finance, marketing, computer applications, and business perspectives. Teams gain experience in making presentations in several courses in the Block. Ethical issues are addressed in various contexts. In addition, for a week positioned near the end of the semester, student teams participate in a simulation where students integrate the knowledge they have acquired and make a final presentation to business executives. By the end of the semester all students have gained exposure to the majors (Accounting; Business Analytics; Finance; Marketing) offered within the Undergraduate Business Program.

Many students in the Undergraduate Business Program combine their studies in business with a major or a minor in a department outside of the Mason School of Business. We also strongly encourage students to include an internship experience in their Individual Program of Study.

The Mason School of Business believes every student should have an international experience. We have designed our curricula so all majors are able to earn their degree with an "International Emphasis." Our curricula permit flexibility allowing students to study abroad in the spring of their junior year; however, this goal may conflict with other goals such as a completing a double major or an internship. Consequently, the Undergraduate Program offers an early admission option to students who are considering study abroad in the second semester of their sophomore year. Students interested in studying abroad should contact the Undergraduate Business Program and the Global Education Office in the Reves Center for International Studies for more information.

Students are encouraged to begin planning their Individual Program of Study in the Business School as soon as they determine that they have an interest in business.

Admission to the Majors Program

The Mason School of Business offers majors in the following four areas: Accounting; Business Analytics; Finance; Marketing. All students who wish to major in Business (whether as a primary or secondary major) must apply for admission to the Mason School of Business.

Our competitive admissions process is designed to identify students who will thrive academically and professionally, and who will contribute to our learning community through their unique background of talents and experiences. Details on our admission process can be found on our program website: http://mason.wm.edu.

To be considered for admission, all prospective business majors must meet the following qualifications prior to the semester of entry into the Business School: junior standing (54 academic credit hours) and completion of the following prerequisite courses: Principles of Microeconomics, Principles of Macroeconomics, Introductory Calculus, Introductory Statistics (must include regression analysis), and Principles of Accounting. Students enrolled at the College of William & Mary should consult the Undergraduate Business Program website (http://mason.wm.edu) to determine which William & Mary courses will satisfy these requirements. Also, Majors are required to have at least a 2.5 GPA; however, the admission process is competitive, and meeting the minimum GPA does not guarantee acceptance into the business program.

Transfer students have a separate admissions process and timeline, and should refer to our website for more information (for the purposes of our admissions process, we define transfer students as any student who has completed less than 12 credit hours in residence at William and Mary).

The Undergraduate Business curricula are designed so that most students will begin the core program in the fall semester of their junior year. Thus, students normally apply for admission to the Mason School of Business during the spring semester of their sophomore year for admission in the following fall semester. The Mason School of Business also accepts applications in the fall semester for admission in the following spring semester.

The deadlines for enrolled William & Mary students to apply to the Majors Program are February 1 for fall admission and September 15 for spring admission. Applications received by the deadline will be given preference over all late applications. Late applicants and transfer students should contact the Undergraduate Business Program in the Mason School of Business for additional information. Appeals from students who are denied admission should be directed to the Committee on Admissions, Academic Status and Degrees of the Mason School of Business by contacting the Undergraduate Business Program office.

Students admitted to the Mason School of Business Majors and Minors Programs have priority when enrolling in oversubscribed courses. Students who are not admitted to the Majors Program are not eligible to declare a major in the Mason School of Business regardless of whether they satisfy the course requirements stated in this catalog.

Committee on Admissions, Academic Status and Degrees

Upon admission to the Mason School of Business, all candidates for the BBA degree come under the jurisdiction of the School's administration including its Committee on Admissions, Academic Status and Degrees in all matters appropriately pertaining thereto.

Early Admission for Study Abroad

Students typically apply to the Majors Program in the second semester of the sophomore year or the semester when total credits earned by the end of the semester is at least 54 hours. The second semester of the sophomore year may also be an ideal semester for study abroad. While it is possible both to apply to the Majors Program and to study abroad at the same time, many students would rather not do this. To remove this impediment to study abroad, the Majors Program has instituted an early admission procedure for students who fulfill the following requirements.

You must have completed a minimum of 42 semester hours by the end of the semester in which you apply for early admission. You must have a minimum cumulative GPA of 3.0 at the time of application. You must be enrolled as a full-time student in an international program through the Global Education Office in the Reves Center for International Studies for the semester following early admission. All requirements for admission as stated in the catalog must be completed by the time that you enter the Majors Program. Your early admission will be cancelled if for any reason you choose not to complete the international program.

Students applying for study abroad early admission follow the same application procedures. The deadline to apply to the Majors Program is November 1 for the following fall admission.

Admission to the Minors Program

The Minors Program provides William & Mary students who are not in the Majors Program with an opportunity to gain in depth exposure to a business discipline. The Mason School of Business offers minors in the following six areas: Accounting; Business Analytics; Finance; Management and Organizational Leadership; Marketing; Supply Chain Analytics. Please see the catalog section on Requirements for the Minors Program for specific details related to course requirements. Students are accepted into a particular Minors Program (e.g. Finance, Marketing) and cannot change the area of emphasis without approval from the Undergraduate Program. If applicable, students in the Minors Program may count up to six hours toward both their major and their Business minor.

Our competitive admissions process is designed to identify students who will thrive academically and professionally, and who will contribute to our learning community through their unique background of talents and experiences. Details on our admissions process can be found on our program website: http://mason.wm.edu.

Applicants to the Minors Program must have a minimum overall GPA of 2.50 at the time of application, have attained junior standing and have satisfied all course prerequisites for the minor prior to the semester of entry in the Business School. Minor disciplines with course prerequisites are as follows:

- Business Analytics - Introductory Statistics
- Finance - Principles of Accounting and Introductory Statistics
- Marketing - Principles of Microeconomics and Principles of Macroeconomics
- Supply Chain Analytics - Introductory Statistics.

The Mason School of Business accepts applications to the Minors Program in the fall and spring semesters. The deadlines for applying to the Minors Program are February 1 for fall admission and September 15 for spring admission. Prospective applicants should consult the Undergraduate Business Program in the Mason School of Business for additional information. Applications received by the deadline will be given preference over all late applications. Appeals from students who are denied admission should be directed to the Committee on Admissions, Academic Status and Degrees of the Mason School of Business by contacting the Undergraduate Business Program office.

Students admitted to the Majors Program and the Minors Program have priority when enrolling for oversubscribed courses. Students who are not admitted to the Minors Program are not eligible to declare a minor in the Mason School of Business regardless of whether they satisfy the course requirements stated in this catalog.

Concentrations for Business Majors

The Mason School of Business is committed to an education that is integrated and multidisciplinary. These are important strengths that distinguish our programs. All majors complete an integrated core program that emphasizes exposure to the underlying business disciplines. In addition, many students will find it desirable to pursue a multidisciplinary curriculum that will include advanced study in a business discipline other than their major field. The concentration option is designed for students who wish to complete six to nine credit hours of advanced coursework in a business discipline other than their major field. Concentrations are available in the following ten areas: Accounting; Business Analytics; Consulting; Entrepreneurship; Finance; Innovation and Design Thinking; Management and Organizational Leadership; Marketing; Supply Chain Analytics; Sustainability.

International Emphasis for Business Majors

The Undergraduate Business Program seeks to recognize the achievement of students in the Majors Program who have incorporated in their Individual Program of Study significant international experience. Students fulfilling the requirements set forth below will be described as completing an Individual Program of Study with an International Emphasis. This designation provides recognition for students who seek an international perspective.

The requirements for an International Emphasis include: (1) a course in international business; (2) an elective with an international emphasis that is related to your major or concentration, with a provision for exceptions as noted below; (3) a language and/or culture requirement; and (4) a study abroad experience. These requirements are discussed in detail below:

1. You must complete BUAD 410 - International Business Management, BUAD 412 - Global Business Analysis, BUAD 413 - Global Business Immersion, or the equivalent.
2. If you are majoring or concentrating in a discipline that offers an international course, you must successfully complete one course that has an international emphasis. In the event that for a particular Individual Program of Study no course with an international emphasis is offered, a student who has a minor may satisfy this requirement by successfully completing an international course in the discipline of the minor. For all other cases, you must seek approval for a course with an international emphasis that is appropriate for your Individual Program of Study.
3. You must successfully complete an approved elective that focuses on foreign language or culture. A course offered by the Department of Modern Languages at the College that focuses on commercial applications of a foreign language satisfies this requirement. This requirement is also satisfied by completing six semester hours of credit of language study beyond the 202 level. Other courses must be submitted for approval to the Undergraduate Business Program. No course will be approved unless the focus on language or the focus on culture is fundamental to the design of the course.
4. You must successfully complete a minimum of twelve semester hours of credit in a study abroad program(s). Only credits earned in a study abroad program(s) that are transferred back to William & Mary and appear on the official College transcript can be applied to satisfy this requirement. The credits can be earned over one semester or over time in separate study abroad experiences.

Student Honors

Beta Gamma Sigma is the national honorary society which recognizes excellence in academic achievement in schools of business administration. Beta Gamma Sigma was founded in 1907 to encourage and reward scholarship and accomplishment in the field of business studies, to promote advancement of education in the science of business, and to foster principles of honesty and integrity in business practice.

Academic Standing

Students are required to maintain a 2.0 overall grade point average and a 2.0 grade point average in business courses. A student who fails to maintain these standards will be on academic probation within the Mason School of Business. Students on academic probation must attain a 2.0 overall grade point average and a 2.0 business grade point average by the end of the next regular semester. If at the end of the probationary period the student has not met the minimum grade point requirements, the student's standing will be subject to review by the Committee on Admissions, Academic Status and Degrees of the Mason School of Business for possible dismissal.

Unless specified as pass/fail in the course description, business courses cannot be taken on a pass/fail basis.

Second Major

BBA degree candidates may declare two majors but only one major may be in the business disciplines. A maximum of six credits may be counted towards both majors.

Residency Requirement

Students admitted to the Undergraduate Business Program must complete four semesters as full-time admitted business students. A student may petition the Committee on Admissions, Academic Status and Degrees of the Mason School of Business to waive this residency requirement.

Major Requirements

All students applying for admission to the Majors Program are required to declare one of the following four majors: Accounting; Business Analytics; Finance; Marketing.

Requirements for the Minors Program

The Mason School of Business offers minors in the following six areas: Accounting; Business Analytics; Finance; Management and Organizational Leadership; Marketing; Supply Chain Analytics. The Minors Program provides students who are not in the Majors Program with an opportunity to gain an in-depth exposure to a business discipline. Business majors are not eligible to declare a minor in the Mason School of Business. Students may count up to two courses toward both their major and a minor.

Elective Courses for Non-Business Students

Students who are not pursuing a formal program in the Mason School of Business may enroll on a space available basis in business classes if have satisfied course prerequisites and with permission from the Undergraduate Business Program office. Details can be found on our website: http://mason.wm.edu.

Programs

Accounting, BBA

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Additional Core Requirements:

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting, Business Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Business Analytics Concentration

Students wishing to complete a concentration in Business Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

Required Course (3 credits):

- BUAD 466 - Developing Business Intelligence *(3)*

Additional Requirements (choose 3 credits):

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Accounting, Consulting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Consulting Concentration

Students wishing to complete a concentration in Consulting must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 431 - Strategic Analysis and Consulting *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 482 - Project Management *(3)*

Accounting, Entrepreneurship Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the

following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Entrepreneurship Concentration

Students wishing to complete a concentration in Entrepreneurship must satisfy the requirements for the major, complete BUAD 443, and complete an additional nine credit hours as specified below.

Required Course (3 Credits):

- BUAD 443 - Entrepreneurial Ventures *(3)*

Additional Requirements (choose 6 credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*
- BUAD 451 - Customer Insights for Innovation *(3)* or
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 474 - Negotiation *(3)*

Accounting, Finance Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*

- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Concentration in Finance

Students wishing to major in Accounting with a concentration in Finance must satisfy the requirements for the Accounting major and complete an additional six credit hours in advanced-level Finance to be chosen from the following. These six credit hours must include BUAD 324, or BUAD 325, or both:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Accounting, Innovation & Design Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Innovation and Design Concentration

Students wishing to complete a concentration in Innovation and Design must satisfy the requirements for the major, and complete an additional nine credit hours as specified below.

Students choose two courses of the following (6 Credits):

- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 457 - Creative Problem Solving *(3)*

Additional Requirements (Choose 3 Credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 443 - Entrepreneurial Ventures *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*

Accounting, Management and Organizational Leadership Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Concentration in Management and Organizational Leadership

Students wishing to major in Accounting with a concentration in Management and Organizational Leadership must satisfy the requirements for the Accounting major and complete an additional six credit hours to be chosen from the following courses:

- BUAD 435 - Teams: Design, Selection, and Development *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 438 - Leadership *(3)*
- BUAD 442 - The Psychology of Decision Making *(3)*

Accounting, Marketing Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*

- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Marketing Concentration

Students wishing to complete a concentration in Marketing must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Marketing to be chosen from the following:

- BUAD 442 - The Psychology of Decision Making *(3)*

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 452 - Marketing Research *(3)*

Accounting, Minor

Required Credit Hours: 18

Core Requirements:

The following two courses must be part of the 18 credit hour requirement:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 301 - Financial Reporting and Analysis *(3)*

Additional Requirements:

Students must complete two of the following courses as part of the 18 credit hour requirement:

- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Note:

In addition, six elective credits chosen from business courses numbered 300 and above.

Accounting, Supply Chain Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*

- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Supply Chain Analytics Concentration

Students wishing to complete a concentration in Supply Chain Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Accounting, Sustainability Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Accounting Major

Accounting majors designing an Individual Program of Study that anticipates graduate study in accounting may wish to emphasize interdisciplinary study at the undergraduate level and specialized accounting study at the graduate level. An Individual Program of Study for accounting majors not intending to pursue significant graduate study in accounting may emphasize specialization in accounting at the undergraduate level and include accounting courses as an alternative to a concentration in business. In many states, including Virginia, the requirements governing the Certified Public Accountant (CPA) designation are different for determining eligibility to sit for the CPA Exam as opposed to qualifying for a license. These requirements are determined by state laws and are subject to revision; to obtain the most current information consult the appropriate state agency.

Accounting Major with a specialization in accounting (graduate study in accounting not anticipated)

The major in Accounting for students not intending to pursue significant graduate study in accounting requires the following courses, totaling 15 credit hours, in addition to the Core Program.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Electives

(not required) can be chosen from the following:

- BUAD 401 - Advanced Accounting *(3)*
- BUAD 406 - Advanced Federal Taxation *(3)*
- BUAD 408 - Tax Compliance, Tax Research, and Tax Planning *(3)*

Accounting Major (Graduate Study in Accounting Anticipated)

The major in Accounting for students intending to pursue significant graduate study in accounting at the graduate level requires the following courses, totaling 15 credit hours, in addition to the Core Program. Students may declare a concentration in the following areas: Entrepreneurship; Finance; Management and Organizational Leadership; Marketing; Process Management and Consulting.

- BUAD 301 - Financial Reporting and Analysis *(3)*
- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Sustainability Concentration

Students wishing to complete a concentration in Sustainability must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Business Analytics with Data Science, Accounting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*

- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Accounting Concentration

Students wishing to complete a concentration in Accounting must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Accounting to be chosen from the following. These credits must include BUAD 301.

Required Course (3 Credits):

- BUAD 301 - Financial Reporting and Analysis *(3)*

Additional Requirement (choose 3 credits):

- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 401 - Advanced Accounting *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*

- BUAD 405 - Federal Taxation *(3)*

Business Analytics with Data Science, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*

- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Business Analytics with Data Science, Consulting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Consulting Concentration

Students wishing to complete a concentration in Consulting must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 431 - Strategic Analysis and Consulting *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 482 - Project Management *(3)*

Business Analytics with Data Science, Entrepreneurship Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*

- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Entrepreneurship Concentration

Students wishing to complete a concentration in Entrepreneurship must satisfy the requirements for the major, complete BUAD 443, and complete an additional nine credit hours as specified below.

Required Course (3 Credits):

- BUAD 443 - Entrepreneurial Ventures *(3)*

Additional Requirements (choose 6 credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*
- BUAD 451 - Customer Insights for Innovation *(3)* or
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 474 - Negotiation *(3)*

Business Analytics with Data Science, Finance Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*

- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Finance Concentration

Students wishing to complete a concentration in Finance must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Finance to be chosen from the following. These six credit hours must include BUAD 324, or BUAD 325, or both:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Business Analytics with Data Science, Innovation & Design Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Innovation and Design Concentration

Students wishing to complete a concentration in Innovation and Design must satisfy the requirements for the major, and complete an additional nine credit hours as specified below.

Students choose two courses of the following (6 Credits):

- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 457 - Creative Problem Solving *(3)*

Additional Requirements (Choose 3 Credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 443 - Entrepreneurial Ventures *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*

Business Analytics with Data Science, Management and Organizational Leadership Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Management and Organizational Leadership Concentration

Students wishing to complete a concentration in Management and Organizational Leadership must satisfy the requirements for the major and complete an additional six credit hours to be chosen from the following courses:

- BUAD 435 - Teams: Design, Selection, and Development *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 438 - Leadership *(3)*
- BUAD 442 - The Psychology of Decision Making *(3)*

Business Analytics with Data Science, Marketing Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*

- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Marketing Concentration

Students wishing to complete a concentration in Marketing must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Marketing to be chosen from the following:

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 446 - Consumer Behavior *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 452 - Marketing Research *(3)*

Business Analytics with Data Science, Supply Chain Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Supply Chain Analytics Concentration

Students wishing to complete a concentration in Supply Chain Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Business Analytics with Data Science, Sustainability Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Data Science Major

The major in Business Analytics with Data Science requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)* or BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Sustainability Concentration

Students wishing to complete a concentration in Sustainability must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Business Analytics with Supply Chain, Accounting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Accounting Concentration

Students wishing to complete a concentration in Accounting must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Accounting to be chosen from the following. These credits must include BUAD 301.

Required Course (3 Credits):

- BUAD 301 - Financial Reporting and Analysis *(3)*

Additional Requirement (choose 3 credits):

- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 401 - Advanced Accounting *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Business Analytics with Supply Chain, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*

- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Business Analytics with Supply Chain, Business Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*

- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Business Analytics Concentration

Students wishing to complete a concentration in Business Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

Required Course (3 credits):

- BUAD 466 - Developing Business Intelligence *(3)*

Additional Requirements (choose 3 credits):

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*

- BUAD 482 - Project Management *(3)*

Business Analytics with Supply Chain, Consulting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*

- BUAD 482 - Project Management *(3)*

Consulting Concentration

Students wishing to complete a concentration in Consulting must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 431 - Strategic Analysis and Consulting *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 482 - Project Management *(3)*

Business Analytics with Supply Chain, Entrepreneurship Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Entrepreneurship Concentration

Students wishing to complete a concentration in Entrepreneurship must satisfy the requirements for the major, complete BUAD 443, and complete an additional nine credit hours as specified below.

Required Course (3 Credits):

- BUAD 443 - Entrepreneurial Ventures *(3)*

Additional Requirements (choose 6 credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*
- BUAD 451 - Customer Insights for Innovation *(3)* or
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 474 - Negotiation *(3)*

Business Analytics with Supply Chain, Finance Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*

- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Finance Concentration

Students wishing to complete a concentration in Finance must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Finance to be chosen from the following. These six credit hours must include BUAD 324, or BUAD 325, or both:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Business Analytics with Supply Chain, Innovation & Design Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Innovation and Design Concentration

Students wishing to complete a concentration in Innovation and Design must satisfy the requirements for the major, and complete an additional nine credit hours as specified below.

Students choose two courses of the following (6 Credits):

- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 457 - Creative Problem Solving *(3)*

Additional Requirements (Choose 3 Credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 443 - Entrepreneurial Ventures *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*

Business Analytics with Supply Chain, Management & Organizational Leadership Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*

- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Management and Organizational Leadership Concentration

Students wishing to complete a concentration in Management and Organizational Leadership must satisfy the requirements for the major and complete an additional six credit hours to be chosen from the following courses:

- BUAD 435 - Teams: Design, Selection, and Development *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 438 - Leadership *(3)*
- BUAD 442 - The Psychology of Decision Making *(3)*

Business Analytics with Supply Chain, Marketing Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Marketing Concentration

Students wishing to complete a concentration in Marketing must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Marketing to be chosen from the following:

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 446 - Consumer Behavior *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 452 - Marketing Research *(3)*

Business Analytics with Supply Chain, Sustainability Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*

- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Business Analytics with Supply Chain Major

The major in Business Analytics with Supply Chain requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Sustainability Concentration

Students wishing to complete a concentration in Sustainability must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Business Analytics, Minor

Required Credit Hours: 16

Core Requirements:

- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)* or
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*

Additional Requirements (choose 3 credits):

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Finance, Accounting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*

- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Accounting Concentration

Students wishing to complete a concentration in Accounting must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Accounting to be chosen from the following. These credits must include BUAD 301.

Required Course (3 Credits):

- BUAD 301 - Financial Reporting and Analysis *(3)*

Additional Requirement (choose 3 credits):

- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 401 - Advanced Accounting *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Finance, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Finance, Business Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Business Analytics Concentration

Students wishing to complete a concentration in Business Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

Required Course (3 credits):

- BUAD 466 - Developing Business Intelligence *(3)*

Additional Requirements (choose 3 credits):

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*

- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Finance, Consulting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Consulting Concentration

Students wishing to complete a concentration in Consulting must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 431 - Strategic Analysis and Consulting *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 482 - Project Management *(3)*

Finance, Entrepreneurship Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Entrepreneurship Concentration

Students wishing to complete a concentration in Entrepreneurship must satisfy the requirements for the major, complete BUAD 443, and complete an additional nine credit hours as specified below.

Required Course (3 Credits):

- BUAD 443 - Entrepreneurial Ventures *(3)*

Additional Requirements (choose 6 credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*
- BUAD 451 - Customer Insights for Innovation *(3)* or
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 474 - Negotiation *(3)*

Finance, Innovation & Design Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*

- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Innovation and Design Concentration

Students wishing to complete a concentration in Innovation and Design must satisfy the requirements for the major, and complete an additional nine credit hours as specified below.

Students choose two courses of the following (6 Credits):

- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 457 - Creative Problem Solving *(3)*

Additional Requirements (Choose 3 Credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 443 - Entrepreneurial Ventures *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*

Finance, Management and Organizational Leadership Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Concentration in Management and Organizational Leadership

Students wishing to major in Finance with a concentration in Management and Organizational Leadership must satisfy the requirements for the Finance major and complete an additional six credit hours to be chosen from the following courses:

- BUAD 435 - Teams: Design, Selection, and Development *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 438 - Leadership *(3)*
- BUAD 442 - The Psychology of Decision Making *(3)*

Finance, Marketing Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*

- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Marketing Concentration

Students wishing to complete a concentration in Marketing must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Marketing to be chosen from the following:

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 446 - Consumer Behavior *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 452 - Marketing Research *(3)*

Finance, Minor

Required Credit Hours: 18

Core Requirements:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements:

(choose 3 credits)

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Finance, Supply Chain Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Supply Chain Analytics Concentration

Students wishing to complete a concentration in Supply Chain Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Finance, Sustainability Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Finance Major

The major in Finance requires 12 credit hours in addition to the Core Program. The following nine credit hours must be part of the 12 credit hour requirement:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Additional Requirements

In addition, three credits must be chosen from the following:

- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*

Sustainability Concentration

Students wishing to complete a concentration in Sustainability must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Management and Organizational Leadership, Minor

Required Credit Hours: 18

Core Requirement:

- BUAD 317 - Organizational Behavior and Management *(3)*

Additional Requirements:

(choose 3 courses)

- BUAD 435 - Teams: Design, Selection, and Development *(3)*
- BUAD 436 - Business and Society *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 438 - Leadership *(3)*
- BUAD 442 - The Psychology of Decision Making *(3)*

Electives:

In addition, six elective credits chosen from: BUAD 150 (Freshman Seminar), BUAD 203 (Principles of Accounting), and business courses numbered 300 and above.

Marketing, Accounting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*

- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Accounting Concentration

Students wishing to complete a concentration in Accounting must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Accounting to be chosen from the following. These credits must include BUAD 301.

Required Course (3 Credits):

- BUAD 301 - Financial Reporting and Analysis *(3)*

Additional Requirement (choose 3 credits):

- BUAD 302 - Advanced Financial Reporting and Analysis *(3)*
- BUAD 303 - Strategic Cost Management *(3)*
- BUAD 401 - Advanced Accounting *(3)*
- BUAD 404 - Auditing and Internal Controls *(3)*
- BUAD 405 - Federal Taxation *(3)*

Marketing, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*

- BUAD 456 - Advertising and Digital Marketing *(3)*

Marketing, Business Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*

- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Business Analytics Concentration

Students wishing to complete a concentration in Business Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

Required Course (3 credits):

- BUAD 466 - Developing Business Intelligence *(3)*

Additional Requirements (choose 3 credits):

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Marketing, Consulting Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Consulting Concentration

Students wishing to complete a concentration in Consulting must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 431 - Strategic Analysis and Consulting *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 466 - Developing Business Intelligence *(3)*
- BUAD 482 - Project Management *(3)*

Marketing, Entrepreneurship Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*

- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Entrepreneurship Concentration

Students wishing to complete a concentration in Entrepreneurship must satisfy the requirements for the major, complete BUAD 443, and complete an additional nine credit hours as specified below.

Required Course (3 Credits):

- BUAD 443 - Entrepreneurial Ventures *(3)*

Additional Requirements (choose 6 credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*

- BUAD 451 - Customer Insights for Innovation *(3)* or
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 474 - Negotiation *(3)*

Marketing, Finance Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Finance Concentration

Students wishing to complete a concentration in Finance must satisfy the requirements for the major and complete an additional six credit hours in advanced-level Finance to be chosen from the following. These six credit hours must include BUAD 324, or BUAD 325, or both:

- BUAD 324 - Money and Debt Markets *(3)*
- BUAD 325 - Equity Markets and Portfolio Management *(3)*
- BUAD 417 - International Finance *(3)*
- BUAD 419 - Valuation *(3)*
- BUAD 420 - Financial History *(3)*
- BUAD 421 - Student Managed Investment Fund *(3)*
- BUAD 422 - Applied Financial Concepts *(3)*
- BUAD 423 - Corporate Financial Strategy *(3)*

Marketing, Innovation & Design Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Innovation and Design Concentration

Students wishing to complete a concentration in Innovation and Design must satisfy the requirements for the major, and complete an additional nine credit hours as specified below.

Students choose two courses of the following (6 Credits):

- BUAD 451 - Customer Insights for Innovation *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 457 - Creative Problem Solving *(3)*

Additional Requirements (Choose 3 Credits):

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 443 - Entrepreneurial Ventures *(3)*
- BUAD 444 - Entrepreneurship Consulting *(2)* and
- BUAD 445 - Entrepreneurship Consulting *(2)*

Marketing, Management and Organizational Leadership Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Concentration in Management and Organizational Leadership

Students wishing to major in Marketing with a concentration in Management and Organizational Leadership must satisfy the requirements for the Marketing major and complete an additional six credit hours to be chosen from the following courses:

- BUAD 435 - Teams: Design, Selection, and Development *(3)*
- BUAD 437 - Change Management and Organizational Transformation *(3)*
- BUAD 438 - Leadership *(3)*
- BUAD 442 - The Psychology of Decision Making *(3)* **

  ***Students may not count BUAD 442 towards both the Marketing major and Management and Organizational Leadership concentration.*

Marketing, Minor

Required Credit Hours: 18

Core Requirements

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Marketing, Supply Chain Analytics Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*

- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Supply Chain Analytics Concentration

Students wishing to complete a concentration in Supply Chain Analytics must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Marketing, Sustainability Concentration, BBA

Degree Requirements for the Majors Program:

Degree candidates must be students in good academic standing who have satisfied all general education and proficiency requirements; earned at least 60 semester credits in Arts and Sciences academic subjects; satisfied all core and major requirements of the Mason School of Business; and earned at least 120 semester hours of academic credits.

The Undergraduate Business Core Program common to all majors is as follows:

Business Core:

- BUAD 203 - Principles of Accounting *(3)*
- BUAD 300 - Business Perspectives and Applications *(1)*
- BUAD 311 - Principles of Marketing *(3)*
- BUAD 317 - Organizational Behavior and Management *(3)*
- BUAD 323 - Financial Management *(3)*
- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 343 - Legal Environment of Business *(2)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 414 - Global Strategic Management *(3)*

Major Computing Requirement:

All students are required to complete BUAD 330 and use computer-based approaches within the curricula of the Mason School of Business. Students are required to submit papers and write-ups using current software applications. Students also are required to use spreadsheets in preparing analyses, and presentation software in preparing presentations. It is required that students acquire a laptop computer and appropriate software. Computer labs are also available on campus.

Marketing Major

The major in Marketing requires 12 credit hours in addition to the Core Program. The following three credit hours must be part of the 12 credit hour requirement:

- BUAD 452 - Marketing Research *(3)*

Additional Requirements

Nine credits must be chosen from the following:

- BUAD 446 - Consumer Behavior *(3)*
- BUAD 448 - Marketing Strategy *(3)*
- BUAD 451 - Customer Insights for Innovation *(3)*
- Marketing Elective *(3)* - See list below

Marketing Electives

- BUAD 442 - The Psychology of Decision Making *(3)*
- BUAD 447 - Customer Experience Management *(3)*
- BUAD 450 - Global Marketing *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 456 - Advertising and Digital Marketing *(3)*

Sustainability Concentration

Students wishing to complete a concentration in Sustainability must satisfy the requirements for the major, and complete an additional six credit hours as specified below.

- BUAD 441 - Social Entrepreneurship *(3)*
- BUAD 453 - Sustainability Inspired Innovation and Design *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Supply Chain Analytics, Minor

Required Credit Hours: 16

Core Requirements:

- BUAD 330 - Computer Skills for Business *(1)*
- BUAD 350 - Introduction to Business Analytics *(3)*
- BUAD 351 - Operations Management *(1.5)*
- BUAD 352 - Decision-making through Visualization and Simulation *(1.5)*
- BUAD 461 - Lean Six Sigma Toolkit *(3)*
- BUAD 464 - Sustainability/Green Supply Chain *(3)*
- BUAD 465 - Managing Supply Chains in a Digital Economy *(3)*

Additional Requirements (choose 3 credits):

- BUAD 460 - Big Data Analytics *(3)*
- BUAD 462 - Healthcare Informatics *(3)*
- BUAD 467 - Applied Predictive Analytics *(3)*
- BUAD 469 - Advanced Modeling Techniques *(3)*
- BUAD 474 - Negotiation *(3)*
- BUAD 482 - Project Management *(3)*

Course Descriptions

BUAD 203 - Principles of Accounting

Fall and Spring (3) Dafashy, Smith, Stevens, Stump
A study of the use and preparation of financial information and the accounting system as an interpretative tool to communicate information about a variety of economic events to both internal and external users. Topics covered include the preparation and interpretation of financial statements for external users as well as managerial uses of accounting data, cost analysis, budgeting and performance evaluation. (Required for admission to Business Majors Program.)

BUAD 231 - Statistics

Fall and Spring (3) Boone, Wilck
Basic concepts of statistical analysis within a business environment. Attention is given to solution methods via use of the computer.

BUAD 300 - Business Perspectives and Applications

Fall and Spring (1) Staff Prerequisite(s): Admission to Business Majors Program
This course complements the core courses in the BBA Program by integrating business disciplines, ethical considerations, and business communications. The course includes business simulations, team interaction, and presentation skills. The course is graded pass/fail and is completed the first semester as a Business Major

BUAD 301 - Financial Reporting and Analysis

Fall and Spring (3) Njoroge, White Prerequisite(s): BUAD 203 or the equivalent
This course focuses on the financial reporting environment: evaluating the quality of the reported information, analyzing reporting choices, and assessing the role of financial information in resource allocation decisions. Topics traditionally included in intermediate accounting are covered by analyzing key business transactions on the financial statements and measures of performance evaluations such as profitability, competitiveness, and leverage. This course is designed to be taken as either a one-semester course or as part of a two-semester sequence with BUAD 302.

BUAD 302 - Advanced Financial Reporting and Analysis

Spring (3) Shane Prerequisite(s): BUAD 301 or consent of the instructor
This course focuses on an advanced study of topics in financial reporting that are traditionally considered in intermediate accounting. Reporting issues related to topics such as pensions, stock options, and deferred taxes are considered with reference to original source materials and accounting research.

BUAD 303 - Strategic Cost Management

Fall or Spring (3) Woods Prerequisite(s): BUAD 203 or the equivalent
Applications of cost analysis to inventory valuation and income determination and planning and control of routine operations and non-routine decisions. This course emphasizes the relevance of cost concepts to modern decision tools. Substantial use of problems and cases.

BUAD 311 - Principles of Marketing

Fall and Spring (3) Kourmadas, Rahtz Prerequisite(s): ECON 101 and ECON 102, or consent of the instructor.
A study of the role of marketing in business and the economy. Emphasis is on the examination of functions, institutions and policies.

BUAD 317 - Organizational Behavior and Management

Fall and Spring (3) Long, Staff
This course develops the ability to recognize and manage human and behavioral factors in work settings. Topics include: individual differences, group dynamics, motivation, and an introduction to organizational structure and leadership.

BUAD 323 - Financial Management

Fall and Spring (3) Guthrie, Rosenfeld Prerequisite(s): BUAD 203 and BUAD 231 or equivalents
An examination of the finance function in the firm. Topics include the theory and practice of valuation, current and long term financing, working capital management, capital budgeting and multinational finance.

BUAD 324 - Money and Debt Markets

Fall and Spring (3) Agnew Prerequisite(s): BUAD 323
An examination of the operation and importance of global money and debt markets including market characteristics, regulation, international differences, international interest and exchange rate behavior, bond analysis and valuation, and risk management with interest rate and currency options and futures.

BUAD 325 - Equity Markets and Portfolio Management

Fall and Spring (3) Atanasov, Haltiner Prerequisite(s): BUAD 323
An examination of the operation and importance of global equity markets including market characteristics, regulation, international differences, investor behavior, portfolio theory and capital asset pricing, asset allocation, security analysis, mutual funds, performance measurement, and equity options and futures.

BUAD 330 - Computer Skills for Business

Fall and Spring (1) McCoy Corequisite(s): BUAD 350
This course is designed to complement functional courses in the Business Core Program by providing instruction in the use of application software. Typically the course will cover presentation software, spreadsheets, and database application. Graded pass/fail.

BUAD 342 - Commercial Law and Business Organizations

Fall or Spring (3) Staff
A study of the law of business organizations, their activities and management. Substantive areas of law covered include: partnerships, corporations; securities, mergers and acquisitions; commercial paper and secured transactions; real and personal property; bailments, antitrust law and creditors' rights.

BUAD 343 - Legal Environment of Business

Fall and Spring (2) Stauffer
An introduction to the law and the legal process. Substantive areas of law covered include: contracts, sales of goods and product liability; business torts and environmental law; bankruptcy and international law.

BUAD 350 - Introduction to Business Analytics

Fall and Spring (3) Blossom Prerequisite(s): BUAD 231 or the equivalent. *Corequisite(s):* BUAD 330
The objective of this course is to provide students with an introduction to the concepts of business analytics, operations management and information systems. During this course, students will develop skills in analyzing business situations, developing visualization and decision models designed to effectively analyze and communicate, and to identify expected risks and benefits associated with decisions based on the models developed. Note: Statistics equivalent defined as BUAD 231, ECON 307, KINE 394, MATH 106, MATH 351, PSYC 301, or SOCL 353.

BUAD 351 - Operations Management

Fall and Spring (1.5) Johnson-Hall Prerequisite(s): BUAD 350
This course focuses on operations knowledge essential to successful management. Topics include demand forecasting, process analysis, minimizing the effects of uncertainty in supply and demand, operational decision-making and other operations topics of current interest.

BUAD 352 - Decision-making through Visualization and Simulation

Fall and Spring (1.5) Murray Prerequisite(s): BUAD 350
The objective of this course is to provide students with advanced skills in the most common business analytics tools of the modern workplace - namely Excel and its companion programming language called Visual Basic for Applications (VBA). During this course, students will develop visualization and decision models designed to effectively communicate the meaning of complex data sets, and to identify the expected risks and returns associated with decisions about uncertain future events through the application of probability concepts and Monte Carlo simulation methods.

BUAD 380 - Principles of Accounting - MAcc Prep

Summer 3 Staff
An intensive and accelerated study of the use and preparation of financial information and the accounting system as an interpretative tool to communicate information about a variety of economic events to both internal and external users. Topics covered include the preparation and interpretation of financial statements for external users as well as managerial uses of accounting data, cost analysis, budgeting and performance evaluation. This course is open only to students accepted into the Master of Accounting Program.

BUAD 381 - Intermediate Financial Accounting I - MAcc Prep

Summer 3 Staff
An intensive and accelerated study of the financial reporting environment: evaluating the quality of the reported information, analyzing reporting choices, and assessing the role of financial information in resource allocation decisions. Topics traditionally included in intermediate accounting are covered by analyzing key business transactions on the financial statements and measures of performance evaluations such as profitability, competitiveness, and leverage. This course is open only to students accepted into the Master of Accounting Program.

BUAD 382 - Intermediate Financial Accounting II - MAcc Prep

Summer 3 Staff
An advanced and accelerated study of topics in financial reporting that are traditionally considered in intermediate accounting. Reporting issues related to topics such as pensions, stock options, and deferred taxes are considered with reference to original source materials and accounting research. This course is open only to students accepted into the Master of Accounting Program.

BUAD 383 - Intermediate Cost Accounting - MAcc Prep

Summer 3 Staff
An intensive and accelerated study of cost and managerial accounting topics that provides students with a thorough understanding of the tools necessary to understand and analyze internal data on costs and profitability, with an appreciation of the broader context in which accounting information is produced and utilized. The course studies cost behavior, cost accounting

methods, cost allocations, cost and profitability analysis, and budgeting. This course is open only to students accepted into the Master of Accounting Program.

BUAD 384 - Audit & Internal Controls - MAcc Prep

Summer 3 Staff
An intensive and accelerated study of auditing and internal controls: Application of technology, modeling, statistics and other auditing procedures within the framework of generally accepted auditing standards. Reporting, ethics, international practices and case applications are emphasized. This course is open only to students accepted into the Master of Accounting Program.

BUAD 385 - Federal Taxation - MAcc Prep

Summer 3 Staff
An intensive and accelerated study of the U.S. federal income tax system. Emphasis is placed on awareness of federal income tax concepts and laws, identification of tax issues, tax planning techniques, and communication of creative solutions to tax problems. This course is open only to students accepted into the Master of Accounting Program.

BUAD 401 - Advanced Accounting

Fall or Spring (3) Jones Prerequisite(s): BUAD 301 or consent of the instructor
A study of consolidated statements, partnership accounting for special arrangements, fiduciary accounting and fund accounting.

BUAD 404 - Auditing and Internal Controls

Fall or Spring (3) Diaz Prerequisite(s): BUAD 301 or consent of the instructor
Application of technology, modeling, statistics and other auditing procedures within the framework of generally accepted auditing standards. Reporting, ethics, international practices and case applications are emphasized.

BUAD 405 - Federal Taxation

Fall (3) Howard Prerequisite(s): BUAD 203
An analysis of the federal income tax laws. Development of conceptual awareness of federal income tax structure and tax planning, and gaining ability to determine solutions to problems confronting the individual and business taxpayer.

BUAD 406 - Advanced Federal Taxation

Fall or Spring (3) Stephens Prerequisite(s): BUAD 405
An analysis of the federal income tax laws for partnerships, corporations and tax-exempt entities.

BUAD 408 - Tax Compliance, Tax Research, and Tax Planning

Fall (3) Bertolini Prerequisite(s): Senior Accounting major or minor; BUAD 405 or to be enrolled concurrently
This course provides for the development of the ability of the students to perform sophisticated tax research and analysis as the foundation for tax compliance and for minimizing the tax liability through tax planning for the following tax entities: individual, sole proprietorship, general partnership, limited partnership, LLC, S corporation, C corporation, and exempt entities.

BUAD 410 - International Business Management

Fall or Spring (3) Swan Prerequisite(s): BUAD 203, BUAD 311, and BUAD 350; or consent of instructor
A study of the fundamental principles and basic concepts applicable to managing in the international business environment. This course covers the nature of international markets, global trade, investment and financial exchange, and the operations of international business functions, with a strong emphasis on the strategy and structure of international business.

BUAD 412 - Global Business Analysis

Fall or Spring (1.5 or 3) Staff Prerequisite(s): Consent of instructor.
This course focuses on the analysis of the business environment, culture, and peoples of a global region. Students will be exposed to a wide variety of intelligence gathering methods to aid them in analyzing information related to the designated region. International business trends, developments, national economic and cultural differences will be examined. This course may be repeated one time.

BUAD 413 - Global Business Immersion

Fall or Spring (1-3) Staff Prerequisite(s): BUAD 412 or consent of instructor. This course may be repeated one time
This course encompasses an on-site immersion experience in a designated global region. During the on-site portion of the course particular emphasis will be placed on maximizing the immersion experience with a variety of activities such as: visiting businesses and governmental agencies, meetings and seminars with academic organizations, study tours to important cultural sites, and other opportunities for experiential learning.

BUAD 414 - Global Strategic Management

Fall and Spring (3) Williams Prerequisite(s): BUAD 311, BUAD 323, BUAD 350 and Senior Standing.
This course will expose students to global issues that influence the competitive behavior and performance of firms. Students will build skills for conducting strategic analysis in a variety of industry and competitive situations in the global economy. By the end of the course, students will be able to apply a general manager's strategic perspective to the resolution of major business problems, with the goal of improving organizational performance.

BUAD 417 - International Finance

Fall or Spring (3) Boschen Prerequisite(s): ECON 101, ECON 102, or the equivalents
A study of the foreign exchange markets, the relation between Interest rates and exchange rates, and the current international monetary system. Specific course topics include borrowing and lending opportunities in international financial markets, international trade finance, the management of risks associated with exchange rate fluctuations, the analysis of currency crises, and the assessment of sovereign risk.

BUAD 419 - Valuation

Fall or Spring (3) Cici Prerequisite(s): BUAD 323
A study of enterprise valuation both from an academic and industry perspective. Topics include an analysis and application of multiple valuation approaches and an exploration of differences in valuation approaches for public, private, and distressed firms. The goal is to develop insight into how financial managers can create value for their shareholders, understand other value drivers, and learn how to incorporate them in the enterprise valuation process.

BUAD 420 - Financial History

Fall or Spring (3) Staff
A study of the evolution of financing arrangements, financial risk, current institutions, government policies, and the forces driving booms, busts, and financial panics. The course begins with an eclectic survey of the financial record, highlighting relevant financial theory as well as history. The final part of the course highlights the role of history in helping to shape current debate on the appropriate policy responses to macro-financial problems.

BUAD 421 - Student Managed Investment Fund

Fall and Spring (3) Haltiner Prerequisite(s): BUAD 323 and instructor permission.
The purpose of this course is to provide portfolio management and security analysis experience through the management of the Mason School Student Managed Investment Fund (SMIF). Students select companies from an S&P stock universe, do research on their business model and competitive environment, make forecasts of future financial performance and perform valuation analyses, write an investment report and present orally a recommendation to their colleagues and faculty for inclusion in a real endowment portfolio of common stocks. This course may be repeated one time.

BUAD 422 - Applied Financial Concepts

Spring (3) Staff Prerequisite(s): BUAD 323 and consent of the instructor.
The goal of this course is to expose the student to practices and developments within several specialized areas of the financial services sector through the case method of instruction. Key objectives are to develop the student's problem solving ability and oral and written communication skills through the quantitative and qualitative analysis of actual business situations. Active student participation in case discussion and analysis is required. This course is offered through the Distinguish program, and requires an application.

BUAD 423 - Corporate Financial Strategy

Fall or Spring (3) Bryce Prerequisite(s): BUAD 323
Advanced topics in the theory and practice of financial decision-making. Cases and readings are used to examine the tools and techniques of financial strategy formulation and implementation under various environmental settings.

BUAD 426 - Fundamentals of Hedge Fund Management

Spring (1) Staff. Prerequisite(s): BUAD 323 and consent of the instructor.
This course is designed to give students a broad overview of the hedge fund industry and what is needed to launch a hedge fund and hedge fund manager by providing an overview of hedge fund structures, primary internal and external parties, and key regulatory, legal, and ethical considerations. This course is offered through the Distinguish program, and requires an application. Graded Pass/Fail.

BUAD 431 - Strategic Analysis and Consulting

Fall or Spring (3) McCoy Prerequisite(s): Junior standing. Students may not be concurrently enrolled in BUAD 431 and BUAD 300.
The course will focus on the process of analysis and consulting. Students will engage with a variety of tools for data collection, information gathering, interviewing, and the evaluation of hard and soft data sources. Students will develop an appreciation for the multiple moving parts in a consulting assignment through a case competition and an engagement for a specific organization.

BUAD 435 - Teams: Design, Selection, and Development

Fall or Spring (3) Staff Prerequisite(s): BUAD 317 or equivalent
This course is designed to develop the knowledge and skills to enable students to improve the performance of most teams. Working in teams has become the norm in most organizations, yet most people have many misconceptions about what makes groups effective. Groups can be exhilarating or maddening. This course will cover work in a variety of teams including: project teams, self-directed teams, research teams, consulting teams, and multinational teams. Topics include: team design, principles of selection, team performance management and rewards, managing transnational teams, and team facilitation.

BUAD 436 - Business and Society

Fall or Spring (3) Staff Prerequisite(s): Junior standing
This course explores the complex relationship between business and the wider social context in which it operates and the challenges leaders face in balancing their economic, ethical, legal, and citizenship responsibilities to their various stakeholders. In this era of 'globalization' corporations may be as large as nations in terms of economic and social impact. Topics Include: corporate social responsibility, and citizenship, ecological and natural resource concerns, business-government relations, technological change, public relations, and corporate governance.

BUAD 437 - Change Management and Organizational Transformation

Fall and Spring (3) Sims Prereq/Corequisite(s): BUAD 317 or consent of the instructor
The course will focus on effective process design, change management, and transforming the organization through changes in process, people, and technology. Topics will include stakeholder analysis, goal/strategy alignment, generating buy-in, effectively informating processes, performance measurement and incentives.

BUAD 438 - Leadership

Fall or Spring (3) Wilson Prerequisite(s): BUAD 317. Senior standing
This field-based course is designed to develop the ability to work with and through others in order to make effective contributions as a member of an organization. The course emphasizes developing a leadership orientation, understanding critical leadership issues and developing appropriate leadership skills.

BUAD 441 - Social Entrepreneurship

Fall or Spring (3) Staff Prerequisite(s): Junior or Senior standing.
Social Entrepreneurs create innovative and sustainable solutions to critical social and environmental challenges, using strategies from business. This course integrates the concepts of social responsibility, sustainable business, nonprofit and for-profit management, and consulting practice by applying these frameworks to specific issues in domestic and international contexts.

BUAD 442 - The Psychology of Decision Making

Fall or Spring (3) Staff Prerequisite(s): BUAD 231 or the equivalent and senior standing *(GER 3)*
An examination and analysis of the cognitive factors that aid or hinder choosing alternative courses of action. The major emphasis will be on psychological processes underlying choice and judgment. Applications to business decisions and policy making will be considered. (Cross listed with PSYC 442)

BUAD 443 - Entrepreneurial Ventures

Fall or Spring (3) Henshaw, Monark Prerequisite(s): BUAD 311, BUAD 323, BUAD 350; or consent of the instructor
Entrepreneurial Ventures focuses on the issues, decisions, and problems faced by entrepreneurial owners and innovators who wish to create and manage new or smaller enterprises, family businesses, technology based enterprises or franchises. Students will develop the knowledge and skill sets relevant for the creation, operation and ultimate success of the venture based on enterprise.

BUAD 444 - Entrepreneurship Consulting

Fall (2) Henshaw, Monark
Students will work with real business organizations as consultants under the guidance of the Entrepreneurship Center. This opportunity will involve students in many phases of problem solving and organizational development in launching entrepreneurial ventures. Students will work in teams to address challenges requiring independent analysis and interdisciplinary

thinking, while also developing analytical thinking, interpersonal, and communication skills. The course will involve field work and independent research on project (s) that extend across the fall and spring semesters, so students must enroll in both semesters.

BUAD 445 - Entrepreneurship Consulting

Fall and Spring (2) Henshaw, Monark Prerequisite(s): Junior or Senior standing.
Students will work with real business organizations as consultants under the guidance of the Entrepreneurship Center. This opportunity will involve students in many phases of problem solving and organizational development in launching entrepreneurial ventures. Students will work in teams to address challenges requiring independent analysis and interdisciplinary thinking, while also developing analytical thinking, interpersonal, and communication skills. The course will involve field work and independent research on project(s) that extend across the fall and spring semesters; students must enroll in both semesters.

BUAD 446 - Consumer Behavior

Fall or Spring (3) Szykman Prerequisite(s): BUAD 311
The consumer-firm relationship is analyzed through the application of concepts drawn from contemporary behavioral science to concrete business cases and practices. Relevant concepts from the fields of cultural anthropology, sociology and psychology are applied to problems encountered in marketing to various consumer groups.

BUAD 447 - Customer Experience Management

Fall or Spring (3) Hess Prerequisite(s): BUAD 311
To be competitive in today's marketplace, service organizations must provide a quality experience for their customers. Customer experience management (CEM) is the process of strategically managing a customer's entire experience with a company. Specifically, this course identifies the key dimensions on which customer perceptions of service excellence are based, and describes strategies for offering superior customer service. Students will gain a better understanding of how customers evaluate service firms; they will also have a "tool kit" of ideas, measures and techniques to help improve service excellence.

BUAD 448 - Marketing Strategy

Fall or Spring (3) Edmiston Prerequisite(s): BUAD 311 or consent of the instructor
Managerial techniques in planning and executing marketing programs. Emphasis on decision making related to marketing segmentation, product innovation and positioning, pricing and promotion. Extensive use of cases, readings and a management simulation.

BUAD 450 - Global Marketing

Fall or Spring (3) Staff Prerequisite(s): BUAD 311
This course includes theories of and justifications for free trade, a study of environments across international markets (including the economic environments, the cultural environments, the political/ regulatory environments, and the physical/geographic environments) and the practice of marketing including global marketing management for large, small and medium sized firms. Topics include globalization, global strategies, international service marketing and marketing in the developing world.

BUAD 451 - Customer Insights for Innovation

Fall or Spring (3) Luchs Prerequisite(s): BUAD 311 or consent of the instructor.
Many business opportunities and decisions depend on an understanding of customers' values, needs, aspirations and behaviors. These unique insights inform the development of products, services, and brands that are valued by customers and differentiated from competition. This course will be an immersive and experiential introduction to customer insights research, including fieldwork using a variety of qualitative research methods. In addition, these methods will be applied within the context of generating concepts for new products and services that address the insights identified.

BUAD 452 - Marketing Research

Fall or Spring (3) Rahtz Prerequisite(s): BUAD 311 and an introductory course in statistics; or consent of instructor
Introduction to fundamentals of marketing research. Use of research information in marketing decision making. Topics include research design, interrogative techniques, data collection methods, scaling, sampling and alternative methods of data analysis. Students design and execute their own research projects.

BUAD 453 - Sustainability Inspired Innovation and Design

Fall or Spring (3) Luchs Prerequisite(s): BUAD 311
Many companies are embracing sustainability as the inspiration and impetus for the next wave of product and service innovation. In this course, we will explore the reasons behind this growing interest in sustainability, what sustainability means to consumers, and the opportunities it presents to companies that want to "do well while doing good". This course will also emphasize the process and outcome of product and service innovation, from creative idea generation to concept evaluation.

Specifically, students will gain significant hands-on experience with the tools and techniques of "Design Thinking" in a studio setting, with a focus on developing innovative ideas that promote the principles of sustainability.

BUAD 456 - Advertising and Digital Marketing

Fall or Spring (3) Edmiston Prerequisite(s): BUAD 311
A study of how to use advertising and marketing communications, with special emphasis on digital media, to build and sustain relationships with consumers. Development of an integrated marketing communication campaign will emphasize the presentation of products to consumers through relevant media to include digital channels. Target market identification, situation analysis, promotional strategy and tactics, and evaluation within budgetary constraints will be stressed.

BUAD 457 - Creative Problem Solving

Fall or Spring (3) Olver
A study of the processes of creativity and innovation in complex problem-solving, informed by both business and inter-disciplinary approaches. Throughout the course, students engage in a mix of experiential, experimental, and reflective exercises designed to promote integrative and creative problem-solving, with an emphasis on the techniques, frameworks and mindsets that drive innovation in organizations.

BUAD 460 - Big Data Analytics

Fall or Spring (3) Murray Prerequisite(s): BUAD 231 or the equivalent, or consent of the instructor.
This course is designed to equip students with the kinds of analytical skills used in the era of Big Data to reveal the hidden patterns in, and relationships among, data elements being created by internal transaction systems, social media and the Internet of Things. Students will use the open source programming language R for the development of Data Mining (and other statistically-based) analytical solutions. No prior experience with programming is required. Note: Statistics equivalents defined as BUAD 231, ECON 307, KINE 394, MATH 106, MATH 31, PSYC 301, or SOCL 353.

BUAD 461 - Lean Six Sigma Toolkit

Fall or Spring (3) Blossom. Prereq/Corequisite(s): BUAD 350; or consent of the instructor
This course focuses on developing lean processes within a variety of operating environments. Tools and strategies leading to improved process management are included. The course also focuses on Six Sigma approaches to process quality and includes emphasis on tools and procedures for implementing Six Sigma strategies within organizations. Note: This course combines the existing BUAD 459 and BUAD 461 courses into a single course. Students who took BUAD 459 under a previous catalog may not take the new 3 credit BUAD 461 version.

BUAD 462 - Healthcare Informatics

Fall or Spring (3) Kohli
Successful management of health delivery requires a scientific, information-driven approach. This course explores the use of information and information-based technologies to address challenges in rising costs, quality of health outcomes, and timely access to those who need healthcare. Through hands-on analysis of industry data students will diagnose issues, identify alternatives and develop a plan to deliver value-based healthcare. Topics include a comparative analysis of healthcare in other nations, digitization of health processes, health informatics exchange, accountable care organizations, and business model innovations in health sector. Students will learn about regulatory reforms in US health sector and various career opportunities in health sector.

BUAD 464 - Sustainability/Green Supply Chain

Fall or Spring (3) Staff. Prerequisite(s): BUAD 350 or consent of the instructor.
This course focuses on the development of sustainable supply chains. Students will explore leading-edge initiatives by forward-thinking companies to (re)design and market products, source, manufacture, and eventually distribute them in an environmentally-, ecologically-, and socially- responsible way. Note: Formerly BUAD 480.

BUAD 465 - Managing Supply Chains in a Digital Economy

Fall or Spring (3) Ganeshan Prerequisite(s): BUAD 350
Over the last five years, technology, specifically the WEB, has revolutionized the way firms do business with each other. The usual stumbling blocks of poor information availability: incompatible organizational structures and information systems, and the high cost of collaboration are being "blown to bits" by tailored supply chain initiatives and web-centric software. This course will explore these initiatives and tools that firms are using to manage supply chains and B2B integration.

BUAD 466 - Developing Business Intelligence

Fall or Spring (3) Abraham Prerequisite(s): BUAD 350; or consent of the instructor
The course focuses on the collection, representation and analysis of evidence in support of decision making and process improvement. The course will examine hard and soft measures, criteria for evaluation, and performance measurement.

BUAD 467 - Applied Predictive Analytics

Fall or Spring (3) Johnson-Hall Prerequisite(s): BUAD 231 or the equivalent, and BUAD 330.
This course focuses on solving business problems with data using predictive techniques, particularly in situations where the problem statement is ambiguous. The course covers five integral elements of analysis including: 1) general problem framing, 2) framing analytics problems, 3) managing, evaluating and cleaning data, 4) methodology selection and 5) model building/reporting. This approach enables students to experience a predictive business analytics problem from start to finish with a particular emphasis on providing, receiving and implementing feedback for improvement. Note: Statistics equivalent defined as BUAD 231, ECON 307, KINE 394, MATH 106, MATH 351, PSYC 301, or SOCL 353.

BUAD 469 - Advanced Modeling Techniques

Fall or Spring (3) Murray. Prerequisite(s): BUAD 231 or the equivalent, and BUAD 352, or consent of the instructor.
This course is designed to provide students with the skills necessary to develop advanced decision models using a variety of programming and database tools. These models apply concepts from probability theory and statistical inference across a broad range of business disciplines. Particular emphasis is placed on the development of Monte Carlo simulation models. Note: Statistics equivalent defined as BUAD 231, ECON 307, KINE 394, MATH 106, MATH 351, PSYC 301, or SOCL 353.

BUAD 474 - Negotiation

Fall or Spring (3) Stewart
This course introduces students to the art and science of negotiation through the study of well-documented historical negotiations, personal experience with live negotiation exercises, and the study of game theory. Students will focus on understanding the games that underlie most negotiations and developing the analytical tools and techniques required in negotiation.

BUAD 482 - Project Management

Fall or Spring (3) Holmlin
This course will focus on the concepts and tools related to the management of projects within organizations. Students will examine all phases of project management including selection, planning, scheduling, control, and termination. Topics include writing project plans, developing work breakdown structures, project scheduling, resource management, earned value analysis, and project risk management.

BUAD 490 - Independent Study

Fall and Spring (1-3) Staff Prerequisite(s): Submit approval form to the Undergraduate Business Program in the Mason School of Business.
A course designed to accommodate independent study. This course may be repeated for credit.

BUAD 492 - Special Topics

Fall and Spring (0-3) Staff. Prerequisite(s): Consent of the instructor.
A course designed for special topics and for special opportunities to utilize the expertise of a faculty member. This course may be repeated for credit.

Chemistry [Back to Table of Contents]

Faculty

Professor

Abelt (Chair)

Professors

Bebout, Harbron, Hinkle (on leave 2016-2017)**, Landino**, **Pike,** and **Poutsma**

Associate Professors

Coleman, Scheerer and **Wustholz** (on leave 2016-2017)

Assistant Professors

Kidwell, McNamara, Meldrum (on leave Fall 2016) and **Young**

Visiting Assistant Professor

Lashley

Lecturer

Walk

Professor Emeriti

DeFotis, Djordievic, Kiefer, Knudson, Kranbuehl, Orwoll, Rice, Starnes, and **Thompson.**

The Chemistry Program

Students majoring in chemistry are afforded a variety of options upon graduation. Many go to graduate school in chemistry, biochemistry, engineering, materials science, medical school, dental school, law, or business. Others go directly into professional chemistry as employees of private industry, governmental agencies, or educational institutions. Departmental alumni/ae are university professors, research scientists, medical doctors, lawyers, dentists, executives, directors of research, secondary school teachers, and administrators.

Most majors engage in research projects for credit in association with a member of the department faculty. Normally this is begun during the second semester of the junior year and continued through the senior year. Opportunities exist for many students to work on projects prior to their junior year and/or over the summer through our paid summer research fellowships.

In addition to the chemistry minor, there is also a biochemistry minor which can be found here.

GER and COLL Courses and Advanced Placement Options

CHEM 101 or CHEM 103 may be used to fulfill the GER 2A requirement. CHEM 101 has been designed for non-science majors and fulfills the COLL 200 requirements. CHEM 103 is for students majoring in a science and for students intending a career in medicine or a related field. CHEM 101L is the laboratory course associated with CHEM 101 and CHEM 103L is the laboratory course associated with CHEM 103. Either may be used to fulfill the GER 2A laboratory requirement.

Students entering with AP 5 or IB 6 or 7 credit for General Chemistry and planning to major in chemistry are encouraged to take CHEM 335. Students entering with AP or IB credit for only CHEM 103/CHEM 103L and electing to take CHEM 335 may use this course to satisfy the General Chemistry II requirements (CHEM 305 or CHEM 308); however the Chemistry Laboratory II (CHEM 354 or CHEM 356) must still be taken.

If a student with an AP score of 5 or an IB score of 6 or 7 elects not to take Chemistry 308, 305 or 335, the chemistry elective credits (Chemistry 3xx) will count as 3 credits for the major or the minor and will count as taking Chemistry 308 for all other programs. If a student takes Chemistry 305 or 335, the chemistry elective credits will count towards general graduation requirements.

Programs

Chemistry, BS

Required Credit Hours: 37

(including 28 core credit hours)

Major Computing Requirement:

Satisfied by successfully completing required word processing, data and graphical analysis, molecular drawing and modeling, and literature database searching assignments made throughout the core curriculum of the Chemistry major.

Major Writing Requirement:

Consists of writing two papers (each at least 2,000 words) during the junior and senior years. The first paper is written in CHEM 320, Introduction to Chemical Research, normally during the junior year and requires a grade of C or better; the second is normally completed through CHEM 409W or CHEM 496 for seniors enrolled for research credit but can be written as part of any 400-level Chemistry course with a "W" designation in which the student is concurrently enrolled.

Core Requirements:

28 semester credits of core chemistry courses. These core courses are presented here in a typical schedule of a student intending a major in chemistry.

Year 1

Fall

- CHEM 103 - General Chemistry I *(3)*
- CHEM 103L - General Chemistry Laboratory I *(1)*

  or

- CHEM 335 - Freshman Honors Chemistry *(3)* (Satisfies General Chemistry II Requirements {308 or 305})

Spring

- CHEM 206 - Organic Chemistry I *(3)*
- CHEM 206L - Organic Chemistry Laboratory I *(1)*

Year 2

Fall

- CHEM 209 - Organic Chemistry II *(3)* or
- CHEM 307 - Organic Chemistry II for Life Sciences *(3)*

- CHEM 353 - Organic Chemistry Laboratory II *(1)*

Spring

- CHEM 305 - Inorganic and General Chemistry II *(3)* or
- CHEM 308 - General Chemistry II for Life Sciences *(3)*

- CHEM 354 - General Chemistry Laboratory II *(1)* or
- CHEM 356 - Inorganic and Quantitative Laboratory Methods *(1)*

Year 3

Fall

- CHEM 301 - Physical Chemistry *(3)*
- CHEM 303 - Integrated Physical/Analytical Chemistry Laboratory I *(1)*

- CHEM 309 - Instrumental Analysis *(3)*
- CHEM 320 - Introduction to Chemical Research *(1-Fall; 0-Spring)*

Spring

- CHEM 302 - Physical Chemistry *(3)*
- CHEM 304 - Integrated Physical/Analytical Chemistry Laboratory II *(1)*

Additional Requirements

In the second year, CHEM 209, CHEM 305, and CHEM 356 are recommended for students intending to major in chemistry. CHEM 307 and CHEM 308 are recommended for all other science majors, but they also may be used to satisfy the requirements for a major in chemistry in place of CHEM 209 and CHEM 305, respectively.

Remaining Credit Hours: 9

- CHEM 401 - Advanced Physical Chemistry *(3)*
- CHEM 402 - Advanced Inorganic Chemistry *(3)*
- CHEM 403 - Advanced Organic Chemistry *(3)*
- CHEM 404 - Advanced Analytical Chemistry *(3)*
- CHEM 408 - Computational Chemistry *(3)*
- CHEM 411 - Polymer Science I *(3)*
- CHEM 414 - Biochemistry *(3)*
- CHEM 415 - Advanced Biochemistry *(3)*
- CHEM 417 - Neurochemistry *(3)*
- CHEM 419 - Bioinorganic Chemistry *(3)*
- CHEM 457 - Organic Synthesis *(3)*
- CHEM 458 - Organic Spectroscopy *(3)*

Additional Information:

CHEM 101, CHEM 101L, CHEM 150, CHEM 191, CHEM 291, CHEM 409, CHEM 460 and CHEM 495 - 496 may not be included in the minimum 37, and only six credits can be applied to the degree from CHEM 403, CHEM 457, or CHEM 458. No more than six semester credits in CHEM 409, CHEM 495 - 496 and may be applied toward a degree. Credits obtained for CHEM 191/CHEM 291 cannot be used towards the 120 hour graduation credit minimum. Students may not obtain credit for both CHEM 305 or CHEM 308 and CHEM 335. In a typical program, majors will have completed CHEM 103 and the sequence CHEM 206-CHEM 209-CHEM 305 or CHEM 206-CHEM 307-CHEM 308 plus MATH 111, MATH 112, and MATH 212 or MATH 213, and PHYS 101 / PHYS 101L-PHYS 102 / PHYS 102L before enrolling in CHEM 301 in their junior year (MATH 212 or MATH 213 can be taken concurrently with CHEM 301 if necessary). Credits from required pre-requisite courses in Mathematics and Physics are not applicable toward the minimum requirements for a major in Chemistry. The laboratory courses CHEM 103L, CHEM 206L, CHEM 353, CHEM 354 or CHEM 356, CHEM 303 and CHEM 304 should be taken concurrently with the appropriate lecture courses. CSCI 141 and MATH 211 are valuable courses and recommended in the general education of a chemist.

The Department of Chemistry offers an accelerated program leading to the B.S. and M.S. degree for qualified students. Students in the graduate portion are typically supported with a tuition scholarship and stipend. Chemistry concentrators may apply for formal admission to the joint program in the second semester of their sophomore year. More information about the Department of Chemistry can be found on our web site at www.wm.edu/chemistry.

American Chemical Society Certification

The department curriculum is approved by the American Chemical Society. An ACS certified degree in chemistry from William and Mary is awarded if a student's academic program meets additional course criteria within the minimum 37 credit hours of course work previously described plus a minimum of 3 credits of independent research through CHEM 409 or 6 credits in CHEM 495 - 496. The department currently offers three concentrations leading to ACS certification: chemistry, biochemistry, and chemical physics. The specific course requirements for each ACS concentration are summarized below.

ACS Concentrations

Chemistry:

- CHEM 414 - Biochemistry *(3)*
- Two additional 400 level courses from the list of Chemistry courses that count towards the 37 credit major requirement.

Biochemistry:

- CHEM 414 - Biochemistry *(3)*
- CHEM 415 - Advanced Biochemistry *(3)*
- CHEM 420 - Biochemistry Laboratory *(1)*
- One additional 400 CHEM level course from the list of Chemistry courses that count towards the 37 credit major requirement.

One upper level biology course selected from:

- BIOL 306 - Microbiology *(4)*
- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 437 - Immunology *(3)*
- BIOL 442 - Molecular Genetics *(3)*

Chemical Physics:

- CHEM 401 - Advanced Physical Chemistry *(3)*
- CHEM 414 - Biochemistry *(3)*
- One additional 400 level CHEM course from the list of Chemistry courses that count towards the 37 credit major requirement.

- PHYS 201 - Modern Physics *(4)*
- PHYS 208 - Classical Mechanics of Particles and Waves I *(4)*

One additional course selected from:

- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 413 - Introduction to Numerical Analysis I *(3)*
- PHYS 303 - Classical Mechanics of Particles and Waves II *(3)*
- PHYS 313 - Quantum Mechanics I *(3)*
- PHYS 314 - Quantum Mechanics II *(3)*
- PHYS 401 - Electricity and Magnetism I *(3)*
- PHYS 402 - Electricity and Magnetism II *(3)*
- PHYS 251 - Experimental Atomic Physics *(2)*
- PHYS 252 - Electronics *(2)*

Research in Chemistry-Summer Fellowship Program

A summer program for chemistry majors affords the opportunity to learn research skills and to apply these skills to a current research problem. Each student is designated a Summer Research Fellow and is associated with and guided by a faculty mentor. This program is supplementary to CHEM 320, Introduction to Chemical Research, and provides valuable preparation for either CHEM 495 - 496 Honors in Chemistry, or CHEM 409, Senior Research. Admission to the fellowship program is competitive. Stipends and the opportunity to apply for complimentary campus housing are provided. Opportunities for summer research are also possible for rising sophomores and juniors.

GER and COLL Courses and Advanced Placement Options

Chemistry 101 or 103 may be used to fulfill the GER 2A requirement. Chemistry 101 has been designed for non-science majors and fulfills the COLL 200 requirement. Chemistry 103 is for students majoring in a science and for students intending a career in

medicine or a related field. Chemistry 101L is the laboratory course associated with Chemistry 101 and Chemistry 103L is the laboratory course associated with Chemistry 103. Either may be used to fulfill the GER 2A laboratory requirement.

Students entering with AP or IB credit for General Chemistry and planning to major in chemistry are encouraged to take CHEM 335. Students entering with AP or IB credit for only CHEM 103/CHEM 103L and electing to take CHEM 335 may use this course to satisfy the General Chemistry II requirements (CHEM 305 or CHEM 308); however the Chemistry Laboratory II (CHEM 354 or CHEM 356) must still be taken.

If a student with an AP score of 5 or an IB score of 6 or 7 elects not to take Chemistry 308, 305 or 335, the chemistry elective credits (Chemistry 3xx) will count as 3 credits for the major or the minor and will count as taking Chemistry 308 for all other programs. If a student takes Chemistry 305 or 335, the chemistry elective credits will count towards general graduation requirements.

Chemistry, Minor

Required Credit Hours: 22

Core Requirements:

- CHEM 103 - General Chemistry I *(3)*
- CHEM 103L - General Chemistry Laboratory I *(1)*
- CHEM 206 - Organic Chemistry I *(3)*
- CHEM 206L - Organic Chemistry Laboratory I *(1)*
- CHEM 353 - Organic Chemistry Laboratory II *(1)*

Choose One From Each Group:

- CHEM 209 - Organic Chemistry II *(3)*
- CHEM 307 - Organic Chemistry II for Life Sciences *(3)*

- CHEM 305 - Inorganic and General Chemistry II *(3)*
- CHEM 335 - Freshman Honors Chemistry *(3)*
- CHEM 308 - General Chemistry II for Life Sciences *(3)*

- CHEM 354 - General Chemistry Laboratory II *(1)*
- CHEM 356 - Inorganic and Quantitative Laboratory Methods *(1)*

Advanced Course Requirements:

Select one course from each group:

- CHEM 301 - Physical Chemistry *(3)*
- CHEM 309 - Instrumental Analysis *(3)*
- CHEM 341 - Physical Chemistry for Life Sciences *(3)*

- CHEM 403 - Advanced Organic Chemistry *(3)*
- CHEM 411 - Polymer Science I *(3)*
- CHEM 414 - Biochemistry *(3)*

- CHEM 457 - Organic Synthesis *(3)*

Course Descriptions

CHEM 100 - Big Ideas in Chemistry

Fall or Spring (4) Staff. (College 100)
An exploration of significant questions and integrative concepts in Chemistry, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

CHEM 101 - Chemistry, Energy, & Environment

Fall (3) Pike (College 200, NQR, GER 2A)
For non-science majors. (Science majors and pre-medical students should enroll in CHEM 103.) Consent of the instructor required if any chemistry lecture courses have been taken. General chemical principles related to humans and their environment, including the composition of matter, chemical reactions and energy. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

CHEM 101L - Chemical Principles Laboratory

Fall (1) Pike Prereq/Corequisite(s): CHEM 101. *(College 200, NQR, ACTV)*
For non-science majors. Science majors and pre-medical students should enroll in Chem103L. Laboratory techniques in chemistry. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.) Four laboratory hours. There is a fee associated with this laboratory.

CHEM 103 - General Chemistry I

Fall (3) Walk, Young (NQR, GER 2A)
For science majors and pre-medical students. A study of the nature of atoms and molecules, stoichiometry, states of matter, solutions, reactions, kinetics, and equilibrium.

CHEM 103L - General Chemistry Laboratory I

Fall (1) Molloy Corequisite(s): CHEM 103 science majors only. *GER 2L*
Laboratory techniques in chemistry. Four laboratory hours. There is a fee associated with this laboratory.

CHEM 150 - First Year Seminar

Fall and Spring (4) Coleman, Thompson (C150)
An exploration of a specific topic in Chemistry. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

CHEM 191 - Freshman Honors Research

Spring (1) Poutsma
May be taken only with the consent of the department. Introduction to chemical research with an assigned faculty mentor.

CHEM 201 - Color, Light, and Chemistry

Spring (3) Harbron (College 200, NQR)
Intended for non-science majors, Color, Light, & Chemistry will use the theme of color and light to weave a narrative through basic concepts in chemistry. Students will develop their understanding not only of the foundations of chemistry (e.g., organic and inorganic structure, acid-base chemistry, light, spectroscopy) through the color and light theme, but also how scientific approaches can be used to create tangible products (e.g., dyed textiles, paint analysis). This course will place the chemistry of color and light in the broader context of art, philosophy, literature, culture, dye industry, artifact analysis, and world trade. Students will put course concepts into practice through hands-on experiments, demonstrations, and a project portfolio. (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.)

CHEM 206 - Organic Chemistry I

Spring (3) Abelt, Lashley, Walk Prerequisite(s): CHEM 103.
A mechanistic approach to the study of the chemistry of carbon compounds. Particular emphasis is placed on the relationship between structure and reactivity in organic reactions.

CHEM 206L - Organic Chemistry Laboratory I

Spring (1) Walk Prereq/Corequisite(s): CHEM 206.
Laboratory techniques in organic chemistry. Four laboratory hours. There is a fee associated with this laboratory.

CHEM 209 - Organic Chemistry II

Fall (3) Scheerer Prerequisite(s): CHEM 206.
A continuation of the development of the chemistry of organic functional groups started in Chemistry 206. Recommended for students expecting to major in chemistry.

CHEM 291 - Chemical Research

Fall, Spring (1) Poutsma
May be taken only with the consent of the department. Introduction to chemical research with an assigned faculty member. Credit obtained cannot be used towards an ACS certified degree and the 120 hour graduation credit minimum. Repeatable for credit.

CHEM 301 - Physical Chemistry

Fall (3) Kidwell Prerequisite(s): CHEM 305 or CHEM 308 or CHEM 335, PHYS 101 /PHYS 101L, PHYS 102 /PHYS 102L. *Prereq/Corequisite(s):* MATH 212 or MATH 213.
The first part of a two-semester sequence in physical chemistry; topics include the states of matter, thermodynamics and its chemical applications, chemical kinetics, quantum mechanics and its application to chemistry, atomic and molecular spectroscopy, and introductory statistical mechanics.

CHEM 302 - Physical Chemistry

Spring (3) Meldrum Prerequisite(s): CHEM 301
The second part of a two-semester sequence in physical chemistry; topics include the states of matter, thermodynamics and its chemical applications, chemical kinetics, quantum mechanics and its application to chemistry, atomic and molecular spectroscopy, and introductory statistical mechanics.

CHEM 303 - Integrated Physical/Analytical Chemistry Laboratory I

Fall (1) Poutsma Prerequisite(s): CHEM 354 or CHEM 356 ; CHEM 301 and CHEM 309
A series of integrated analytical and physical chemistry experiments designed to accompany CHEM 301 and CHEM 309.

CHEM 304 - Integrated Physical/Analytical Chemistry Laboratory II

Spring (1) Meldrum Prerequisite(s): CHEM 303 *Prereq/Corequisite(s):* CHEM 302
A series of integrated analytical and physical chemistry experiments designed to accompany CHEM 302.

CHEM 305 - Inorganic and General Chemistry II

Spring (3) Pike Prerequisite(s): CHEM 103.
A study of chemical principles and inorganic chemistry; including acid/base chemistry, bonding, thermodynamics, electrochemistry, solid state structure and a systematic investigation of the chemical elements. Recommended for chemistry majors; also satisfies requirements for premedical students and biology and geology majors.

CHEM 307 - Organic Chemistry II for Life Sciences

Fall (3) Lashley Prerequisite(s): CHEM 206.
A continuation of the development of the chemistry of organic functional groups started in Chemistry 206. Particular emphasis is placed on the role of metals in living systems and the biosynthesis of organic molecules. Recommended for students expecting to major in the life sciences.

CHEM 308 - General Chemistry II for Life Sciences

Spring (3) Bebout, Rice Prerequisite(s): CHEM 103.
A continuation of the study of the principles of chemistry begun in Chemistry 103. Topics include thermodynamics, nuclear chemistry, chemical kinetics, descriptive inorganic chemistry, and acid-base chemistry. Recommended for students expecting to major in the life sciences, geology, and physics.

CHEM 309 - Instrumental Analysis

Fall (3) Poutsma Prerequisite(s): CHEM 305 or CHEM 308 or CHEM 335, CHEM 354 or CHEM 356.
Principles and applications of analytical methodology and instrumentation to chemical analysis; topics covered include electrochemistry, spectroscopy, mass spectrometry, and chromatography. Three class hours.

CHEM 320 - Introduction to Chemical Research

Fall and Spring (1-Fall; 0-Spring) Bebout
Individual study on a problem in chemistry under the supervision of a faculty member. This includes instruction in chemical safety, in using the resources of the chemical library, and writing a paper related to the problem under study. Enrollment is restricted to majors in chemistry. Students will normally take the class for (1) credit in the Fall semester of the Junior year and for (0) credits in the Spring of the Junior year. Attendance at the departmental seminars is required for the entire year. Grades will be deferred until completion of the separate Fall and Spring components of the course.

CHEM 335 - Freshman Honors Chemistry

Fall (3) McNamara (NQR)
A systematic study of the properties and reactions of chemical elements and their compounds. Enrollment is restricted to freshmen who receive William and Mary credit for Chemistry 103 with a score of 4 or 5 on the Advanced Placement Examination in Chemistry.

CHEM 341 - Physical Chemistry for Life Sciences

Spring (3) Staff Prerequisite(s): CHEM 305 or CHEM 308 or CHEM 335 or CHEM 335, MATH 112 or MATH 132.
Principles in physical chemistry developed for and applied to examples from the biological sciences. Topics include thermodynamics, kinetics and spectroscopy. Course may be used for a chemistry or biochemistry minor but not for a major in chemistry. Offered every other spring semester in odd years.

CHEM 353 - Organic Chemistry Laboratory II

Fall (1) Lashley Prerequisite(s): CHEM 206L. *Prereq/Corequisite(s):* CHEM 209 or CHEM 307.
Laboratory techniques in organic chemistry. Four laboratory hours. There is a fee associated with this laboratory.

CHEM 354 - General Chemistry Laboratory II

Spring (1) Molloy Prerequisite(s): CHEM 103L. *Prereq/Corequisite(s):* CHEM 305 or CHEM 308.
Laboratory techniques in chemistry. Four laboratory hours. There is a fee associated with this laboratory.

CHEM 356 - Inorganic and Quantitative Laboratory Methods

Spring (1) Pike Prerequisite(s): CHEM 103L *Prereq/Corequisite(s):* CHEM 305 or CHEM 308
A second semester general laboratory course designed for chemistry majors. Emphasis on quantitative analysis, inorganic synthesis, and graphing and data analysis. There is a fee associated with this laboratory.

CHEM 401 - Advanced Physical Chemistry

Fall (3) Staff Prerequisite(s): CHEM 302.
Quantum chemistry and molecular spectroscopy; selected topics in statistical mechanics or chemical kinetics.

CHEM 402 - Advanced Inorganic Chemistry

Spring (3) McNamara Prereq/Corequisite(s): CHEM 302.
Principles and applications of symmetry to structural, bonding and spectroscopy; inorganic biochemistry; structure and reactivity of transition metals; and other selected topics.

CHEM 403 - Advanced Organic Chemistry

Fall (3) Abelt Prerequisite(s): CHEM 209 or CHEM 307.
A structure-reactivity approach to reaction mechanisms and modern synthetic chemistry.

CHEM 404 - Advanced Analytical Chemistry

Spring (3) Poutsma Prerequisite(s): CHEM 309.
Advanced topics in chemical equilibria, electroanalytical techniques, and separation science.

CHEM 408 - Computational Chemistry

Spring (3) Staff Prerequisite(s): CHEM 302.
Principles and applications of computational methods currently used for the determination of molecular structure and energetics. Topics include: ad initio molecular orbital theory, density functional theory, semi-empirical calculations, and molecular force field methods. Two class hours. Three laboratory hours.

CHEM 409 - Senior Research.

Fall and Spring credits to be arranged Abelt, Bebout, Coleman, Harbron, Hinkle, Kidwell, Kiefer, Kranbuehl, Landino, McNamara, Meldrum, Orwoll, Pike, Poutsma, Scheerer, Wustholz, Young Prerequisite(s): CHEM 320. May be taken only with

the consent of the department.
A course for the advanced student affording an opportunity for individual work on a problem under the supervision of a faculty member. Attendance at the departmental seminar is required.

CHEM 411 - Polymer Science I

Fall (3) Staff Prerequisite(s): CHEM 209 or CHEM 307 and CHEM 301.
An introduction to the chemical aspects of polymer science at the molecular level. Topics include the preparation, modification, degradation and stabilization of polymers. Reaction mechanisms are stressed.

CHEM 414 - Biochemistry

Fall, Spring (3) Coleman, Landino, Young Prerequisite(s): CHEM 307 or CHEM 209; *Prereq/Corequisite(s):* CHEM 305 or CHEM 308 or CHEM 335.
Chemistry listing: "The molecular basis of living processes; the chemistry of important constituents of living matter, biosynthesis, metabolism, bioenergetics, enzyme kinetics, metabolic control, transport mechanisms. Section 01 primarily for life science majors; 02 for physical science majors." (Cross listed with BIOL 414.)

CHEM 414C - Biochemistry at the Bar

Fall (1) Staff
With the recent sequencing of the human genome, increasing prevalence of various diseases and disorders including cancer, Alzheimer's, etc., and advancing sophistication of numerous biotechnologies, new social and ethical responsibilities fall upon the scientist. This 1-credit supplement AND Biochemistry 414 course fulfills the COLL 200 requirement, and aims to "reach-out" beyond the science and put the responsibilities of the biochemist on trial. Through the integration science with the fields of philosophy, law, and government, this course aims to produce a "global scientist." Drawing from multiple sources including film, current events, and guest lectures students will be afforded a holistic perspective on science in society and the implications of biochemical research. This class must be taken concurrently with CHEM 414: Biochemsitry; however will result in an independent grade.

CHEM 415 - Advanced Biochemistry

Fall (3) Landino Prerequisite(s): BIOL 414 or CHEM 414.
A continuation of the study of biological processes on a molecular level begun in Chemistry 414. Biosynthesis, metabolism, bioenergetics, enzyme kinetics, metabolic control, transport mechanisms.

CHEM 417 - Neurochemistry

Spring (3) Coleman Prerequisite(s): CHEM 414 or BIOL 414
A study of the biochemistry and pharmacology of the nervous system. Topics include excitatory and inhibitory neurotransmitters, structure and function of receptors, reuptake transporters, and second messengers. The biochemical basis of neuro-active drugs, toxins, and diseases will be covered. Recommended for chemistry, biology, and neuroscience majors, and premedical students.

CHEM 419 - Bioinorganic Chemistry

Fall (3) Bebout Prerequisite(s): BIOL 414 or CHEM 414
An intensive examination of current research approaches in the field of bioinorganic chemistry. Students will gain experience in reading and critically analyzing articles from the primary literature.

CHEM 420 - Biochemistry Laboratory

Spring (1) Young Prerequisite(s): CHEM 309 and CHEM 415 or CHEM 419.
Laboratory techniques of modern biochemistry and molecular biology

CHEM 453 - Protein Structure and Function

Fall (3) Staff Prerequisite(s): BIOL 310 or BIOL 414 or CHEM 414
The functionality of a protein is an integral part of its structure. This course provides a comprehensive analysis of how to use sequence data to understand a protein's physical properties, and to predict its function and interaction. (Cross-listed with BIOL 453)

CHEM 457 - Organic Synthesis

Spring (3) Scheerer Prerequisite(s): CHEM 209 or CHEM 307.
An advanced treatment of organic synthetic methods which includes examples of natural product synthesis.

CHEM 458 - Organic Spectroscopy

Fall (3) Harbron Prerequisite(s): CHEM 209 or CHEM 307 and CHEM 309
Theory and application of spectroscopic methods to the analysis of organic compounds. Topics include absorption, fluorescence, infrared, and proton and carbon nuclear magnetic resonance spectroscopies with an emphasis on structural elucidation and other practical applications.

CHEM 460 - Special Topics in Chemistry

Fall, Spring (1-3) Staff Prereq/Corequisite(s): Varies by topic.
Treatment of a selected chemistry topic that is not routinely covered in the regular course offerings.

CHEM 495 - 496 - Honors

Fall and Spring (3,3) Abelt, Bebout, Coleman, Harbron, Hinkle, Kidwell, Kiefer, Kranbuehl, Landino, McNamara, Meldrum, Orwoll, Pike, Poutsma, Scheerer, Wustholz, Young
Requirements include a program of research with readings from the original literature, presentation of an Honors essay, and the satisfactory completion of a comprehensive oral examination in the subject area of the research. Attendance at the departmental seminar is required; otherwise, hours are to be arranged. Note: Refer to the section of the catalog on College provisions governing the Admission to Honors.

Classical Studies [Back to Table of Contents]

Faculty

Professors

Donahue, Halleran (Provost of the College), and **Oakley** (Chancellor Professor and Forrest D. Murden, Jr. Professor)

Associate Professors

Hutton (Chair)**, Irby, Panoussi, Spaeth** and **Swetnam-Burland**

Assistant Professor

Paga

Visiting Assistant Professor

McCall, Nichols, Tobolowsky

Program

The principal objectives of the Department of Classical Studies are two:

1. To contribute broadly to the humanistic education of the undergraduate student through courses involving the reading of Greek and Latin literature in the original languages and through courses conducted in English in the area of Classical Civilization;
2. To offer those students who wish it a specialized training in the Greek, Hebrew, and Latin languages or in Classical Civilization for vocational or professional purposes.

In recent years, a large number of graduates have become teachers at the secondary level or have continued their study of the Classics in graduate school. Many others have used their undergraduate training as a basic educational background for various business occupations and professions.

The department is affiliated with the American School of Classical Studies at Athens, the American Academy in Rome, and the Intercollegiate Center in Rome; many students take advantage of the benefits of their programs.

Latin

Departmental placement in Latin is achieved through the submission of the results of a standardized examination, either a certified external examination, such as the SAT II Achievement Test in Latin or an AP Latin examination, or the department's own internal examination. For further information, see the catalog section on "Requirements for Degrees: Course Specific Requirements: Foreign Language Proficiency."

Programs

Classical Studies, Classical Archaeology Concentration, BA

Required Credit Hours: 36

Major Computing Requirement:

Fulfilled during the completion of the Major Writing Requirement projects.

Major Writing Requirement:

Will be satisfied in the following way:

1. When prospective majors, in consultation with a major advisor, fill out the form required for a declaration of major, they will specify which course of those numbered 300 or above in the chosen subject field is most appropriate to their area of special interest. This course will be the prospective concentrator's Major Writing Requirement Course.
2. At the time of registration for the specified course, the student will consult with the scheduled instructor to make all necessary arrangements for the series of opportunities to practice the writing of clear, effective prose, as the Major Writing Requirement requires.

Degree Plan

A major in **Classical Archaeology** consists of 39 credit hours divided as follows:

15 Hours of Core Courses to Include:

- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- Three courses of at least three hours each in one ancient language, either Greek or Latin

3 Hours in Field Methods, Theory, or Museum Studies:

- ANTH 301 - Methods in Archaeology *(3)*
- ARTH 480 - Methods of Art History *(3)*
- Any course of 3 credits or more numbered CLCV 430 to 439
- CLCV 491 - Independent Study *(1-3)* (when on a topic in Field Methods, Theory, or Museum Studies)
- CLCV 492 - Museum Internship in Classical Art *(3)*
- CLCV 497 - Field Methods in Classical Archaeology *(3-6)*

3 Hours in Ancient History:

- CLCV 227 - History of Ancient Greece *(3)* or
- CLCV 228 - History of Ancient Rome *(3)*

15 Hours From the Following Elective Courses:

- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 343 - Classical Myth in Ancient Art *(3)*

- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 420 - Greek Vase Painting *(3)*
- CLCV 425 - Ancient Architecture *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 431 - The Archaeology of Ritual *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 497 - Field Methods in Classical Archaeology *(3-6)*

When Appropriate: CLCV block only

- CLCV 150 - First Year Seminar *(4)*
- CLCV 480 - Research in Classical Studies *(1)*
- CLCV 490 - Advanced Topics in Classical Civilization *(1-4)*
- CLCV 491 - Independent Study *(1-3)*
- CLCV 492 - Museum Internship in Classical Art *(3)*
- CLCV 493 - Undergraduate Research Symposium in Classical Studies *(1)*
- CLCV 494 - Undergraduate Research Abroad in Classical Studies *(1-3)*
- CLCV 495 - Honors *(3)*
- CLCV 496 - Honors *(3)*

- ARTH 353 - Early Christian and Byzantine Art and Architecture *(3)*

- ANTH 315 - Environmental Archaeology *(3)*
- ANTH 319 - Archaeology of the Near East *(3)*
- ANTH 320 - Rise and Fall of Civilizations *(3)*
- ANTH 426 - Foodways and the Archaeological Record *(3)*
- ANTH 450 - Archaeological Conservation (I) *(3)*
- ANTH 451 - Archaeological Conservation (II) *(3)*
- ANTH 453 - Introduction to Zooarchaeology *(4)*
- ANTH 484 - Collecting and Exhibiting Culture *(3)*

Additional Information:

Up to two of the courses offered in other departments may count toward the major. CLCV 497 may be counted only once, as either fulfilling the field methods requirement or counting as an elective.

Classical Studies, Classical Civilization Concentration, BA

Required Credit Hours: 36

Major Computing Requirement:

Fulfilled during the completion of the Major Writing Requirement projects.

Major Writing Requirement:

Will be satisfied in the following way:

1. When prospective majors, in consultation with a major advisor, fill out the form required for a declaration of major, they will specify which course of those numbered 300 or above in the chosen subject field is most appropriate to their area of special interest. This course will be the prospective concentrator's Major Writing Requirement Course.
2. At the time of registration for the specified course, the student will consult with the scheduled instructor to make all necessary arrangements for the series of opportunities to practice the writing of clear, effective prose, as the Major Writing Requirement requires.

Core Requirements:

Select one course from:

- CLCV 207 - Greek Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)*

Select one course from:

- CLCV 208 - Roman Civilization *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 228 - History of Ancient Rome *(3)*

Area Requirements

Choose one course from the approved list below in each of the following areas. A course listed in two categories may satisfy the requirement in either of the categories, but not in both. Also, a course used to satisfy the core requirements may not also be counted as satisfying an area requirement.

History and Society:

- CLCV 227 - History of Ancient Greece *(3)*
- CLCV 228 - History of Ancient Rome *(3)*
- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 315 - Women in Antiquity *(3)*
- CLCV 320 - Pagans and Christians in the Roman World *(3)*
- CLCV 323 - The Late Roman Empire *(3)*
- CLCV 325 - Alexander the Great *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*

- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 480 490, 491, and 494 when offered for 3 credits or more on a topic in history and/or society (with Chair's approval).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Literature and Culture:

- CLCV 315 - Women in Antiquity *(3)*
- CLCV 316 - The Voyage of the Hero in Greek and Roman Literature - The Classic Epic *(3)*
- CLCV 317 - Sacred Violence in Greek and Roman Tragedy *(3)*
- CLCV 318 - Ancient Laughter: Comedy in Greece and Rome *(3)*
- CLCV 319 - The Birth of the Novel in Antiquity *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 480, 490, 491, and 494 when offered for 3 credits or more on a literary and/or cultural topic (with Chair's approval).
- Any class of 3 credits or more at or above the 300 level in GREK, LATN or HBRW (though a class used for this requirement may not be applied to the requirements in GREK or LATN for the Greek and Latin concentrations).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Archaeology and Art:

- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 343 - Classical Myth in Ancient Art *(3)*
- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 420 - Greek Vase Painting *(3)*

- CLCV 425 - Ancient Architecture *(3)*
- CLCV 431 - The Archaeology of Ritual *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 492 - Museum Internship in Classical Art *(3)* (when offered for 3 or more credits)
- 480, 490, 491, and 494 when offered for 3 or more credits on a topic in archaeology and/or art (with Chair's approval).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Additional Area Requirement Courses:

The following interdisciplinary courses may count toward any or all of the area requirements (literature, history, archaeology) in a particular semester, depending on the aspects of the topic that the professor teaching the course that semester emphasizes. Students may view the attributes of the course to see which requirements it could count toward in a particular semester. An individual course may be counted toward only one of the subject requirements that it potentially fulfills.

- CLCV 315 - Women in Antiquity *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*

Degree Plan

A major in **Classical Civilization** consists of 36 hours divided as follows:

15 Hours of Core Courses

21 Hours From Courses Listed Under the Headings Classical Civilization, Greek, Latin and Hebrew

With approval of the Chair, courses on appropriate topics listed as COLL 100 or COLL 150 may count toward the 21 additional hours. Two courses may be counted from:

- HBRW 101 - Elementary Biblical Hebrew *(4)*
- HBRW 102 - Elementary Biblical Hebrew *(4)*
- HBRW 201 - Reading the Bible in Hebrew I *(3)*
- HBRW 202 - Reading the Bible in Hebrew II *(3)*

  (for the full list of Latin, Greek, Hebrew and Classical Civilization course options visit the Classic Studies overview page.

Additional Hours

Up to 2 of the following courses offered in other departments may also count towards this 21 hour total:

- ANTH 225 - Archaeological Field Methods *(6)*
- ANTH 301 - Methods in Archaeology *(3)*
- ANTH 319 - Archaeology of the Near East *(3)*
- ANTH 320 - Rise and Fall of Civilizations *(3)*
- ARTH 353 - Early Christian and Byzantine Art and Architecture *(3)*

- ENGL 311 - Epic and Romance *(3)*
- GOVT 303 - Survey of Political Theory: The Ancient Tradition *(3)*
- HIST 355 - Religion in 19th Century America *(3)*
- LING 220 - Study of Language *(4)*
- LING 404 - Historical Linguistics *(3)*
- PHIL 231 - Greek Philosophy *(3)*
- RELG 203 - History and Religion of Ancient Israel *(3)*
- RELG 204 - Christian Origins *(3)*
- RELG 315 - Judaism in the Greco-Roman World *(3)*
- RELG 357 - The Letters of Paul *(3)*
- RELG 358 - Jesus and the Gospels *(3)*

Classical Studies, Greek Concentration, BA

A major in Greek consists of 15 credits in core requirements and 24 hours taken in Greek, Latin or Hebrew, with a minimum of 17 credits in Greek and 6 in Latin. A Greek or Latin course taken to satisfy the Literature and Culture core requirement may not be counted toward these total, and vice versa.

Required Credit Hours: 39

Major Computing Requirement:

Fulfilled during the completion of the Major Writing Requirement projects.

Major Writing Requirement:

Will be satisfied in the following way:

1. When prospective majors, in consultation with a major advisor, fill out the form required for a declaration of major, they will specify which course of those numbered 300 or above in the chosen subject field is most appropriate to their area of special interest. This course will be the prospective concentrator's Major Writing Requirement Course.
2. At the time of registration for the specified course, the student will consult with the scheduled instructor to make all necessary arrangements for the series of opportunities to practice the writing of clear, effective prose, as the Major Writing Requirement requires.

Core Requirements:

Select one course from:

- CLCV 207 - Greek Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)*

Select one course from:

- CLCV 208 - Roman Civilization *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 228 - History of Ancient Rome *(3)*

Area Requirements

Choose one course from the approved list below in each of the following areas. A course listed in two categories may satisfy the requirement in either of the categories, but not in both. Also, a course used to satisfy the core requirements may not also be counted as satisfying an area requirement.

History and Society:

- CLCV 227 - History of Ancient Greece *(3)*
- CLCV 228 - History of Ancient Rome *(3)*
- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 315 - Women in Antiquity *(3)*
- CLCV 320 - Pagans and Christians in the Roman World *(3)*
- CLCV 323 - The Late Roman Empire *(3)*
- CLCV 325 - Alexander the Great *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 480 490, 491, and 494 when offered for 3 credits or more on a topic in history and/or society (with Chair's approval).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Literature and Culture:

- CLCV 315 - Women in Antiquity *(3)*
- CLCV 316 - The Voyage of the Hero in Greek and Roman Literature - The Classic Epic *(3)*
- CLCV 317 - Sacred Violence in Greek and Roman Tragedy *(3)*
- CLCV 318 - Ancient Laughter: Comedy in Greece and Rome *(3)*
- CLCV 319 - The Birth of the Novel in Antiquity *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 480, 490, 491, and 494 when offered for 3 credits or more on a literary and/or cultural topic (with Chair's approval).
- Any class of 3 credits or more at or above the 300 level in GREK, LATN or HBRW (though a class used for this requirement may not be applied to the requirements in GREK or LATN for the Greek and Latin concentrations).

- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Archaeology and Art:

- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 343 - Classical Myth in Ancient Art *(3)*
- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 420 - Greek Vase Painting *(3)*
- CLCV 425 - Ancient Architecture *(3)*
- CLCV 431 - The Archaeology of Ritual *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 492 - Museum Internship in Classical Art *(3)* (when offered for 3 or more credits)
- 480, 490, 491, and 494 when offered for 3 or more credits on a topic in archaeology and/or art (with Chair's approval).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Additional Area Requirement Courses:

The following interdisciplinary courses may count toward any or all of the area requirements (literature, history, archaeology) in a particular semester, depending on the aspects of the topic that the professor teaching the course that semester emphasizes. Students may view the attributes of the course to see which requirements it could count toward in a particular semester. An individual course may be counted toward only one of the subject requirements that it potentially fulfills.

- CLCV 315 - Women in Antiquity *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*

Classical Studies, Latin Concentration, BA

A major in Latin consists of 15 credits in core requirements and 24 hours taken in Greek, Latin or Hebrew, with a minimum of 17 credits in Latin and 6 in Greek. A Greek or Latin course taken to satisfy the Literature and Culture core requirement may not be counted toward these total, and vice versa.

Required Credit Hours: 39

Major Computing Requirement:

Fulfilled during the completion of the Major Writing Requirement projects.

Major Writing Requirement:

Will be satisfied in the following way:

1. When prospective majors, in consultation with a major advisor, fill out the form required for a declaration of major, they will specify which course of those numbered 300 or above in the chosen subject field is most appropriate to their area of special interest. This course will be the prospective concentrator's Major Writing Requirement Course.
2. At the time of registration for the specified course, the student will consult with the scheduled instructor to make all necessary arrangements for the series of opportunities to practice the writing of clear, effective prose, as the Major Writing Requirement requires.

Core Requirements:

Select one course from:

- CLCV 207 - Greek Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)*

Select one course from:

- CLCV 208 - Roman Civilization *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 228 - History of Ancient Rome *(3)*

Area Requirements

Choose one course from the approved list below in each of the following areas. A course listed in two categories may satisfy the requirement in either of the categories, but not in both. Also, a course used to satisfy the core requirements may not also be counted as satisfying an area requirement.

History and Society:

- CLCV 227 - History of Ancient Greece *(3)*
- CLCV 228 - History of Ancient Rome *(3)*
- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 315 - Women in Antiquity *(3)*
- CLCV 320 - Pagans and Christians in the Roman World *(3)*
- CLCV 323 - The Late Roman Empire *(3)*
- CLCV 325 - Alexander the Great *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*

- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 480 490, 491, and 494 when offered for 3 credits or more on a topic in history and/or society (with Chair's approval).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Literature and Culture:

- CLCV 315 - Women in Antiquity *(3)*
- CLCV 316 - The Voyage of the Hero in Greek and Roman Literature - The Classic Epic *(3)*
- CLCV 317 - Sacred Violence in Greek and Roman Tragedy *(3)*
- CLCV 318 - Ancient Laughter: Comedy in Greece and Rome *(3)*
- CLCV 319 - The Birth of the Novel in Antiquity *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 480, 490, 491, and 494 when offered for 3 credits or more on a literary and/or cultural topic (with Chair's approval).
- Any class of 3 credits or more at or above the 300 level in GREK, LATN or HBRW (though a class used for this requirement may not be applied to the requirements in GREK or LATN for the Greek and Latin concentrations).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Archaeology and Art:

- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 330 - Egypt After the Pharaohs *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 343 - Classical Myth in Ancient Art *(3)*
- CLCV 349 - Etruscan Archaeology: Italy before the Romans *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 355 - The Roman Family *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 420 - Greek Vase Painting *(3)*
- CLCV 425 - Ancient Architecture *(3)*

- CLCV 431 - The Archaeology of Ritual *(3)*
- CLCV 489 - The Ancient City *(4)*
- CLCV 492 - Museum Internship in Classical Art *(3)* (when offered for 3 or more credits)
- 480, 490, 491, and 494 when offered for 3 or more credits on a topic in archaeology and/or art (with Chair's approval).
- Also see below under "Additional Area Requirements Courses" for other courses that may satisfy the requirement.

Additional Area Requirement Courses:

The following interdisciplinary courses may count toward any or all of the area requirements (literature, history, archaeology) in a particular semester, depending on the aspects of the topic that the professor teaching the course that semester emphasizes. Students may view the attributes of the course to see which requirements it could count toward in a particular semester. An individual course may be counted toward only one of the subject requirements that it potentially fulfills.

- CLCV 315 - Women in Antiquity *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 350 - Greek Religion *(3)*
- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*

Classical Studies, Minor

Required Credit Hours: 18

Core Requirements:

Select one course from:

- CLCV 207 - Greek Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)*

Select one course from:

- CLCV 208 - Roman Civilization *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 228 - History of Ancient Rome *(3)*

Additional Requirements:

- Six credits at the 300-level or above as listed under the headings Classical Civilization, Greek or Latin.
- Six credits in Classical Civilization, Greek or Latin.

Classical Studies, Post-Baccalaureate Certificate

The Post-Baccalaureate Program offers a flexible course of study for students who have an undergraduate degree and who wish to pursue an intensive program in the Classical languages in preparation for graduate studies, teaching, or personal enrichment. Students in the program take specific courses in Latin, Greek, and classical civilization appropriate to their level of preparation. For more information, please see the Classical Studies web page.

Full Time Enrollment:

Full Time students must register for a minimum of 6 and a maximum of 11 credits. To register for an underload, students must petition the Department of Classical Studies.

Satisfactory Progress and Continuance Policy:

All courses each semester must be completed with at least a 3.0 grade point average, and with no individual course grade lower than B-. To be eligible to receive the certificate, all students must achieve a cumulative grade point average of 3.0 on a 4.0 scale in all courses undertaken for credit at William & Mary after admission to the program. No credit toward the certificate will be allowed for a course in which a student receives a grade below C (grade point = 2.0). If a student does not meet these standards, that student will be issued an academic warning in writing. If the student's performance does not improve to meet the above standards during the subsequent semester, that student will be suspended from the program. Academic warnings and suspensions will be determined and handled by the Department of Classical Studies.

In the case of post-baccalaureate students attending the Program more than one year, the faculty reviews annually how well they have progressed toward completion of their Certificate. The department provides written guidance to help students judge their own progress.

Withdrawals:

Post-baccalaureate students are subject to the College of William and Mary's Academic Regulations as described in the Undergraduate Course Catalog with the following modifications:

A student who wishes to withdraw from a course after the conclusion of the add/drop period must request course withdrawal from the Program Director, provided they continue to meet the Program's minimum course requirements (6 credits and one course in Greek or Latin). Exceptions must be requested in writing and must be approved by the Program Director. If a student wishes to withdraw from the Program, they must request it in writing and obtain approval from the Department of Classical Studies

Requirements for the Certificate

The Post-Baccalaureate Program is designed to be as flexible as possible in order to allow students to take course that will suit their interests and needs. All entering post-baccalaureate students work with the post-baccalaureate advisor in the Department to design an appropriate course of study. Upon completion of the program, students will be awarded a post-baccalaureate certificate in Classical Studies. In order to earn the certificate each student must:

- earn at least 13 credits in the program.
- complete at least two semesters in the program.
- enroll in at least one course each semester in Latin or Greek.
- earn at least six credits at the advanced 300-level or above in either Latin or Greek.
- earn at least six credits at the intermediate 200-level or above in the other language (whichever is not met for the previous requirement).
- complete a one-credit proseminar in the first semester that provides an introduction to research methods and resources in Classical Studies.

In addition to courses in Latin, Greek and the proseminar, post-baccalaureate students may also enroll in other classes offered by the Department in Hebrew and Classical Civilization. Please note that the Post-Baccalaureate Program is not a graduate program, nor does the successful completion of the program guarantee admission to any graduate program.

Course Descriptions

Classical Civilization

CLCV 100 - Critical Questions in Classical Studies

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Classical Studies for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

CLCV 150 - First Year Seminar

Fall or Spring (4) Staff (C150)
An exploration of a specific topic in Classical Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

CLCV 205 - Greek and Roman Mythology

Fall and Spring (3) Staff (College 200, ALV, GER 5)
The origins and development of classical mythology and heroic legend as religious belief, its relation to other mythologies, and its adaptation as literary and artistic symbol from Homer through the 21st century A.D. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

CLCV 207 - Greek Civilization

Fall (3) Staff (College 200, ALV, CSI, GER 4A, 5)
A survey of ancient Greek culture from the Bronze Age to the time of Alexander the Great, examining the evolution of Greek society, art, literature and material culture in the historical context of political and economic developments. (This course is anchored in the ALV and CSI domains.)

CLCV 208 - Roman Civilization

Spring (3) Staff (College 200, ALV, CSI, GER 4A, GER 5)
A survey of Roman culture from the founding of Rome to the early medieval period, examining the evolution of Roman society, art, literature and material culture in the historical context of political and economic developments. (This course is anchored in the ALV and CSI domains.)

CLCV 217 - Greek Archaeology and Art

Fall (3) Oakley, Paga (College 200, ALV, GER 4A, 5)
An archaeological consideration of the Minoan, Mycenaean, Archaic and Classical periods of Greek civilization. Architecture, sculpture, painting, and the minor arts are included. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with ARTH 267)

CLCV 218 - Roman Archaeology and Art

Spring (3) Swetnam-Burland (College 200, ALV, GER 4A, 5)
The architecture, painting and sculpture of Hellenistic Greece and of Rome until the 4th century A.D. from the archaeological viewpoint. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with ARTH 268)

CLCV 227 - History of Ancient Greece

Fall (3) Donahue (College 200, CSI, GER 4A)
The history of Greece from the Bronze Age (3d millennium BCE) to the rise of Macedonia (fourth century BCE), focusing primarily on the two most influential and well known periods in Greek history, the Archaic Period (ca. 700-480 BC) and the Classical Period (480-323 BCE). (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross listed with HIST 260)

CLCV 228 - History of Ancient Rome

Spring (3) Donahue (GER 4A)
History of the ancient Romans from their earliest origins through the third century CE. Principal emphasis will be on the political, social, and cultural aspects of Roman history. (Cross listed with HIST 261)

CLCV 290 - Introductory Topics in Classical Civilization

Fall or Spring (1-4) Donahue, Hutton, Irby, Oakley, Paga, Panoussi, Spaeth, Swetnam-Burland
A study of some particular aspect of Greco-Roman civilization designed for first- and second-year students. No prior knowledge of the subject is expected. This course may be repeated for credit if the topic is different.

CLCV 314 - Urbanism in the Ancient World

Fall or Spring (3) Paga, Swetnam-Burland (College 200, CSI)
This course examines the development of cities in the ancient Mediterranean and Near East from the first Neolithic towns to sprawling Roman municipalities, c.3000 BCE to 400CE. Ancient literary sources offer "first hand" accounts of those who lived in the communities. Archaeological evidence illustrates the way that people organized, used, and experienced space. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

CLCV 315 - Women in Antiquity

Fall or Spring (3) Staff (GER 4A)
A study, through analysis of dramatic, historical and artistic sources, of the role of women in Greece and Rome. The role of women in the home, in politics and in religion will be discussed, as will the sexual mores involving both heterosexual and lesbian women. (Cross listed with GSWS 315)

CLCV 316 - The Voyage of the Hero in Greek and Roman Literature - The Classic Epic

Fall or Spring (3) Staff (GER 5)
From the rage of Achilles to the cunning of Odysseus to the dutifulness of Aeneas, this course follows the evolution of the paradigm of heroism as reflected in the epic poetry of ancient Greece and Rome. All readings in English.

CLCV 317 - Sacred Violence in Greek and Roman Tragedy

Fall or Spring (3) Staff (GER 5)
Murder, incest, suicide, rape: these were typical themes in the dramatic works of the ancient Greeks and Romans. The surviving tragedies will be read in translation, focusing the role of theatrical violence in its social, historical and religious contexts.

CLCV 318 - Ancient Laughter: Comedy in Greece and Rome

Fall or Spring (3) Staff (ALV, GER 5)
From the uninhibited ribaldry of Aristophanes to the well mannered situation comedies of Menander and Terence, this course will trace the development of comedy in antiquity as a means of examining the role of humor in ancient and modern society. All readings in translation. (Cross listed with THEA 461)

CLCV 319 - The Birth of the Novel in Antiquity

Fall or Spring (3) Staff (GER 5)
A study, in translation, of the Greek and Roman novel, its emergence as a separate genre and its influence on later literature. Works to be studied include Longus' Daphnis and Chloe, Heliodorus' Ethiopian Tale' and Petronius' Satyricon.

CLCV 320 - Pagans and Christians in the Roman World

Fall or Spring (3) Donahue (ALV, CSI)
This course considers the encounter between Roman religious and political institutions and the rise of Christianity, from the first through the fourth centuries A.D. Primary emphasis on Roman response to Christianity, from persecution to conversion, through Roman and Christian sources. (Cross listed with RELG 320)

CLCV 321 - Judaism in the Greco-Roman World

Spring (3) Staff
This course will examine the religion of Judaism as it existed in Palestine and the Mediterranean world during the Hellenistic and early Roman periods (ca. 331BCE - 73 CE). (Cross listed with RELG 315)

CLCV 323 - The Late Roman Empire

Fall or Spring (3) Donahue
An examination, through primary and secondary sources, of the Roman Empire in the fourth and fifth centuries, with an emphasis on the social, economic, military, political, and religious features of this period.

CLCV 325 - Alexander the Great

Fall or Spring (3) Donahue
This course examines the spectacular life and career of Alexander of Macedon through ancient and modern sources in order to assess his profound influence upon the Hellenistic age and subsequent eras.

CLCV 329 - The Invention of History Writing in Antiquity

Fall or Spring (3) Donahue, Irby (ALV, CSI, GER 5)
A study, in translation, of the emergence of history writing in Greece, Rome and the Near East, examining the emergence and development of the genre, and the influence of ancient paradigms on later historical writing. Texts include Herodotus, Livy, and the Old Testament.

CLCV 330 - Egypt After the Pharaohs

Fall or Spring (3) Swetnam-Burland (GER 4B)
This course examines the history and culture of Egypt from the sixth century BCE to the third century CE, beginning with the

reigns of the last "native" pharaohs through centuries of Persian, Greek and Roman rule. Topics include the afterlife, women and children, the Jewish revolts, trade and the grain supply of Rome, as examined through historical and material sources.

CLCV 331 - Greek Philosophy

Fall or Spring (3) Staff Prerequisite(s): Two courses in philosophy or consent of the instructor. *(GER 4A)*
A critical examination of representative Greek philosophers with special emphasis on Plato and Aristotle. (Cross listed with PHIL 231)

CLCV 340 - Roman Britain

Fall or Spring (3) Hutton
The history and archaeology of Roman Britain. The story of the founding of the Roman province in Britain and its subsequent development. Examination of various aspects of Roman-British culture, including town life, fortifications, religion, art, villas, leisure and amusements. (Cross-listed with HIST 360.)

CLCV 341 - Roman Greece

Fall or Spring (3) Hutton
An archaeological, literary and cultural study of ancient Greece during the period in which Greece was part of the Roman Empire. How did Greece change under Roman rule, and how did Greek culture affect the rest of the empire? (Cross-listed with HIST 361.)

CLCV 342 - Pompeii and Herculaneum

Fall or Spring (3) Swetnam-Burland (College 200, ALV, CSI, GER 5)
A study of Roman civilization in microcosm through the examination of the towns destroyed by the eruption of Vesuvius in A.D. 79. The archaeological evidence from these towns is combined with literary and epigraphical evidence to provide a vivid recreation of Roman society, politics, daily life, art, and religion. (This course is anchored in the ALV and CSI domains.)

CLCV 343 - Classical Myth in Ancient Art

Fall or Spring (3) Oakley
An examination of Greek and Roman myth as preserved in ancient art. Emphasis will be placed on iconographical development; the social, cultural, and political reasons for iconographical change; and myth or versions of myth not preserved in literary sources. (Cross listed with ARTH 340)

CLCV 349 - Etruscan Archaeology: Italy before the Romans

Fall (3) Staff (College 200, ALV, CSI)
This course examines the evidence for the peoples of pre-Roman and early Roman Italy (900-100 BCE). The course provides a survey of Etruscan material culture, including architectural remains from sanctuary, funerary, and domestic contexts, and treats the artistic media of sculpture, painting, ceramics and metalwork. Topics include: Etruscan language, funerary customs, warfare, religious and votive practices, trade and contact within the Mediterranean, and the role of women and the lower classes. (This course is anchored in the ALV and CSI domains.) (Cross-listed with ANTH 334.)

CLCV 350 - Greek Religion

Fall or Spring (3) Spaeth
This course examines Greek religion utilizing an interdisciplinary approach incorporating archaeological, artistic, literary, and epigraphical evidence. The course covers the prehistory of Greek religion, its major concepts, and important divinities and cults.

CLCV 351 - Roman Religion

Fall or Spring (3) Spaeth
This course examines ancient Roman religion in its social, historical, and political context from the foundation of Rome to the rise of Christianity utilizing archaeological, literary, and epigraphical evidence.

CLCV 352 - Classical Athens

Fall or Spring (3) Hutton, Oakley, Paga (College 200, ALV, CSI, GER 5)
An introduction to the 5th-century B.C. city of Athens. Different aspects of public and private life and the buildings, monuments and artifacts associated with them will be studied using both primary and secondary sources. (This course is anchored in the ALV and CSI domains.)

CLCV 355 - The Roman Family

Fall or Spring (3) Swetnam-Burland (College 200, ALV, CSI)
This course treats the social structure of Roman families and the spaces in which they resided. The material includes literary sources, inscriptions, and archaeological remains from sites like Pompeii and Ostia. Class topics include: nutrition, weddings, funerals, and education. (This course is anchored in the ALV and CSI domains.) (Cross-listed with GSWS 350.)

CLCV 390 - Topics in Classical Civilization

Fall or Spring (1-4) Donahue, Hutton, Irby, Oakley, Paga, Panoussi, Spaeth, Swetnam-Burland
A study of some particular aspect of Greco-Roman culture. This course may be repeated for credit if the topic is different.

CLCV 409 - Magic and the Supernatural in the Ancient World

Fall or Spring (3) Spaeth (College 200, ALV)
Topics covered include the definition of magic in classical antiquity, practitioners of magic, magical words and objects, supernatural creatures, methods of supernatural contact, the relationship between magic and mystery cults, and the tension between the state and magic users. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

CLCV 412 - Food and Drink in the Ancient World

Fall or Spring (3) Donahue
Topics include the availability and production of food, styles and patterns of consumption, and public and private occasions where food and drink were important; also, the relationship of food and drink to gender, status, death, morality, and sex.

CLCV 420 - Greek Vase Painting

Fall or Spring (3) Oakley
A study of the development of Attic red-figure and black-figure pottery. Special emphasis will be placed on the major artists who painted these vases and the iconography of their mythological scenes. (Cross listed with ARTH 341)

CLCV 425 - Ancient Architecture

Fall or Spring (3) Swetnam-Burland
This course, taught in seminar format, examines the major developments of ancient Greek and Roman architecture in Europe, Africa, and the Middle East from the Bronze Age to the 4th century A.D. (Cross listed with ARTH 345)

CLCV 431 - The Archaeology of Ritual

Fall (3) Paga, Spaeth, Swetman-Burland
This course investigates the links between rituals and the archaeological record in Greek and/or Roman society. Topics include the performance of ritual, the spaces of religious action within cities and within broader landscapes, and the roles of practitioners and audiences. Material discussed may include architectural remains (e.g., tombs, temples), portable objects (e.g., altars, sacrificial implements), and representations of rituals in visual media or ancient texts. The course emphasizes secondary literature offering methodological paradigms for understanding ritual action.

CLCV 451 - The Medieval Book

Fall or Spring (3) Staff
The Medieval Book is a comprehensive survey of manuscript books from the European Middle Ages. The course starts with Umberto Eco's "The Name of the Rose" as a gateway to medieval book culture and the communities that used books most intimately. Topics will include scribal and shop practices for making books (codicology), paleography, and the reading of ancient manuscript hands, illuminations and miniatures in medieval books, and the analysis of original manuscripts and facsimiles.

CLCV 480 - Research in Classical Studies

Fall or Spring (1) Staff
Students meet on a weekly basis with a faculty advisor and complete an independent research project connected with the advisor's own research. Open only to concentrators upon the consent of an advisor. This course may be repeated once for credit.

CLCV 489 - The Ancient City

Summer (4) Staff (GER 4A, 5)
A study of the historical, cultural and material development of the ancient city in Italy or Greece. This summer study abroad course includes extensive site visits and selected readings. Course may be repeated for credit when the site differs.

CLCV 490 - Advanced Topics in Classical Civilization

Fall or Spring (1-4) Staff
A study in depth of some particular aspect of Greco-Roman culture. This course is intended for the student who already has some background in Classical Civilization. The course may be repeated if the topic is basically different.

CLCV 491 - Independent Study

Fall and Spring (1-3) Staff Prerequisite(s): Consent of instructor.
A program of reading, writing, and discussion in a special area of Classical Studies. Students accepted for this course will arrange their program of study with an appropriate faculty advisor. This course may be repeated for credit with a different topic.

CLCV 492 - Museum Internship in Classical Art

Fall or Spring (3) Oakley, Swetnam-Burland Prerequisite(s): Consent of instructor.
This course allows students to gain practical experience in museum work under the supervision of a faculty advisor. The internship requires the production of a major research paper and a journal that records learning experiences while at the museum.

CLCV 493 - Undergraduate Research Symposium in Classical Studies

Fall (1) Staff Prerequisite(s): Consent of instructor.
Students present their research to the university community through a departmental research symposium. Participants will prepare a presentation based on research that they have previously pursued in a Classical Studies course or independent study. Course may be repeated for credit when topics differ.

CLCV 494 - Undergraduate Research Abroad in Classical Studies

Fall or Spring (1-3) Spaeth, Donahue, Hutton, Panoussi, Irby, or Swetnam-Burland
An optional independent study, chosen in consultation with a faculty advisor, of an artifact or site studied in conjunction with CLCV 489. Course may be repeated for credit when topics differ.

CLCV 495 - Honors

Fall and Spring (3) Staff
The Department of Classical Studies offers Honors study in Classical Civilization as staff is available. Students admitted to this study will be enrolled in the course during both semesters of their senior year. The course comprises: (a) supervised reading of a special bibliography in the field of the student's major interest; (b) satisfactory completion by April 15 of a scholarly essay; and (c) satisfactory completion of an oral examination of the subject and subject field of the essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CLCV 496 - Honors

Fall and Spring (3) Staff
The Department of Classical Studies offers Honors study in Classical Civilization as staff is available. Students admitted to this study will be enrolled in the course during both semesters of their senior year. The course comprises: (a) supervised reading of a special bibliography in the field of the student's major interest; (b) satisfactory completion by April 15 of a scholarly essay; and (c) satisfactory completion of an oral examination of the subject and subject field of the essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CLCV 497 - Field Methods in Classical Archaeology

Summer (3-6) Oakley, Swetnam-Burland
An introduction to field and laboratory methods in classical archaeology through participation in a field project approved by the department. Such topics as excavation techniques, data collection and recording, archaeological survey and mapping, artifact processing and analysis may be covered.

CLCV 498 - Post-Baccalaureate Proseminar in Classical Studies

Fall (1-3) Staff
This class will introduce post-baccalaureate students to research methods and resources in Classical Studies in preparation for pursuing graduate studies and other professional goals in the field.

CLCV 499 - Supervised Teaching in Classical Studies

Fall or Spring (1-3) Staff
In this course postbaccalaureate students engage in supervised instructional activities in a course in Classical Studies. Activities may include leading tutorials or discussion sessions, holding office hours, and limited lecturing. Course may be repeated for credit.

Greek

GREK 101 - Elementary Ancient Greek I

Fall (4) Staff Prerequisite(s): for GREK 102: GREK 101 or consent of instructor.
The elements of the Greek language with translation of stories and poems from selected readers. Parallel study of aspects of Greek civilization and of the legacy left by Greek culture and thought to the modern world.

GREK 102 - Elementary Ancient Greek II

Spring (4) Staff Prerequisite(s): for GREK 102: GREK 101 or consent of instructor.
The elements of the Greek language with translation of stories and poems from selected readers. Parallel study of aspects of Greek civilization and of the legacy left by Greek culture and thought to the modern world.

GREK 201 - Intermediate Ancient Greek I

Fall (3) Staff Prerequisite(s): GREK 102 or consent of instructor. *(ALV)*
A course designed to introduce the student to the basic syntactical and stylistic elements of 5th-4th cent. B.C. Attic prose through an intensive examination of selected works of Plato, Lysias and Thucydides, and other prose writers.

GREK 202 - Intermediate Ancient Greek II

Spring (3) Staff Prerequisite(s): GREK 201 or consent of instructor. *(ALV, GER 5)*
A course designed to introduce the student to the basic syntactical and stylistic elements of ancient Greek prose and poetry through a close reading of selected works of Plato, Lysias, Xenophon, Homer, Euripides and others.

GREK 203 - New Testament Greek

Spring (3) Spaeth Prerequisite(s): GREK 201 or consent of instructor.
Readings in the New Testament with emphasis on the language, vocabulary, and idiom of koine Greek. This course is not recommended for students who intend to continue to advanced courses in Classical Greek. Course readings in the original Greek.

GREK 321 - Philosophy

Fall or Spring (3) Hutton Prerequisite(s): GREK 202 or consent of instructor.
Readings from Plato, Aristotle, and others in the original Greek.

GREK 322 - New Testament

Fall or Spring (3) Spaeth Prerequisite(s): GREK 202 or consent of instructor.
Readings in the original Greek from the New Testament and related literature.

GREK 323 - Greek Epic Poetry

Fall or Spring (3) Hutton, Panoussi Prerequisite(s): GREK 202 or consent of instructor.
Readings in the original Greek from Homer and other epic poets.

GREK 324 - Greek Oratory

Fall or Spring (3) Hutton Prerequisite(s): GREK 202 or consent of instructor.
Readings in the original Greek from Lysias, Demosthenes and other Greek orators and rhetoricians.

GREK 325 - Greek Historians

Fall or Spring (3) Panoussi Prerequisite(s): GREK 202 or consent of instructor. *(ALV)*
Readings in the original Greek from Herodotus, Thucydides, Xenophon and/or other ancient historiographers.

GREK 326 - Greek Lyric Poetry

Fall or Spring (3) Panoussi Prerequisite(s): GREK 202 or consent of instructor.
Readings in the original Greek of lyric poetry and related genres, including elegy and iambus. Authors read may include Archilochus, Sappho, Pindar and Callimachus.

GREK 327 - Greek Tragedy

Fall or Spring (3) Hutton Prerequisite(s): GREK 202 or consent of instructor. *(ALV)*
Readings in the original Greek chosen from the plays of the great Athenian tragedians Aeschylus, Sophocles and Euripides.

GREK 328 - Greek Comedy

Fall or Spring (3) Hutton Prerequisite(s): GREK 202 or consent of instructor.
Readings in the original Greek chosen from the works of the Athenian comic playwrights Aristophanes and Menander.

GREK 329 - The Greek Novel

Fall or Spring (3) Hutton Prerequisite(s): GREK 202 or consent of instructor.
Readings in the original Greek chosen from the works of Longus, Achilles Tatius, Heliodorus, Lucian, and others.

GREK 421 - Writing in Greek - Greek Prose Composition

Fall or Spring (1-3) Hutton Prerequisite(s): Consent of instructor.
Experience in writing ancient Greek, at first in elementary sentences, then in extended composition in the styles of various Greek prose authors. This course can be offered on a tutorial basis when it is requested by one or several students.

GREK 490 - Topics in Greek

Fall or Spring (1-3) Staff Prerequisite(s): GREK 202 or consent of instructor.
Treatment of a selected topic in Greek language or literature (in the original Greek) that is not covered in regular course offerings. Course may be repeated if topic varies.

GREK 491 - Independent Study

Fall or Spring (1-3) Staff Prerequisite(s): Consent of instructor.
A program of reading, writing, and discussion on a particular author or topic in Greek literature in the original language. Students accepted for this course will arrange their program of study with an appropriate faculty advisor. This course may be repeated for credit with a different topic.

GREK 495 - Honors

Fall and Spring (3) Staff
The Department of Classical Studies offers Honors study in Greek or Latin as staff is available. Students admitted to this study will be enrolled in the course during both semesters of their senior year. The course comprises: (a) reading and discussion of selected authors in the language of the student's emphasis, Greek or Latin; (b) supervised reading of a special bibliography in the field of the student's major interest; (c) satisfactory completion, by April 15, of a scholarly essay; and (d) satisfactory completion of an oral examination on the subject and subject field of the essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

GREK 496 - Honors

Fall and Spring (3) Staff
The Department of Classical Studies offers Honors study in Greek or Latin as staff is available. Students admitted to this study will be enrolled in the course during both semesters of their senior year. The course comprises: (a) reading and discussion of selected authors in the language of the student's emphasis, Greek or Latin; (b) supervised reading of a special bibliography in the field of the student's major interest; (c) satisfactory completion, by April 15, of a scholarly essay; and (d) satisfactory completion of an oral examination on the subject and subject field of the essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Hebrew

HBRW 101 - Elementary Biblical Hebrew

Fall and Spring (4) Staff Prerequisite(s): For HBRW 102: HBRW 101 or consent of instructor.
The elements of the Hebrew language with translation of simple narrative passages from the Hebrew Bible.

HBRW 102 - Elementary Biblical Hebrew

Fall and Spring (4) Staff Prerequisite(s): For HBRW 102: HBRW 101 or consent of instructor.
The elements of the Hebrew language with translation of simple narrative passages from the Hebrew Bible.

HBRW 201 - Reading the Bible in Hebrew I

Fall (3) Staff Prerequisite(s): HBRW 102 or consent of instructor.
Review of grammar followed by readings in various genres of Biblical literature. Emphasis on syntax, vocabulary and style of the Hebrew Bible. This course introduces the student to methods of modern biblical interpretation. (Cross listed with RELG 205)

HBRW 202 - Reading the Bible in Hebrew II

Spring (3) Staff Prerequisite(s): HBRW 201 or RELG 205 or consent of instructor. *(GER 5)*
Further readings and analyses of selected biblical passages. (Cross listed with RELG 301)

HBRW 490 - Topics in Biblical Hebrew

Spring (3) Zahavi-Ely Prerequisite(s): HBRW 202 or consent of instructor.
In-depth reading of one or two books of the Hebrew Bible in Hebrew; text-critical questions and research tools, current research on content and composition. Readings will vary; will include both prose and poetry. Course may be repeated if readings differ.

HBRW 491 - Independent Study

Fall or Spring (1-3) Zahavi-Ely Prerequisite(s): Consent of instructor.
A program of reading, writing, and discussion on a particular author or topic of Classical Hebrew literature in the original language. Students accepted for this course will arrange their program of study with an appropriate faculty advisor. This course may be repeated for credit with a different topic.

Latin

LATN 101 - Elementary Latin

Fall and Spring (4) Staff Prerequisite(s): For LATN 102: LATN 101 or departmental placement.
This course is designed to equip the student with a mastery of the structure of the Latin language and with knowledge of basic vocabulary. There are translations from appropriate Latin texts and parallel study of pertinent aspects of Roman life and history.

LATN 102 - Elementary Latin

Fall and Spring (4) Staff Prerequisite(s): For LATN 102: LATN 101 or departmental placement.
This course is designed to equip the student with a mastery of the structure of the Latin language and with knowledge of basic vocabulary. There are translations from appropriate Latin texts and parallel study of pertinent aspects of Roman life and history.

LATN 201 - Introduction to Latin Prose

Fall (3) Irby Prerequisite(s): LATN 102 or departmental placement. *(ALV)*
There will be a review of forms and syntax, after which some major prose author will be read at length.

LATN 202 - Introduction to Latin Poetry

Spring (3) Irby Prerequisite(s): LATN 201 or departmental placement. *(ALV, GER 5)*
A major poet will be read at length and other selections from Classical Latin poetry will be covered.

LATN 321 - Latin Lyric and Elegiac Poetry

Fall or Spring (3) Panoussi Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of Catullus, Horace, Propertius, Ovid, and others.

LATN 322 - Cicero

Fall or Spring (3) Donahue Prerequisite(s): LATN 202 or departmental placement. *(ALV)*
Readings in the original Latin chosen from the orations, letters and/or essays of Cicero.

LATN 323 - Roman Drama

Fall or Spring (3) Panoussi Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of Plautus, Terence, and Seneca.

LATN 324 - Roman Satire

Fall or Spring (3) Donahue Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of Horace, Juvenal, Persius, and others.

LATN 325 - Roman Historians

Fall or Spring (3) Swetnam-Burland, Donahue Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of Livy, Tacitus, and others.

LATN 326 - Vergil

Fall or Spring (3) Panoussi Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the Aeneid and other Vergilian works.

LATN 327 - The Roman Novel

Fall or Spring (3) Spaeth Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of Petronius, Apuleius, and others.

LATN 328 - Roman Philosophy

Fall or Spring (3) Spaeth Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of Cicero, Lucretius, Seneca, and others.

LATN 329 - Medieval Latin

Fall or Spring (3) Irby Prerequisite(s): LATN 202 or departmental placement.
Readings in the original Latin chosen from the works of medieval authors in prose and poetry.

LATN 330 - Imperial Latin Literature: The Rhetoric of Cruelty

Spring (3) Panoussi Prerequisite(s): LATN 202 *(ALV)*
In no other period did the tensions and ambiguities inherent in Roman society manifest themselves more acutely than in the first and early second century C.E., Rome's 'Silver Age.' It was frequently a violent and cruel period in which absolute power could be exercised with a malignancy rarely plied since. Yet this age also produced a literature often marked by profound humanity and by an inventiveness comparable to that of the 'Golden Age' a century before. The goal of this course is to gain some insight into the paradoxes of this period. Reading selections in Latin and sometimes English from authors like, Seneca, Petronius, Lucan, Statius, Pliny the Younger and Tacitus, we will examine the social and political conditions of writing in this period, and we will consider the degree to which these authors were aware of, and indeed played with, the hierarchies created by literary canons and reflected in epithets like 'golden' and 'silver.'

LATN 421 - Writing Latin - Latin Prose Composition

Fall or Spring (3) Panoussi Prerequisite(s): LATN 202 or departmental placement.
Reading of such Latin prose authors as Caesar, Cicero and Nepos followed by the writing of connected Latin passages in imitation of their style. This course can be offered on a tutorial basis whenever it is requested by one or several students, if staff is available.

LATN 490 - Topics in Latin

Fall and Spring (1-3) Staff Prerequisite(s): LATN 202 or departmental placement.
Treatment of a selected topic in Latin language or literature (in the original Latin) that is not covered in regular course offerings. Course may be repeated if topics vary.

LATN 491 - Independent Study

Fall or Spring (1-3) Staff Prerequisite(s): Consent of instructor.
A program of reading, writing, and discussion on a particular author or topic in Latin literature In the original language. Students accepted for this course will arrange their program of study with an appropriate faculty advisor. This course may be repeated for credit with a different topic.

Other Courses

LATN 495 - Honors

Fall, Spring (3) Staff
The Department of Classical Studies offers Honors study in Greek or Latin as staff is available. Students admitted to this study will be enrolled in the course during both semesters of their senior year. The course comprises: (a) reading and discussion of selected authors in the language of the student's emphasis, Greek or Latin; (b) supervised reading of a special bibliography in the field of the student's major interest; (c) satisfactory completion by April 15 of a scholarly essay; and (d) satisfactory completion of an oral examination of the subject and subject field of the essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

LATN 496 - Honors

Fall, Spring (3) Staff
The Department of Classical Studies offers Honors study in Greek or Latin as staff is available. Students admitted to this study will be enrolled in the course during both semesters of their senior year. The course comprises: (a) reading and discussion of selected authors in the language of the student's emphasis, Greek or Latin; (b) supervised reading of a special bibliography in the

field of the student's major interest; (c) satisfactory completion by April 15 of a scholarly essay; and (d) satisfactory completion of an oral examination of the subject and subject field of the essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Community Studies [Back to Table of Contents]

Faculty

Advisory Committee

Griffin (Director, Community Studies and Engaged Scholarship); **Schwartz** (Director, Charles Center, Government); **Charity Hudley** (William and Mary Professor of Community Studies, English/ Linguistics); **Dallaire** (Sharpe Professor of Civic Renewal and Social Entrepreneurship, Psychology); **Aday** (Sociology, CMST); **Taylor** (German Studies, Film Studies), **Taylor** (VIMS)

The Community Studies Program

The Community Studies minor in Interdisciplinary Studies is designed to prepare students for community-based research. Community Studies students are required to consult with a faculty advisor to design an academic path of study that meaningfully integrates continuing community-based research and engagement with their course work. More than a cumulative set of courses, the self-designed minor is structured to support and fulfill scholarly plans to complete a capstone community-based, undergraduate research experience, Honors thesis in their major, or a Self-Designed Major in Community Studies.

Declaration Process

Each year Community Studies will announce a date in the fall term by which students must apply to declare the minor. To be eligible, students must have attained sophomore status and have either completed, or currently be taking, the required introductory course (either a Sharpe freshman seminar or CMST 250). To declare, students must meet with a member of the Advisory Committee prior to this deadline.

Description of Courses

Community Studies courses support enrollment for the freshman Sharpe Community Scholars Program, the Community Studies Minor, and upper-level students who want to integrate community-based projects into academic classes.

Program

Community Studies, Minor

Introductory Community-Based Learning Seminar Requirement:

Candidates for the Community Studies Minor must enroll in at least one community-based learning seminar which can be satisfied by a freshman seminar in the Sharpe program or by the sophomore-level alternative for students who would like to do the minor but were not in the freshman Sharpe program: CMST 250 - Introduction to Community Studies.

Core Courses Requirement:

The following core courses are required of all Community Studies Minors:

- CMST 350 - Critical Engagement in Context *(4)*
- CMST 351 - Methods in Community-Based Research *(4)*

Electives:

At least five (5) credit hours must be drawn from the College's existing curriculum, in courses that will enrich the student's understanding in a subject area and advance their development toward completing a community-based research project. Elective credit hours for the minor must be approved by a Community Studies advisor as part of the student's academic plan of study.

Capstone Research or Honors Thesis:

All Community Studies Minors are required to complete a senior research paper, which can be either a 1-semester independent study or a 2-semester honors project. Either of these can be done in the department of the student's major or in Interdisciplinary Studies.

Community Engagement Requirement:

Students are expected to engage in a minimum of 60 hours of community-based collaboration or work in the community that is associated with their research. Their fulfillment of this requirement will be monitored and subject to evaluation by the director of the Sharpe Program.

Course Descriptions

CMST 101 - The College and the Community

Fall and Spring (1) Griffin Corequisite(s): Must be taken along with a designated Sharpe freshman course.
This course introduces freshman Sharpe Scholars to community engagement as guided by interdisciplinary objectives for learning. Students develop an intellectual foundation for understanding discipline-based study as integrated with key ethics and practices in various forms of civic participation. The course aims to prepare first-year students for carrying out community-based action and/or research locally, regionally, and abroad. Sharpe Scholars all take this course in both the fall and spring of the freshman years. Repeatable for credit.

CMST 250 - Introduction to Community Studies

Fall or Spring (4) Staff
This course is an introductory community-engaged learning seminar for Community Studies students and requires community service or research in the community, in addition to in-class hours. Major topics for the course and community partnerships will vary by teaching professor.

CMST 350 - Critical Engagement in Context

Fall or Spring (4) Staff
This course will survey a range of critical theories and perspectives about civic engagement, including but not limited to philosophies of citizenship, organizational structure and efficacy, social justice and inequality, social movements, and others. Students will be encouraged to use an interdisciplinary lens for understanding principles and practices of civic engagement in this course, delving more deeply in areas of faculty expertise but covering a range of theoretical and critical perspectives that "complicate" notions of identity, community, and effective engagement depending on social, economic, and global contexts of participation for example. (Cross-listed with SOCL 350)

CMST 351 - Methods in Community-Based Research

Fall or Spring (4) Staff
This course is intended to survey a variety of community-based participatory research methods, including but not limited to survey research, individual and focus group interviewing, ethnographic field methods, documentary activism, and others. Students will be guided through critical thinking about community issues and their involvement, while assessing the utility and relevance of research-based responses to those issues in partnership with a community organization or agency.

CMST 450 - Topics in College and Community

Fall or Spring (1-4) Staff
Topics courses taught under this number all provide students with significant and sustained community-based research, or engaged learning experiences. Some topics may have co-requisites.

Computational and Applied Mathematics and Statistics [Back to Table of Contents]

Faculty

Advisory Committee - Applied Statistics Track

Dey (co-Director, Mathematics), **Iaci** (co-Director, Mathematics), Hicks (Economics), **Leemis** (Mathematics), **Moody** (Economics)

Advisory Committee - Mathematical Biology Track

Day (co-Director, Mathematics), **LaMar** (co-Director, Biology), **Dalgleish** (Biology), **Patel** (Mathematics), **Saha** (Biology), **Shaw** (Applied Science), **Shi** (Mathematics), **Smith** (Applied Science).

CAMS Program

The CAMS (Computational and Applied Mathematics and Statistics) program is by nature inter-disciplinary. In CAMS, applications are the primary driver of the research agenda for scholarly activity. The CAMS program supports a collaborative, multi-disciplinary, and integrative approach to teaching and research in applied and computational mathematics, operations research, mathematical biology and statistics. Course work and research experiences in CAMS provide a strong base in both the knowledge and practical skills necessary to make important contributions to mathematics, industry and the sciences. There are two tracks within the CAMS program: Mathematical Biology and Applied Statistics.

Mathematical Biology aims at modeling natural, biological processes using mathematical techniques and tools. It has both practical and theoretical applications in biological research. Applying mathematics to biology has a long history, but only relatively recently has there been an explosion of interest in the field. Some reasons for this include: the explosion of data-rich information sets, due to the genomics revolution, which are difficult to understand without the use of analytical tools; recent development of mathematical tools such as chaos theory to help understand complex, nonlinear mechanisms in biology; an increase in computing power which enables calculations and simulations to be performed that were not previously possible; and an increasing interest in computer experimentation due to the complications involved in human and animal research.

The Applied Statistics Track provides a major option for undergraduates with an interest in statistics, "big data", and actuarial science. As humans have developed cheaper and smaller sensors, web cameras and other data collection devices, the amount of data available to be analyzed and understood has exploded. Statistics is the mathematical science that pertains to the collection, analysis, interpretation, explanation, and presentation of data. Because of its empirical roots and its focus on applications, statistics is typically considered a distinct mathematical science rather than a branch of mathematics.

Programs

CAMS Applied Statistics Track, BS

The minimum number of credit hours for the major is 30 required credit hours and 20 credit hours of prerequisites. Proficiency requirements are typically fulfilled by completing an additional 13 credit hours.

Minimum Course Pre-requisites

- ECON 101 - Principles of Microeconomics *(3)*
- ECON 102 - Principles of Macroeconomics *(3)*
- ECON 303 - Intermediate Microeconomic Theory *(3)*
- MATH 111 - Calculus I *(4)*
- MATH 112 - Calculus II *(4)*
- MATH 214 - Foundations of Mathematics *(3,3)*

  Note: other prerequisite courses may be needed depending upon elective courses selected.

Major Writing Requirement

The upper-division writing requirement may be satisfied in one of the following ways:

- Completion of ECON 380, MATH 352 or MATH 459 with a grade of C- or better, or
- Completion of INTR 495 and INTR 496, which requires the writing of an Honors thesis.

Major Computing Requirement

Proficiency in a high-level programming language and fundamental concepts in data structures at the level of CSCI 141 and CSCI 241 is required. This is normally done by taking and passing these courses.

- CSCI 141 - Computational Problem Solving *(4)*

- CSCI 241 - Data Structures *(3)*

Major Mathematics Requirement

Proficiency in linear algebra and multivariable calculus at the level of MATH 211 and MATH 212 or MATH 213 is required. This is normally done by taking and passing these courses.

- MATH 211 - Linear Algebra *(3,3)*
- MATH 212 - Introduction to Multivariable Calculus *(3,3)*
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

Economics Electives (3 courses)

- ECON 308 - Econometrics *(3)*
- ECON 380 - Experimental Economics *(3)*
- ECON 400 - Topics in Economics *(3-4)*

  (subject to approval of CAMS Applied Statistics Track Director)
- ECON 407 - Cross Section Econometrics *(3)*
- ECON 408 - Time-Series Econometrics *(3)*
- ECON 415 - Applied Financial Derivatives *(3)*

Probability and Statistics Requirements (2 courses)

- MATH 451 - Probability *(3)*
- MATH 452 - Mathematical Statistics *(3)*

Other Mathematics Electives (2 courses)

- MATH 352 - Statistical Data Analysis *(3)*
- MATH 424 - Operations Research: Stochastic Models *(3)*
- MATH 459 - Topics in Statistics *(1-3)*

Computer Science Electives (3 courses)

- CSCI 301 - Software Development *(3)*
- CSCI 303 - Algorithms *(3)*
- CSCI 421 - Database Systems *(3)*
- CSCI 426 - Simulation *(3)*

Students are encouraged to consider the following graduate courses. These courses may be taken by completing the Undergraduate Credit for Enrollment in Graduate Level Course form.

- CSCI 668 Reliability Theory *(3)*
- CSCI 678 Statistical Analysis of Simulation Models *(3)*
- CSCI 688 Linear Regression *(3)*
- CSCI 688 Design of Experiments *(3)*
- CSCI 688 Topics in Computational Operations Research *(3)*

Note:

Credit for INTR 495-496 Honors may substitute for any two elective courses, as long as the two courses are not in the same category. In addition, with advisor approval, students may replace one elective course with one or more independent study or research credits, which must total at least 3 credits.

CAMS Mathematical Biology Track, BS

The minimum number of credit hours for the major is 27 required credit hours and 14 credit hours of prerequisites. Proficiency requirements are typically fulfilled by completing an additional 13 credit hours.

Minimum Course Prerequisites

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*
- MATH 131 - Calculus I for Life Sciences *(4)* or MATH 111 - Calculus I *(4)*
- MATH 132 - Calculus II for Life Sciences *(4)* or MATH 112 - Calculus II *(4)*

  Note: other prerequisite courses may be needed depending upon elective courses selected.

Major Writing Requirement

The upper-division writing requirement may be satisfied in one of the following ways:

- Completion of BIOL 325 or MATH 345 with a grade of C- or better, or
- Completion of INTR 495 and INTR 496, which requires the writing of an Honors thesis.

Major Computing Requirement

Proficiency in a high-level programming language and fundamental concepts in data structures at the level of CSCI 141 and CSCI 241 is required. This is normally done by taking and passing these courses.

- CSCI 141 - Computational Problem Solving *(4)*
- CSCI 241 - Data Structures *(3)*

Major Mathematics Requirement

Proficiency in linear algebra and multivariable calculus at the level of MATH 211 and MATH 212 or MATH 213 is required. This is normally done by taking and passing these courses.

- MATH 211 - Linear Algebra *(3,3)*
- MATH 212 - Introduction to Multivariable Calculus *(3,3)*
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

Mathematical Modeling Requirement (2 courses)

At most, one course from:

- BIOL 325 - Introduction to Quantitative Biology *(3)*
- MATH 345 - Introduction to Mathematical Biology *(3)*

  with the remaining course chosen from:

- APSC 351/ BIOL 351 - Cellular Biophysics and Modeling *(3)*

  APSC 456/BIOL 404 Random Walks in Biology *(3)*

Statistics and Data Analysis Electives (2 courses)

- BIOL 327 - Introduction to Biostatistics *(3-4)*

- MATH 351 - Probability and Statistics for Scientists *(3)*
- MATH 352 - Statistical Data Analysis *(3)*
- MATH 451 - Probability *(3)*
- MATH 452 - Mathematical Statistics *(3)*

  Note: MATH 351 cannot be taken for credit if credit for MATH 401 has already been given.

Computational Elective (1 course)

- CSCI 303 - Algorithms *(3)*
- CSCI 426 - Simulation *(3)*
- CSCI 520 Computing in Operations Research (3)
- PHYS 256 - Practical Computing for Scientists *(3)*

Biology Electives (any 2 BIOL 300 level or above courses). Examples include:

- APSC 351 / BIOL 351 - Cellular Biophysics and Modeling *(3)*
- APSC 456 - Random Walks in Biology *(3)* BIOL 404 - Random Walks in Biology *(3)*

  (if not used to fulfill the Mathematical Modeling requirement)
- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 312 - Evolution of Organisms *(3)*
- BIOL 401 - Evolutionary Genetics *(3)*
- BIOL 414 - Biochemistry *(3)*
- BIOL 417 - Population and Community Ecology *(4)*
- BIOL 442 - Molecular Genetics *(3)*
- BIOL 445 - GIS for Biologists *(3)*

Applications and Models Electives (2 courses)

- APSC 327 - Introduction to Laser Biomedicine *(3)*
- APSC 450 - Computational Neuroscience *(3)*
- CHEM 341 - Physical Chemistry for Life Sciences *(3)*
- CHEM 414 - Biochemistry *(3)* / BIOL 414 - Biochemistry *(3)*
- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 410/APSC 490 -Topics in Mathematics *(3)*
- MATH 413 - Introduction to Numerical Analysis I *(3)*
- MATH 414 - Introduction to Numerical Analysis II *(3)*
- MATH 441 - Ordinary Differential Equations II *(3)*
- MATH 442 - Partial Differential Equations *(3)*
- PHYS 403 - Statistical Mechanics and Thermodynamics *(3)*

Note:

Credit for INTR 495-496 Honor, with a faculty advisor approved by one of the Mathematical Biology Track directors, may substitute for any two elective courses, as long as the two courses are not in the same category. In addition, with advisor

approval, students may replace one elective requirement with one or more independent study or research credits, which must total 3 credits.

CAMS Mathematical Biology, Minor

The CAMS Mathematical Biology Minor is a formalized minor within the Interdisciplinary Studies program. Students must declare this minor before the beginning of preregistration for the final semester of their senior year by submitting a Mathematical Biology Minor Declaration form to the Director of Interdisciplinary Studies (Professor Schwartz in the Charles Center). Electives are to be selected by each student in consultation with a member of the Advisory Committee. This minor is suitable for those students interested in learning how mathematical modeling, data analysis and computer simulation are used as tools in solving biological problems.

Click here for minor declaration form.

Required Credit Hours: 18

Core Requirements (12 or more credits):

The minor requires 6 or more additional credits in pre-requisites: MATH 111 or MATH 131, MATH 112 or MATH 132, and possibly BIOL 220 and BIOL 225.

Mathematical Modeling (2 Courses)

At most, one course from:

- BIOL 325 - Introduction to Quantitative Biology *(3)* or
- MATH 345 - Introduction to Mathematical Biology *(3)*

with the remaining 1-2 courses chosen from:

- APSC 351 - Cellular Biophysics and Modeling *(3)* or
- BIOL 351 - Cellular Biophysics and Modeling *(3)*

- APSC 456 - Random Walks in Biology *(3)* or
- BIOL 404 - Random Walks in Biology *(3)*

Programming (1 course)

- CSCI 141 - Computational Problem Solving *(4)*
- PHYS 256 - Practical Computing for Scientists *(3)*

Statistics and Data Analysis (1 course)

- BIOL 327 - Introduction to Biostatistics *(3-4)*
- MATH 106 - Elementary Probability and Statistics *(3)*
- MATH 351 - Probability and Statistics for Scientists *(3)*
- MATH 352 - Statistical Data Analysis *(3)*
- PSYC 301 - Elementary Statistics *(4)*

Electives (6 or more credits):

Students must select two additional courses from the following three categories below:

1). One of the remaining Mathematical Modeling courses above

Note that only one of BIOL 325 and MATH 345 can count towards the minor.

2). At most one BIOL 300 level or above course. Examples include:

- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 312 - Evolution of Organisms *(3)*
- BIOL 401 - Evolutionary Genetics *(3)*
- BIOL 414 - Biochemistry *(3)* or CHEM 414 - Biochemistry *(3)*
- BIOL 417 - Population and Community Ecology *(4)*
- BIOL 442 - Molecular Genetics *(3)*
- BIOL 445 - GIS for Biologists *(3)*

3). At most one course from the following list:

- BIOL 414 - Biochemistry *(3)*
- CHEM 414 - Biochemistry *(3)*
- APSC 327 - Introduction to Laser Biomedicine *(3)*
- APSC 450 - Computational Neuroscience *(3)*
- CHEM 414 / BIOL 414 - Biochemistry (3)
- CHEM 341 - Physical Chemistry for Life Sciences *(3)*
- CSCI 241 - Data Structures *(3)*
- CSCI 303 - Algorithms *(3)*
- CSCI 426 - Simulation *(3)*
- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 352 - Statistical Data Analysis *(3)*
- MATH 451 - Probability *(3)*
- MATH 413 - Introduction to Numerical Analysis I *(3)*
- MATH 414 - Introduction to Numerical Analysis II *(3)*
- MATH 452 - Mathematical Statistics *(3)*
- PHYS 403 - Statistical Mechanics and Thermodynamics *(3)*

  Note: With advisor approval, students may replace one elective requirement with one or more independent study or research credits, which must total 3 credits.

Computer Science [Back to Table of Contents]

Faculty

Professor

Li, Mao, Smirni, Stathopoulos and **Torczon** (Chancellor Professor of Computer Science)

Associate Professors

Kearns, Kemper, Lewis (Chair), **Peers, Poshyvanyk,** and **Zhou**

Assistant Professors

X. Liu, Z. Liu, and Ren

Research Assistant Professor

Mordijck

Lecturers

Davis, Deverick and Jiao

Professor Emeriti

Bynum, Feyock, Noonan,Prosl, and **Stockmeyer**

The Computer Science Program

Computer science studies the development of algorithms and data structures for representing and processing information using computers. Additionally, computer science examines the logical organization of computers themselves. Questions which arise include the following. Given the enormous difficulty of writing large programs, what kinds of computer languages can be easily specified, easily understood, and yet mechanically translated? What concepts govern information processing? What are the most advantageous ways of distributing computing loads over a collection of distributed processors? How are graphical images best stored and processed? Are some functions inherently harder to compute than others? Do functions exist which cannot be computed? How is knowledge best represented in a computer?

The department's programs prepare students for graduate study in computer science and for employment as computer science professionals.

Graduate Program

The department offers the degrees of Master of Science in Computer Science and Doctor of Philosophy in Computer Science. For degree requirements and a full description of graduate courses in computer science, visit the department's website at http://www.cs.wm.edu.

Special Five-Year M.S. Program

The department offers a special program designed to enable particularly well-prepared B.S. or B.A. students to obtain an M.S. in Computer Science 12 or 15 months after receiving their bachelors degrees. Students taking computer science as either their major or as a minor in their undergraduate years may be eligible for this program. Upon request, an eligible candidate will receive an advisor in computer science by the end of the junior year. Candidates will register for two graduate-level courses during the senior year and four such courses each semester during the following academic session. Candidates will complete the requirement for an independent research project in either the summer following the senior year or the summer after the course work is completed. Students qualifying for this program may apply to the department for possible financial assistance.

Programs

Computer Science, BS

Required Credit Hours: 37

(if given 4 credits for CSCI 141) otherwise 36.

Major Computing Requirement:

- CSCI 141 - Computational Problem Solving *(4)* or
- CSCI 241 - Data Structures *(3)*

Major Writing Requirement:

Completion of CSCI 423W (in conjunction with CSCI 423), or by fulfilling the requirements of CSCI 495-CSCI 496 Honors Project in Computer Science.

Core Requirements:

- CSCI 141 - Computational Problem Solving *(4)*
- CSCI 241 - Data Structures *(3)*

- CSCI 243 - Discrete Structures of Computer Science *(3)*
- CSCI 301 - Software Development *(3)*
- CSCI 303 - Algorithms *(3)*
- CSCI 304 - Computer Organization *(3)*
- CSCI 312 - Principles of Programming Languages *(3)*
- CSCI 423 - Finite Automata and Theory of Computation *(3)*

Proficiency in:

- MATH 111 - Calculus I *(4)*
- MATH 112 - Calculus II *(4)*
- MATH 211 - Linear Algebra *(3,3)*

Option:

- MATH 214 may be substituted for CSCI 243.

Additional Credits: 12

Any 12 credits chosen from 300-400 level computer science courses excluding CSCI 320, CSCI 430 and CSCI 498. MATH 413 and MATH 414 may be counted toward partial fulfillment of this requirement.

Additional Information:

Students who intend to major in computer science are encouraged to have completed CSCI 141, CSCI 241, either CSCI 243 or MATH 214, and a required 300 level computer science course by the end of their sophomore year. Proficiency in MATH 111, MATH 112 and MATH 211 should also be completed by that time.

Computer Science, Minor

Required Credit Hours: 19

If given 4 credits for CSCI 141; otherwise 18.

Core Requirements:

- CSCI 141 - Computational Problem Solving *(4)*
- CSCI 241 - Data Structures *(3)*
- CSCI 243 - Discrete Structures of Computer Science *(3)*
- Any nine elective credits chosen from 300-400 level Computer Science courses excluding CSCI 320, CSCI 430 and CSCI 498.

Additional Information:

- MATH 214 may be substituted for CSCI 243.
- MATH 413 and MATH 414 may be counted toward partial fulfillment of the requirement for nine elective credits.

Course Descriptions

CSCI 120 - Elementary Topics

Fall or Spring 1-3 credits, depending on material. Staff
A treatment of elementary topics not covered in existing courses. Course material, chosen from various areas of computer science, will be described and prerequisites/corequisites will appear in detailed course schedule.

CSCI 121 - Elementary Topics with Laboratory

Fall or Spring 1-3 credits, depending on material. Staff
A treatment of elementary topics not covered in existing courses. Course material, chosen from various areas of computer science, will be described and prerequisites/corequisites will appear in appropriate registration bulletins. Scheduled weekly two-hour laboratory sessions account for one of the credit hours assigned to this course.

CSCI 131 - Concepts in Computer Science

Fall and Spring (3) Staff Corequisite(s): CSCI 131L.
An overview of computer science, presenting an introduction to key issues and concepts: elementary computer organization and arithmetic, algorithms, program translation, operating systems, elementary data structures, file systems and database structures. Required laboratory sessions introduce students to application software for data management, text processing and network use. Not open to students who have received credit for any 300-400 level computer science course. Two lecture hours, two laboratory hours. Some majors require their students to satisfy the Major Computing Requirement by taking a computer science course designated for that purpose. CSCI 131 is designated for that purpose.

CSCI 135 - Web Design

Fall or Spring (3) Staff Prerequisite(s): CSCI 131 or CSCI 141
Web site design, including development cycle and best practices. Process of design. Markup languages: HTML, CSS templates. Testing and validation. Visual design. Tools: ftp/stfp, text editors, debuggers, validators, graphics tools. Not open to students who have credit for CSCI 300-400-level course.

CSCI 141 - Computational Problem Solving

Fall and Spring (4) Staff Corequisite(s): CSCI 141L.
An introduction to computational problem solving, including basic programming and algorithms. Programming assignments will emphasize the solution of problems taken from the natural sciences, the social sciences, and business.

CSCI 146 - Reasoning Under Uncertainty

(3) Staff Prerequisite(s): CSCI 141. *(MATH, GER 1)*
A computationally-oriented exploration of quantitative reasoning for situations in which complete information is not available. Topics will include an introduction to discrete probability theory, Monte Carlo simulation, sampling theory and elementary game theory.

CSCI 241 - Data Structures

Fall and Spring (3) Staff Prerequisite(s): CSCI 141.
Continuation of fundamental concepts of computer science: data abstraction, data structures, and data representation. Lists, stacks, queues, trees, balanced trees, priority queues, hashing, and applications. The implementation of abstract data structures using classes gives this course a significant programming component.

CSCI 243 - Discrete Structures of Computer Science

Fall and Spring (3) Staff Prerequisite(s): CSCI 141.
Theoretical foundations of computer science, including sets, functions, boolean algebra, first order predicate calculus, trees, graphs and discrete probability.

CSCI 301 - Software Development

Fall (3) Kemper Prerequisite(s): CSCI 241.
An introduction to principled software development, emphasizing design at the module level as well as tools and techniques. Topics include object-oriented class design and implementation, abstraction techniques, debugging techniques, defensive programming, development and analysis tools, and testing. Emphasizes the role of the individual programmer in large software development projects.

CSCI 303 - Algorithms

Fall and Spring (3) Staff Prerequisite(s): CSCI 241, either CSCI 243 or MATH 214.
A systematic study of algorithms and their complexity, including searching, sorting, selecting, and algorithms for graphs. A survey of algorithm design methods, including greedy algorithms, divide-and-conquer, dynamic programming, and backtracking. An introduction to NP-complete problems.

CSCI 304 - Computer Organization

Fall and Spring (3) Staff Prerequisite(s): CSCI 241.
Organization of computer hardware and software; virtual machines, computer systems organization, machine language, assembler language and microprogramming.

CSCI 312 - Principles of Programming Languages

Fall and Spring (3) Staff Prerequisite(s): CSCI 241, either CSCI 243 or MATH 214.
A study of programming language principles and paradigms. Formal syntax, including grammars, and semantics. Paradigms, including: imperative, object oriented, functional, logic, event-driven, and concurrent. Run-time implementation issues, including: memory management, parameter passing, and event handling.

CSCI 320 - Directed Study

Fall and Spring (1-3) Staff Prerequisite(s): One of CSCI 301, 303, 304, 312.
A directed study course to investigate aspects of computer science. Course can be based on readings from the literature, on a project, or on a research topic. Cannot be applied to the requirements for a major or a minor in computer science. Permission of instructor required.

CSCI 415 - Systems Programming

Spring (3) Kearns Prerequisite(s): CSCI 304.
The design and implementation of programs which provide robust and efficient services to users of a computer. Macro processors; scripting languages; graphical interfaces; network programming. Unix and X are emphasized.

CSCI 420 - Special Topics in Computer Science

Fall or Spring 1-3 credits, depending on material. Staff
A treatment of topics of interest not routinely covered by existing courses. Material may be chosen from various areas of computer science. A complete course description and a list of prerequisites will appear in appropriate registration bulletins.

CSCI 421 - Database Systems

Spring (3) Kearns Prerequisite(s): CSCI 303
Design, organization and implementation of database management systems: file organization and processing, hierarchical, network, and relational models of database structure, data definition and data manipulation languages, security and integrity of databases, and the study of existing database implementations.

CSCI 423 - Finite Automata and Theory of Computation

Fall and Spring (3) Mao Prerequisite(s): CSCI 303.
Theory of sequential machines, finite automata, Turing machines, recursive functions, computability of functions.

CSCI 424 - Computer Architecture

Fall (3) Staff Prerequisite(s): CSCI 304 and either CSCI 301 or CSCI 303
An introduction to the principles of computer design. Students will apply their knowledge of digital logic design to understand the high-level interactions between different computer system hardware components. The course will cover various computer architecture aspects related to memory hierarchy and design, CPU design, pipelining, and multiprocessor architecture.

CSCI 426 - Simulation

Fall (3) Smirni Prerequisite(s): CSCI 301 CSCI 303, MATH 112.
Introduction to simulation. Discrete and continuous stochastic models, random number generation, elementary statistics, simulation of queueing and inventory systems, discrete event simulation, point and interval parameter estimation.

CSCI 427 - Computer Graphics

(3) Staff Prerequisite(s): CSCI 301, CSCI 303, MATH 211.
Introduction to computer graphics and its applications. Topics include coordinate systems, the relationship between continuous objects and discrete displays, fill and flood algorithms, two-dimensional geometric transformations, clipping, zooming, panning and windowing. Topics from three-dimensional graphics include representations for objects, geometric and projection transformations, geometric modeling and hidden line/surface removal algorithms.

CSCI 430 - Computer Languages

1-3 credits, depending on language; Staff Prerequisite(s): CSCI 241.
Topics include syntax, semantics and pragmatics of one computer language as well as the influence of the languages intended

areas of applications on its design. The language studied will vary and students may repeat the course for different languages. This course does not count toward satisfying the major requirements or the major GPA. Graded Pass/Fail only

CSCI 432 - Web Programming

Spring (3) Staff Prerequisite(s): CSCI 421
Overview of the Internet. Markup languages: HTML, CSS, XML. Server side programming languages: Perl/Python, PHP, Java. Other topics include: N tier programming, security, database access, XML processing.

CSCI 434 - Network Systems and Design

Spring (3) Staff Prerequisite(s): CSCI 415
The Internet; principles and design of network applications, including web servers and multimedia; transport, network and data link layers; network security; network performance evaluation and capacity planning.

CSCI 435 - Software Engineering

Spring (3) Kemper, Poshyvanyk Prerequisite(s): CSCI 301, CSCI 312.
The software life cycle. Software design methodologies. Testing and maintenance. Programming teams.

CSCI 442 - Compiler Construction

(3) Staff Prerequisite(s): CSCI 301, CSCI 304, CSCI 312.
The emphasis in this course is on the construction of translators for programming languages. Topics include lexical analysis, block structure, grammars, parsing, program representation and run-time organization.

CSCI 444 - Principles of Operating Systems

(3) Staff Prerequisite(s): CSCI 415
The conceptual view of an operating system as a collection of concurrent processes; semaphores, monitors and rendezvous. Real and virtual memory organization and management, processor allocation and management, and external device management.

CSCI 454 - Computer and Network Security

(3) Staff Prerequisite(s): CSCI 303 and CSCI 304.
An introduction to the principles and practices of cryptography, network security, and secure software. Cryptography topics includes: basic methods, key distribution, and protocols for authenticated and confidential communications. The practice of network security includes: Kerberos, PGP, public key infrastructures, SSL/TLS. IP security, intrusion detection, password management, firewalls, viruses and worms, and Denial of Service (DoS) attacks.

CSCI 495 - Honors

Fall and Spring (3) Staff
Students admitted to Honors study in computer science will be enrolled in this course during both semesters of their senior year. The course comprises: (a) supervised research in the student's area of interest; (b) presentation by April 15 of an Honors thesis; and (c) satisfactory performance in a comprehensive oral examination in the field of the student's major interest. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CSCI 496 - Honors

Fall and Spring (3) Staff
Students admitted to Honors study in computer science will be enrolled in this course during both semesters of their senior year. The course comprises: (a) supervised research in the student's area of interest; (b) presentation by April 15 of an Honors thesis; and (c) satisfactory performance in a comprehensive oral examination in the field of the student's major interest. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CSCI 498 - Internship

Fall and Spring (3) Kemper
Students wishing to receive academic credit for an internship program must request and obtain departmental approval prior to participation in the program. Graded Pass/Fail only A student may not receive credit for this course more than once.

Creative Writing [Back to Table of Contents]

Faculty

Professors

Braxton (Cummings Professorship), **Hart** (Hickman Professorship), **Meyers** (Chancellor Professorship), **Schoenberger**

Associate Professors

Lowry and **Pinson**

Assistant Professor

Johnson

Visiting Associate Professor

Peterson

Visiting Assistant Professor

Alexander and **Pease**

Lecturer

Ashworth

Adjunct

Castleberry

The minor in Creative Writing allows students to develop their skills in writing fiction, poetry, and/or creative nonfiction, through an offering of workshops that focus on form, narrative design, and the harnessing of imagination. By practicing the various crafts of imaginative writing, students gain insights into literature, providing a useful adjunct to majors such as English, Theater, and Modern Languages and Literature. The program is enhanced by courses taught by distinguished visiting writers and by the ongoing Patrick Hayes Writers Series, which brings emerging and established writers to campus to give readings, visit classes, and meet with students. It provides an opportunity for those students with strong creative instincts to develop and hone their writing skills, and to receive instructor as well as peer evaluations of their work.

Program

Creative Writing, Minor

Before declaring a minor in Creative Writing, a student must have successfully completed at least two 300-level (or higher) creative writing courses. The required literature courses can be taken outside the English department at the discretion of the Director of Creative Writing. English majors who choose to do a Creative Writing minor can only count two creative writing courses toward the major. The declaration of minor form can be signed by either the Chair of the English department or the Director of Creative Writing.

Required Credit Hours: 20

Core Requirements:

Two 300 or 400 level literature courses are required; other credits toward the minor may be earned in the following courses:

- CRWR 212 - Introduction to Creative Writing *(3)*
- CRWR 368 - Creative Writing: Fiction *(3)*
- CRWR 369 - Creative Writing: Poetry *(3)*
- CRWR 372 - Creative Writing: Nonfiction *(3)*
- CRWR 465 - Advanced Workshop: Special Topics *(1-3)*

- CRWR 466 - Advanced Workshop in Creative Nonfiction *(3)*

- CRWR 467 - Advanced Workshop in Fiction Writing *(3)* or
- CRWR 468 - Advanced Workshop in Fiction Writing *(3)*

- CRWR 469 - Advanced Workshop in Poetry Writing *(3)* or
- CRWR 470 - Advanced Workshop in Poetry Writing *(3)*
- CRWR 471 - Advanced Workshop in Screenwriting *(3)*

- CRWR 476 - Visiting Writer Master Class *(1-3)*
- CRWR 482 - Independent Study in Creative Writing *(1-3)*
- THEA 317 - Fundamentals of Playwriting *(3)*

Course Descriptions

CRWR 212 - Introduction to Creative Writing

Fall and Spring (3) Alexander, Ashworth, Castleberry, Johnson, Pease. (ACTV, GER 6)
Emphasizes the basics of writing fiction and poetry. No previous writing experience is required. Open to academic freshmen and academic sophomores with priority given to academic freshmen.

CRWR 212 - Introduction to Creative Writing

Fall and Spring (3) Alexander, Batten, Castleberry, Dacey, C. Johnson (ACTV, GER 6)
Emphasizes the basics of writing fiction and poetry. No previous writing experience is required. Open to academic freshmen and academic sophomores with priority given to academic freshmen.

CRWR 368 - Creative Writing: Fiction

Fall and Spring (3) Johnson, Pease
An opportunity for students to develop their abilities in imaginative writing of fiction under supervision. Sections limited to 15 students each.

CRWR 368 - Creative Writing: Fiction

Fall and Spring (3) Alexander, Castleberry, C. Johnson, Pinson, Schoenberger
An opportunity for students to develop their abilities in imaginative writing of fiction under supervision. Sections limited to 15 students each.

CRWR 369 - Creative Writing: Poetry

Fall and Spring (3) Hart
An opportunity for students to develop their abilities in imaginative writing of poetry under supervision. Sections limited to 15 students each.

CRWR 369 - Creative Writing: Poetry

Fall and Spring (3) Alexander, Hart, Pinson, Schoenberger
An opportunity for students to develop their abilities in imaginative writing of poetry under supervision. Sections limited to 15 students each.

CRWR 372 - Creative Writing: Nonfiction

Fall and Spring (3) Alexander, Castleberry, C. Johnson, Pinson, Schoenberger
An opportunity for students to develop their abilities in writing creative nonfiction and/or long-form journalism. Designed for students interested in feature writing for print and new media. Sections limited to 15 students each.

CRWR 372 - Creative Writing: Nonfiction

Fall and Spring (3) Castleberry, Johnson, Pease, Schoenberger
An opportunity for students to develop their abilities in writing creative nonfiction and/or long-form journalism. Designed for students interested in feature writing for print and new media. Sections limited to 15 students each.

CRWR 465 - Advanced Workshop: Special Topics

Fall and Spring (1-3) Staff Prerequisite(s): CRWR 368 or CRWR 369
Exploration of alternative and hybrid modes, genres, subjects, and themes in creative writing, such as children's literature, speculative fiction, writing for new media, parody, translation, travel writing, or life-writing. If there is no duplication of topic, may be repeated for credit.

CRWR 465 - Advanced Workshop: Special Topics

Fall and Spring (1-3) Staff Prerequisite(s): CRWR 368 or CRWR 369
Exploration of alternative and hybrid modes, genres, subjects, and themes in creative writing, such as children's literature, speculative fiction, writing for new media, parody, translation, travel writing, or life-writing. If there is no duplication of topic, may be repeated for credit.

CRWR 466 - Advanced Workshop in Creative Nonfiction

Fall (3) Johnson, Pease
An advanced workshop in writing creative nonfiction--including but not limited to the narrative essay, the personal essay, and memoir--for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 466 - Advanced Workshop in Creative Nonfiction

Fall (3) Alexander, C. Johnson, Pinson
An advanced workshop in writing creative nonfiction--including but not limited to the narrative essay, the personal essay, and memoir--for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 467 - Advanced Workshop in Fiction Writing

Fall (3) Johnson
An advanced workshop in writing narrative fiction, with emphasis on short fiction or the novella, for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit.

CRWR 467 - Advanced Workshop in Fiction Writing

Fall (3) Johnson
An advanced workshop in writing narrative fiction, with emphasis on short fiction or the novella, for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit.

CRWR 468 - Advanced Workshop in Fiction Writing

Fall and Spring (3) Johnson
An advanced workshop in writing narrative fiction for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 468 - Advanced Workshop in Fiction Writing

Fall and Spring (3) Castleberry, C. Johnson, Pinson
An advanced workshop in writing narrative fiction for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 469 - Advanced Workshop in Poetry Writing

Fall and Spring (3) Schoenberger
An advanced workshop in poetry writing for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 469 - Advanced Workshop in Poetry Writing

Fall and Spring (3) Hart, Pinson, Schoenberger
An advanced workshop in poetry writing for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 470 - Advanced Workshop in Poetry Writing

Spring (3) Staff
An advanced workshop in poetry writing for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit

CRWR 470 - Advanced Workshop in Poetry Writing

Spring (3) Staff
An advanced workshop in poetry writing for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit

CRWR 471 - Advanced Workshop in Screenwriting

Fall and Spring (3) Castleberry, Schoenberger Prerequisite(s): CRWR 368 or CRWR 467 or CRWR 468 or permission of instructor.
An advanced workshop in writing the screenplay, with emphasis on three-act narrative structure, screenplay formatting, and viewing of contemporary and classic films. Sections limited to 15 students each. May be repeated once for credit.

CRWR 471 - Advanced Workshop in Screenwriting

Fall and Spring (3) Castleberry, Schoenberger Prerequisite(s): CRWR 368 or CRWR 467 or CRWR 468 or permission of instructor.
An advanced workshop in writing the screenplay, with emphasis on three-act narrative structure, screenplay formatting, and viewing of contemporary and classic films. Sections limited to 15 students each. May be repeated once for credit.

CRWR 476 - Visiting Writer Master Class

Fall or Spring (1-3) Writer in Residence Prerequisite(s): CRWR 368 or CRWR 369 or instructor permission
Intensive study of a special topic in creative writing with a distinguished writer-in-residence. Sections limited to 15 students each.

CRWR 476 - Visiting Writer Master Class

Fall or Spring (1-3) Writer in Residence Prerequisite(s): CRWR 368 or CRWR 369 or instructor permission
Intensive study of a special topic in creative writing with a distinguished writer-in-residence. Sections limited to 15 students each.

CRWR 482 - Independent Study in Creative Writing

Fall and Spring (1-3) Castleberry, Hart, Johnson, Pease, Pinson, Schoenberger Prerequisite(s): Must be a declared Creative Writing minor.
A tutorial on a topic agreed upon by the student and approved in advance by the departmental Undergraduate Program Committee. Normally open only to declared Creative Writing minors. Normally may be taken only once.

CRWR 482 - Independent Study in Creative Writing

Fall and Spring (1-3) Castleberry, Hart, Johnson, Pease, Pinson, Schoenberger Prerequisite(s): Must be a declared Creative Writing minor.
A tutorial on a topic agreed upon by the student and approved in advance by the departmental Undergraduate Program Committee. Normally open only to declared Creative Writing minors. Normally may be taken only once.

CRWR 495 - Honors

Fall (3) Staff
Honors study in Creative Writing comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors committee; and (c) oral examination in the field of the student's major interest. Students who have not completed ENGL 494 may be admitted only under exceptional circumstances. Creative Writing Honors students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). Creative Writing Honors involves the completion of a sustained project in creative writing. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CRWR 495 - Honors

Fall (3) Staff
Honors study in Creative Writing comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors committee; and (c) oral examination in the field of the student's major interest. Students who have not completed ENGL 494 may be admitted only under exceptional circumstances. Creative Writing Honors

students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). Creative Writing Honors involves the completion of a sustained project in creative writing. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CRWR 496 - Honors

Spring (3) Staff
Honors study in English comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors committee; and (c) oral examination in the field of the student's major interest. Students who have not completed may be admitted only under exceptional circumstances. Creative Writing Honors students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). Creative Writing Honors involves the completion of a sustained project in creative writing. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Economics [Back to Table of Contents]

Faculty

Professors

Abegaz (Chair)**, Anderson** (Francis T. West Professor of Economics), **Archibald** (Chancellor Professor), **Campbell** (CSX Professor of Economics and Public Policy), **Feldman, Hausman** (Chancellor Professor), **Hicks**, **Mellor** (Director, Schroeder Center for Health Policy), **Moody, Pereira** (Thomas Arthur Vaughn Professor of Economics), **Schmidt**, and **Stafford** (Paul T. Verkuil Professor of Economics, Public Policy and Law and Director, The W&M Program in Public Policy)

Associate Professors

He and McHenry

Assistant Professors

Beach, BenYishay, Chaijaroen, J. Lopresti, Mukherjee, Parman, Qi, Savelyev, Shiferaw, and Throckmorton

Visiting Assistant Professors

Datta, Eicher, Greer, Kuzmenko, and R. Pereira

Visiting Instructor

Sharma

Lecturer

K. Lopresti

Emeritus Professor

Haulman

The Economics Program

The program in economics offers courses that provide a valuable component of a liberal education as well as providing a foundation for graduate work in economics or for enrollment in professional programs such as law, business, urban and regional planning, public policy, as well as for careers after completion of the B.A. degree. For additional information on the program see Economics: A Handbook for Majors, Minors, and other Interested Students, available on the department website.

Programs

Economics, BA

Students must complete a basic calculus course prior to declaring a major. Approved calculus courses include: MATH 108, 111, or 131.

Required Credit Hours: 30

(beyond the 100 level)

Major Computing Requirement:

- ECON 308 - Econometrics *(3)*

Major Writing Requirement:

The Major Writing Requirement may be satisfied by completing one of the following courses:

- ECON 341 - American Economic History *(3)*
- ECON 342 - Global Economic History *(3)*
- ECON 380 - Experimental Economics *(3)*
- ECON 400 - Topics in Economics *(3-4)*
- ECON 411 - Advanced Macroeconomic *(3)*
- ECON 412
- ECON 446 - History of Economic Thought *(3)*
- ECON 451 - Labor Market Analysis *(3)*
- ECON 456 - Economics of Health Care *(3)*
- ECON 460 - Economic Analysis of Law *(3)*
- ECON 474 - Seminar in International Economic Integration *(3)*
- ECON 480
- ECON 484 - Economics of Growth *(3)*
- ECON 490 - Independent Study in Economics *(1-4)* with a writing component
- ECON 495 - Honors *(3)* and
- ECON 496 - Honors *(3)*

Core requirements:

At least 9 semester hours must be taken in courses numbered 400 or above. All majors are required to take the following courses:

- ECON 303 - Intermediate Microeconomic Theory *(3)*
- ECON 304 - Intermediate Macroeconomic Theory *(3)*
- ECON 308 - Econometrics *(3)*

Additional Information:

Students may use BUAD 231, MATH 106, MATH 351, or SOCL 353 in place of ECON 307 as a pre-requisite for ECON 308, but these courses do not count as credit hours toward the Economics major.

Economics, Minor

Required Credit Hours: 15

(beyond the 100 level)

Core Requirements:

The 15 semester hours must include at least one Intermediate Economic Theory course (ECON 303 or ECON 304) and at least 3 semester hours in courses numbered 400 or above.

Consult the Department website (www.wm.edu/economics) for updated information on curricular requirements, course offerings, and other opportunities.

Course Descriptions

ECON 101 - Principles of Microeconomics

Fall and Spring (3) Staff (CSI, GER 3)
The study of economic behavior at the level of individual households and firms. Topics include scarcity and choice, supply and demand, production, cost and market organization.

ECON 102 - Principles of Macroeconomics

Fall and Spring (3) Staff Prerequisite(s): ECON 101 *(CSI, GER 3)*
The study of aggregate economic activity. Topics include national income and output, unemployment, money and inflation, and international trade.

ECON 150 - First Year Seminar

Fall or Spring (4) Staff (C150)
An exploration of a specific topic in Economics. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

ECON 300 - Topics in Economics

Fall or Spring (3) Staff Prerequisite(s): ECON 101, ECON 102
Classes focusing on specific topics in economic theory or policy. The topics differ across sections and vary from semester to semester.

ECON 303 - Intermediate Microeconomic Theory

Fall and Spring (3) Staff Prerequisite(s): ECON 101 *(CSI)*
The theory of price and resource allocation in a market economy.

ECON 304 - Intermediate Macroeconomic Theory

Fall and Spring (3) Staff Prerequisite(s): ECON 102 *(CSI)*
Theories of aggregate economic behavior.

ECON 307 - Principles and Methods of Statistics

Fall and Spring (3) Staff Prerequisite(s): ECON 101, ECON 102 *(ACTV, MATH, GER 1)*
A study of the principles and uses of descriptive statistics, probability distributions, sampling distributions, statistical inference, hypothesis testing and regression analysis. Note: See section heading "Statistics" under "Requirements for the Baccalaureate Degree."

ECON 308 - Econometrics

Fall and Spring (3) Moody, Mukherjee, Savelyey Prerequisite(s): ECON 101, ECON 102, ECON 307 *.

* Students may use BUAD 231, MATH 106, MATH 351, or SOCL 353 in place of ECON 307 as a pre-requisite for ECON 308, but these courses do not count as credit hours toward the Economics major.
A survey of the econometric methods that are commonly used in economic research with emphasis on the application of these techniques rather than their theoretical development. No calculus or linear algebra is required.

ECON 311 - Money and Banking

Fall or Spring (3) McBeth Prerequisite(s): ECON 101, ECON 102
An analysis of the monetary system with emphasis upon financial institutions, determination of the money supply and the relationship between money and economic activity.

ECON 315 - Financial Economics

Fall and Spring (3) Moser Prerequisite(s): ECON 101, ECON 102
A survey of the theory and principles of the financial system and of financial economics.

ECON 318 - The Economics of Sports

Fall (3) Schmidt Prerequisite(s): ECON 101.
In this class students will examine economic issues surrounding the sports industry. The course is organized into three major sections: Industrial Organization, Public Finance, and Labor Markets. We will examine the industrial structure of pro sports by briefly exploring the history of sports leagues and analyzing the impact that the monopoly-like status has on the profitability of teams, player salaries, fan welfare, and the size of subsidies that state and local governments are paying to sports franchises in the form of stadium construction. We will examine the power of franchises to extract subsidies from state and local taxpayers. We will explore the techniques that economists use in determining the economic impact of stadium construction and franchise location on a local and state economy. Questions dealing with player salaries and their impact on the sport will be examined from a number of perspective.

ECON 321 - Economics of the Public Sector

Fall and Spring (3) Beach, Pereira Prerequisite(s): ECON 101, ECON 102
Theory and principles of public economics with emphasis on state and federal expenditure programs and taxes. Topics include education, welfare, Social Security, unemployment insurance, and the impact of taxes on labor supply, savings, and wealth.

ECON 322 - Environmental and Natural Resource Economics

Fall, Spring (3) Hicks, Kuzmenko, Pereira, Stafford Prerequisite(s): ECON 101 *(College 200, CSI)*
The application of efficiency and equity criteria to environmental issues. Topics include policies for environmental protection, renewable resources, exhaustible resources and unique natural environments. (This course is anchored in the CSI domain, and also considers aspects of the NQR domain.)

ECON 331 - Introduction to Mathematical Economics

Spring (3) Moody Prerequisite(s): ECON 101, ECON 102
A survey of mathematical techniques used in economics including topics in linear algebra, calculus and optimization techniques. Emphasis will be on the economic applications of these methods.

ECON 341 - American Economic History

Fall or Spring (3) Hausman, Parman Prerequisite(s): ECON 101, ECON 102 *(GER 4A)*
A study of the major trends and developments in the American economy from colonial times through New Deal. Topics include trade, transportation, business, banking, labor, and policy.

ECON 342 - Global Economic History

Fall or Spring (3) Hausman, Parman Prerequisite(s): ECON 101, ECON 102 *(College 200, CSI, GER 4A)*
An introduction to the global economic history of the world from ancient times to the mid-20th century, with emphasis on a European development, growth, world-wide economic interactions perspective. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.)

ECON 346 - Comparative Economic Inequality in Multiracial Societies

Spring (3) Abegaz Prerequisite(s): ECON 101, ECON 102 *(GER 4C)*
A comparative study of the historical patterns of inequality of income and wealth in multiracial economies. Theory and empirical evidence on the dynamics of racial and class inequality will be examined with a focus on three case studies (Brazil, South Africa, and the U.S.) (Cross listed with AFST 310).

ECON 362 - Government Regulation of Business

Fall or Spring (3) Parman, Stafford Prerequisite(s): ECON 101, ECON 102
An analysis of the principles and purposes of government regulation of business. Topics include energy policy, consumer and worker protection, transportation, telecommunications and public utilities.

ECON 380 - Experimental Economics

Fall or Spring (3) Anderson Prerequisite(s): ECON 101
Experimental economics is a field in which decision making is examined in a controlled laboratory environment. The resulting data are used to evaluate theories and policies that are not easily tested with naturally occurring data. This course surveys experimental research in many fields including decision and game theory, environmental economics, industrial organization, and public economics, and provides a basic framework for designing and conducting experiments.

ECON 382 - Comparative Economics

Fall or Spring (3) Abegaz Prerequisite(s): ECON 101, ECON 102 *(GER 4C)*
A study of the centrally planned economy as a distinctive system of resource allocation and income distribution. The emphasis is on the economics of transition from classical central planning to a market economy. Case studies of reform include Russia, Hungary, the Czech Republic, Poland and China.

ECON 398 - Internship

Fall and Spring (1) Staff Prerequisite(s): ECON 101 and ECON 102.
A pass/fail, directed readings/research course in conjunction with an internship experience.

ECON 400 - Topics in Economics

Fall or Spring (3-4) Staff Prerequisite(s): ECON 303 and/or ECON 304.
Seminar classes, normally 10-15 junior or senior economics majors, focusing on specific topics in economic theory or policy. Topics vary by section and semester to semester.

ECON 403 - Advanced Microeconomic Theory: Incentives

Fall or Spring (3) Campbell Prerequisite(s): ECON 303, MATH 111 or ECON 331.
An investigation of contracts and other devices that harness self-interest. The aim is to determine the conditions under which the mechanisms generate socially optimal outcomes. Situations in which the pursuit of self-interest is self-defeating, yielding outcomes that are far from socially optimal, are also treated. Calculus is used to identify and evaluate outcomes.

ECON 407 - Cross Section Econometrics

Fall (3) Hicks Prerequisite(s): ECON 308.
Economic data often come as a cross-section of data points, frequently collected as part of a sample survey. The nature of these data calls for the use of a specialized set of tools, which will be developed in the course. Among the models to be examined are discrete, censored and truncated dependent variable, sample selectivity and duration models. Hands-on analysis of data sets will feature prominently.

ECON 408 - Time-Series Econometrics

Spring (3) Moody Prerequisite(s): ECON 308, ECON 331 (or MATH 211).
This course is an introduction to the econometric analysis of time series data. Topics include ARIMA models, forecasting, analysis of nonstationary series, unit root tests, co-integration and principles of modeling.

ECON 410 - Game Theory

Fall or Spring (3) Anderson Prerequisite(s): ECON 101 and ECON 303.
Game Theory is a set of mathematical models used to study how individuals make decisions when their actions affect each other. The emphasis of the course material is a mix of formal theory and applications, including bargaining, information and auctions. While economists turn to game theory to model many situations, the field is firmly rooted in mathematics. Thus, you will struggle in this course if you are not very comfortable with college-level algebra and basic calculus. In addition to mathematical modeling, this course will make extensive use of economics experiments to identify situations where game theory predicts actual behavior and to learn more about why game theory fails to predict behavior in some settings.

ECON 411 - Advanced Macroeconomic

Fall or Spring (3) Staff Prerequisite(s): ECON 304, MATH 111.
A critical survey of the current state of macroeconomic model building including discussions of Neoclassical and New Keynesian models, emphasizing the microeconomic foundations of the models and their implications for business cycle analysis.

ECON 415 - Applied Financial Derivatives

Fall (3) Tarter Prerequisite(s): ECON 303 and ECON 307.
The economic theory of stochastic calculus and the solutions of the resulting partial differential equations are developed in the context of equity derivatives. Corollary risk-management characteristics are considered. Context is provided as each student manages a paper portfolio of electronic derivatives.

ECON 420 - Economics of Information

Fall or Spring (3) Campbell Prerequisite(s): ECON 303.
How markets and governments create incentives to elicit private information from individuals and firms, and how individual welfare is affected as a result. Topics include: Auctions; bank failures; internet commerce; education; mandatory retirement; voting and preference revelation; allocating dormitory rooms.

ECON 422 - Applied Environmental Economics

Fall (even numbered years) (3) Hicks Prerequisite(s): MATH 111, ECON 308.
This course will cover the application of welfare economics to environmental problems. Topics include differences in consumer surplus and other measures of economic welfare and techniques to measure the economic value of environmental resources. The course will be organized around contemporary environmental issues; for example, the economic value of oyster reef restoration in the Chesapeake Bay, preservation of endangered species, and impacts of global climate change on property. The course will examine these problems using real world data and will expose students to a wide variety of economic valuation techniques.

ECON 435 - Topics in Mathematical Economics

Spring (3) Moody Prerequisite(s): ECON 331.
A survey of topics in mathematical economics including growth theory, general equilibrium analysis and duality theory.

ECON 446 - History of Economic Thought

Fall or Spring (3) Haulman Prerequisite(s): ECON 303, ECON 304.
The development of economic analysis with emphasis upon classical and neo-classical economics.

ECON 451 - Labor Market Analysis

Fall or Spring (3) McHenry Prerequisite(s): ECON 303.
A theoretical and empirical analysis of labor demand and supply behavior. Topics include labor force participation, labor mobility and wage differentials, the economics of labor unions, and analyses of minimum wage, occupational safety and health, and unemployment insurance.

ECON 456 - Economics of Health Care

Fall or Spring (3) Mellor Prerequisite(s): ECON 303
This course applies economic analysis to the study of health and health care. Topics include: the determinants of health status, features of the market for medical care, insurance and health care delivery, and the role of government in the health care sector.

ECON 460 - Economic Analysis of Law

Fall or Spring (3) Stafford Prerequisite(s): ECON 303.
Economic analysis is employed to explain the existence of prevailing legal rules in standard areas of legal study such as property, contracts, torts, family law, civil procedure and criminal procedure.

ECON 461 - Industrial Organization: Theory, Evidence and Cases

Fall or Spring (3) Staff Prerequisite(s): ECON 303.
An analysis of the key theories of market behavior and performance under varying conditions of competition and monopoly, the empirical studies testing these theories and the application of the Federal antitrust laws to protect market competition.

ECON 474 - Seminar in International Economic Integration

Fall or Spring (3) Abegaz, Feldman Prerequisite(s): ECON 303, ECON 304, and ECON 475.
The theory and practice of preferential trade arrangements and their impact on the multilateral trading system. Topics covered include stages of regional integration (free trade area, customs union, economic and monetary union), regionalism versus multilateralism and the role of domestic interests in the formulation of trade policy. Case studies include NAFTA, the EC/EU and the GATT.

ECON 475 - International Trade Theory and Policy

Fall and Spring (3) Feldman, J. Lopresti Prerequisite(s): ECON 303.
This course examines the gains from trade, trading patterns between countries, the effect of trade on income distribution and the effects of industrial and commercial policies. Other topics include the political economy of trade protection and the development of the world trading system.

ECON 476 - International Finance and Open Economy Macroeconomics

Fall and Spring (3) Staff Prerequisite(s): ECON 304.
This course is a theoretical and empirical examination of international financial markets and national income determination in an open economy. Topics include exchange rate systems, the balance of payments and macroeconomic policymaking among interdependent economies.

ECON 481 - Microeconomics of Development

Fall or Spring (3) Abegaz, Ben Yishay, Feldman, Shiferaw Prerequisite(s): ECON 303
This course is one of two courses on theories of growth and diversification, and the evidence for them, in low-income countries which account for half of the Gross World Product. Development microeconomics focuses on household, firm, and government behavior in an environment of developing markets. Topics may vary by semester but generally include poverty measurement, property rights, health, education, credit, insurance and land markets, social protection, and legal and policy-making institutions.

ECON 483 - Macroeconomics of Development

Fall or Spring (3) Abegaz, BenYishay, Feldman, Shiferaw Prerequisite(s): ECON 303 and ECON 304.
This course is one of two courses on theories of growth and diversification, and the evidence for them, in low-income countries which account for half of the Gross World Product. Development macroeconomics focuses on what makes economies grow as well as the concomitant changes in the structures of employment, income, output, and trade. Other topics may include poverty and inequality, industrialization, demographic transition, urbanization, global integration, macropolicy, and development strategy.

ECON 484 - Economics of Growth

Fall or Spring (3) Abegaz Prerequisite(s): ECON 303, ECON 304.
Explores models of economic growth with emphasis on developing economies. Examines proximates causes (factor accumulation and technology), correlates (industrialization, demography, inequality), fundamentals (geography, history, culture, institutions), and policy implications. Blends theory with empirical evidence on the convergence and divergence of percapita incomes.

ECON 490 - Independent Study in Economics

Fall and Spring (1-4) Staff Prerequisite(s): ECON 303 and/or ECON 304.
A directed readings/research course conducted on an individual or small group basis on various topics in economics. Normally 3 credits, this class may be taken for 1, 2 or 4 credits with permission of the instructor. No more than one independent study course may be taken in any one semester and no more than 6 independent study credits may be counted toward the economics major.

ECON 495 - Honors

Fall, Spring (3) Staff Prerequisite(s): Major in economics.
Students wishing to pursue Honors in economics should obtain a copy of departmental guidelines from the economics department office. Those admitted to the program will enroll in these courses during their senior year. A student who completes an Honors thesis but does not achieve Honors may receive credit for ECON 490. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

ECON 496 - Honors

Fall, Spring (3) Staff Prerequisite(s): Major in economics.
Students wishing to pursue Honors in economics should obtain a copy of departmental guidelines from the economics department office. Those admitted to the program will enroll in these courses during their senior year. A student who completes an Honors thesis but does not achieve Honors may receive credit for ECON 490. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

English Language and Literature [Back to Table of Contents]

Faculty

Professors

Raitt (Chair), **Barnes**, **Blank**, **Braxton** (Cummings Professor, on leave 2016-2017), **Conlee**, **Donaldson** (NEH Professor), **Hart** (Hickman Professor), **Joyce** (Hamilton Professor), **Lowry**, **MacGowan**, **Martin**, **Morse** (Barkley Professor), **Pinson**, **A. Potkay** (Kenan Professor, on leave Fall 2016), **Sawaya**, **Schoenberger** (on leave 2016-2017), **Scholnick**, and **Taylor** (Cooley Professor).

Professors Emeriti

Gray, **Heacox**, **McLendon**, **Meyers**, **Reed**, and **Savage**.

Associate Professors

Begley, **Burns**, **Charity Hudley**, **Dawson** (Wakefield Professor), **Hagedorn**, **Kennedy**, **Knight**, **Losh** (on leave Spring 2017), **Minear**, **M. Potkay**, **Putzi** (on leave 2016-2017), **Weiss**, **Wenska**, **Wheatley**, and **Wilson**.

Assistant Professors

C. Johnson, **Lott**, **Lunden**, **Parker**, **Thompson**, and **Webster**

Senior Lecturers

Alexander, **Castleberry**, **Melfi** and **Zuber**

Lecturers

Batten, **Cochrane**, **Corsaro**, **Dacey**, **K. Johnson**, and **Smith**

The Program in English

The Department of English Language and Literature provides distinctive opportunities for the development of writing skills, increased sensitivity to language, awareness of the aesthetic and intellectual enjoyments of literature, and an understanding of the cultural values reflected in literature.

In its major and minor programs, the department serves students who are seeking to teach; students who are preparing for graduate study in English; students who desire a rich intellectual and aesthetic experience in advance of professional study in fields such as law, medicine and business; and students who choose English simply because they enjoy the disciplined study of literature and language. In order to satisfy these needs, the department has devised a comprehensive major that also affords the student unusual freedom in choice of courses. During the senior year a student who qualifies may pursue Honors in Literature or Creative Writing. English majors pursuing a Teaching Certificate in Secondary Education should see the School of Education catalog section.

The faculty of English Language and Literature also offers an array of courses contributing to interdisciplinary majors and minors including Africana Studies; American Studies; Creative Writing; Film and Media Studies; Gender, Sexuality, & Women's Studies; Linguistics; and Medieval & Renaissance Studies.

Programs

English Language and Literature, BA

Required Credit Hours: 36

(at least 27 of which must be in courses numbered 300 and above)

Major Computing Requirement:

- ENGL 475 - Research Seminar in English *(4)*
- ENGL 494 - Junior Honors Seminar *(4)*

Major Writing Requirement:

The great majority of courses offered in English are writing-intensive. Students officially satisfy the Major Writing Requirement by successfully completing ENGL 475, Research Seminar in English.

Methods:

- ENGL 250 - Interpreting Literature *(3)*

Research Seminar:

As a capstone experience, ENGL 475 also satisfies COLL 400 in the College Curriculum. Irrespective of its topic, ENGL 475 may not be used to satisfy the other requirements listed below.

- ENGL 475 - Research Seminar in English *(4)*

Distribution:

At least four courses numbered 300 or above that, in combination, satisfy the following requirements. A single course can be used to satisfy no more than two requirements at once.

British Literature before 1700:

One course (3 credits) from:

- ENGL 311 - Epic and Romance *(3)*
- ENGL 315 - Beowulf *(3)*
- ENGL 322 - Medieval Literature *(3)*
- ENGL 323 - The English Renaissance *(3)*
- ENGL 324 - The Early Seventeenth Century *(3)*
- ENGL 325 - English Renaissance Drama *(3)*
- ENGL 420 - Chaucer *(3)*
- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*
- ENGL 426 - Milton *(3)*

  The following are also options when the topic covers British Literature before 1700.

- ENGL 380 - Topics in a Literary Period *(3)*
- ENGL 412 - Topics in Literature and Other Arts *(3)*
- ENGL 414 - Topics in Women Writers *(3)*
- ENGL 416 - Topics in Gender and Sexuality *(3)*
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)*
- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 465 - Topics in English *(1-3)*

British Literature between 1700 and 1900:

One course (3 credits) from:

- ENGL 331 - English Literature, 1660-1744 *(3)*
- ENGL 332 - English Literature, 1744-1798 *(3)*
- ENGL 333 - The Novel to 1832 *(3)*
- ENGL 341 - The English Romantic Period *(3)*
- ENGL 342 - The Victorian Age *(3)*
- ENGL 343 - English Novel, 1832-1900 *(3)*

  The following are also options when the topic covers British Literature between 1700 and 1900.

- ENGL 380 - Topics in a Literary Period *(3)*
- ENGL 412 - Topics in Literature and Other Arts *(3)*
- ENGL 414 - Topics in Women Writers *(3)*
- ENGL 416 - Topics in Gender and Sexuality *(3)*
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)*

- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 465 - Topics in English *(1-3)*

American Literature before 1920:

One course (3 credits) from:

- ENGL 361 - American Literature to 1836 *(3)*
- ENGL 362 - The American Renaissance *(3)*
- ENGL 363 - American Literature, 1865-1920 *(3)*
- ENGL 365 - Early Black American Literature *(3)*

  The following are also options when the topic covers American Literature before 1920.

- ENGL 371 - Topics in American Literature *(3)*
- ENGL 380 - Topics in a Literary Period *(3)*
- ENGL 412 - Topics in Literature and Other Arts *(3)*
- ENGL 414 - Topics in Women Writers *(3)*
- ENGL 416 - Topics in Gender and Sexuality *(3)*
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)*
- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 465 - Topics in English *(1-3)*

Literature since 1900:

One course (3 credits) in literature since 1900. Courses that address American literature, literature of the British Isles and Commonwealth, world literature, or critical theory in the 20th or 21st centuries can be counted toward this requirement.

- ENGL 352 - Modern British Literature *(3)*
- ENGL 355 - Modern Fiction *(3)*
- ENGL 356 - Modern Poetry to 1930 *(3)*
- ENGL 357 - Modern Poetry since 1930 *(3)*
- ENGL 358 - Modern Drama to 1940 *(3)*
- ENGL 359 - Modern Drama since 1940 *(3)*
- ENGL 360 - Contemporary Literature *(3)*
- ENGL 364 - American Literature, 1912-1960's *(3)*
- ENGL 366 - Modern Black American Literature *(3)*
- ENGL 411 - Topics in Literary Theory *(3)*
- ENGL 414A - Major African American Women Writers *(3)*
- ENGL 416A - Literature and the Formation of Homosexuality *(3)*
- ENGL 417A - Literature of the Americas *(3)*
- ENGL 417B - Harlem in Vogue *(3)*

  The following are also options when the topic covers Literature since 1900.

- ENGL 380 - Topics in a Literary Period *(3)*

- ENGL 412 - Topics in Literature and Other Arts *(3)*
- ENGL 414 - Topics in Women Writers *(3)*
- ENGL 416 - Topics in Gender and Sexuality *(3)*
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)*
- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 465 - Topics in English *(1-3)*

Single Author or Film Auteur:

One course (3 credits) studying the work of a single author or film auteur.

- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 420 - Chaucer *(3)*
- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*
- ENGL 426 - Milton *(3)*

Constructions of Race:

One course (3 credits) focusing on constructions of race. Courses in literature and expressive culture by people of color and those that take race as a central conceptual category for critical examination can be counted toward this requirement. Courses in English-language linguistics that address language variation associated with race can also be counted toward this requirement.

- ENGL 365 - Early Black American Literature *(3)*
- ENGL 366 - Modern Black American Literature *(3)*
- ENGL 410 - Language Attitudes *(4)*
- ENGL 414A - Major African American Women Writers *(3)*
- ENGL 417B - Harlem in Vogue *(3)*

  The following are also options when topic covers Constructions of Race.

- ENGL 371 - Topics in American Literature *(3)*
- ENGL 380 - Topics in a Literary Period *(3)*
- ENGL 412 - Topics in Literature and Other Arts *(3)*
- ENGL 414 - Topics in Women Writers *(3)*
- ENGL 416 - Topics in Gender and Sexuality *(3)*
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)*
- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 465 - Topics in English *(1-3)*

Additional Information

English majors can count a maximum of nine credit hours in creative writing, expository writing, and English-language linguistics toward the major.

Major courses are chosen in consultation with a departmental advisor on the basis of the student's preparation, background, career expectations, and educational interests. The department encourages students to design a program of study that exposes them to a range of historical periods and critical approaches to literature. A sound major program should include, in addition to the

requisite courses in English, a coherent pattern of complementary courses in other departments and allied fields chosen in consultation with the advisor.

English, Minor

Required Credit Hours: 21

Methods (3 credits)

- ENGL 250 - Interpreting Literature *(3)*

Distribution (6 - 9 credits)

Literature before 1900 (3 credits)

- ENGL 311 - Epic and Romance *(3)*
- ENGL 314 - Old English *(3)*
- ENGL 315 - Beowulf *(3)*
- ENGL 316 - Arthurian Literature *(3)*
- ENGL 322 - Medieval Literature *(3)*
- ENGL 323 - The English Renaissance *(3)*
- ENGL 324 - The Early Seventeenth Century *(3)*
- ENGL 325 - English Renaissance Drama *(3)*
- ENGL 331 - English Literature, 1660-1744 *(3)*
- ENGL 332 - English Literature, 1744-1798 *(3)*
- ENGL 333 - The Novel to 1832 *(3)*
- ENGL 341 - The English Romantic Period *(3)*
- ENGL 342 - The Victorian Age *(3)*
- ENGL 343 - English Novel, 1832-1900 *(3)*
- ENGL 361 - American Literature to 1836 *(3)*
- ENGL 362 - The American Renaissance *(3)*
- ENGL 363 - American Literature, 1865-1920 *(3)*
- ENGL 365 - Early Black American Literature *(3)*
- ENGL 420 - Chaucer *(3)*
- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*
- ENGL 426 - Milton *(3)*
    - Relevant author courses and topics courses offered as ENGL 371, 380, 412, 414, 416, 417, 419, 465

Literature since 1900 (3 credits)

- ENGL 344 - The World Novel After 1832 *(3)*
- ENGL 352 - Modern British Literature *(3)*

- ENGL 355 - Modern Fiction *(3)*
- ENGL 356 - Modern Poetry to 1930 *(3)*
- ENGL 357 - Modern Poetry since 1930 *(3)*
- ENGL 358 - Modern Drama to 1940 *(3)*
- ENGL 359 - Modern Drama since 1940 *(3)*
- ENGL 360 - Contemporary Literature *(3)*
- ENGL 364 - American Literature, 1912-1960's *(3)*
- ENGL 366 - Modern Black American Literature *(3)*
- ENGL 414A - Major African American Women Writers *(3)*
- ENGL 416A - Literature and the Formation of Homosexuality *(3)*
- ENGL 417A - Literature of the Americas *(3)*
- ENGL 417B - Harlem in Vogue *(3)*
    - Relevant author courses and topics courses offered as ENGL 371, 380, 412, 414, 416, 417, 419, 465

Constructions of Race (3 credits)

May be satisfied in conjunction with the Literature before 1900 or Literature since 1900 requirements.

- ENGL 365 - Early Black American Literature *(3)*
- ENGL 366 - Modern Black American Literature *(3)*
- ENGL 414A - Major African American Women Writers *(3)*
- ENGL 417B - Harlem in Vogue *(3)*

Electives (9 - 12 credits)

- Students may count 3 credits in creative or expository writing at the 300 or 400 level towards the minor.
- Students may count 3 elective credits at the 200 level in English.
- Students may count 3 credits in English linguistics at the 300 or 400 level:
- ENGL/LING 303 - History of English Language OR
- ENGL/LING 308 - Language and Culture OR
- ENGL/LING 400 - Meaning & Understanding OR
- ENGL/LING 410 - Language Attitudes
- ENGL 475, Research Seminar, is encouraged but not required.

Course Descriptions

Creative Writing

CRWR 212 - Introduction to Creative Writing

Fall and Spring (3) Alexander, Ashworth, Castleberry, Johnson, Pease. (ACTV, GER 6)
Emphasizes the basics of writing fiction and poetry. No previous writing experience is required. Open to academic freshmen and academic sophomores with priority given to academic freshmen.

CRWR 212 - Introduction to Creative Writing

Fall and Spring (3) Alexander, Batten, Castleberry, Dacey, C. Johnson (ACTV, GER 6)
Emphasizes the basics of writing fiction and poetry. No previous writing experience is required. Open to academic freshmen and academic sophomores with priority given to academic freshmen.

CRWR 368 - Creative Writing: Fiction

Fall and Spring (3) Johnson, Pease
An opportunity for students to develop their abilities in imaginative writing of fiction under supervision. Sections limited to 15 students each.

CRWR 368 - Creative Writing: Fiction

Fall and Spring (3) Alexander, Castleberry, C. Johnson, Pinson, Schoenberger
An opportunity for students to develop their abilities in imaginative writing of fiction under supervision. Sections limited to 15 students each.

CRWR 369 - Creative Writing: Poetry

Fall and Spring (3) Hart
An opportunity for students to develop their abilities in imaginative writing of poetry under supervision. Sections limited to 15 students each.

CRWR 369 - Creative Writing: Poetry

Fall and Spring (3) Alexander, Hart, Pinson, Schoenberger
An opportunity for students to develop their abilities in imaginative writing of poetry under supervision. Sections limited to 15 students each.

CRWR 372 - Creative Writing: Nonfiction

Fall and Spring (3) Alexander, Castleberry, C. Johnson, Pinson, Schoenberger
An opportunity for students to develop their abilities in writing creative nonfiction and/or long-form journalism. Designed for students interested in feature writing for print and new media. Sections limited to 15 students each.

CRWR 372 - Creative Writing: Nonfiction

Fall and Spring (3) Castleberry, Johnson, Pease, Schoenberger
An opportunity for students to develop their abilities in writing creative nonfiction and/or long-form journalism. Designed for students interested in feature writing for print and new media. Sections limited to 15 students each.

CRWR 465 - Advanced Workshop: Special Topics

Fall and Spring (1-3) Staff Prerequisite(s): CRWR 368 or CRWR 369
Exploration of alternative and hybrid modes, genres, subjects, and themes in creative writing, such as children's literature, speculative fiction, writing for new media, parody, translation, travel writing, or life-writing. If there is no duplication of topic, may be repeated for credit.

CRWR 465 - Advanced Workshop: Special Topics

Fall and Spring (1-3) Staff Prerequisite(s): CRWR 368 or CRWR 369
Exploration of alternative and hybrid modes, genres, subjects, and themes in creative writing, such as children's literature, speculative fiction, writing for new media, parody, translation, travel writing, or life-writing. If there is no duplication of topic, may be repeated for credit.

CRWR 466 - Advanced Workshop in Creative Nonfiction

Fall (3) Johnson, Pease
An advanced workshop in writing creative nonfiction--including but not limited to the narrative essay, the personal essay, and memoir--for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 466 - Advanced Workshop in Creative Nonfiction

Fall (3) Alexander, C. Johnson, Pinson
An advanced workshop in writing creative nonfiction--including but not limited to the narrative essay, the personal essay, and memoir--for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 467 - Advanced Workshop in Fiction Writing

Fall (3) Johnson
An advanced workshop in writing narrative fiction, with emphasis on short fiction or the novella, for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit.

CRWR 467 - Advanced Workshop in Fiction Writing

Fall (3) Johnson
An advanced workshop in writing narrative fiction, with emphasis on short fiction or the novella, for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit.

CRWR 468 - Advanced Workshop in Fiction Writing

Fall and Spring (3) Johnson
An advanced workshop in writing narrative fiction for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 468 - Advanced Workshop in Fiction Writing

Fall and Spring (3) Castleberry, C. Johnson, Pinson
An advanced workshop in writing narrative fiction for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 469 - Advanced Workshop in Poetry Writing

Fall and Spring (3) Schoenberger
An advanced workshop in poetry writing for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 469 - Advanced Workshop in Poetry Writing

Fall and Spring (3) Hart, Pinson, Schoenberger
An advanced workshop in poetry writing for students of demonstrated promise and achievement. May be repeated once for credit.

CRWR 470 - Advanced Workshop in Poetry Writing

Spring (3) Staff
An advanced workshop in poetry writing for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit

CRWR 470 - Advanced Workshop in Poetry Writing

Spring (3) Staff
An advanced workshop in poetry writing for students of demonstrated promise and achievement. If there is no duplication of topic, may be repeated for credit

CRWR 471 - Advanced Workshop in Screenwriting

Fall and Spring (3) Castleberry, Schoenberger Prerequisite(s): CRWR 368 or CRWR 467 or CRWR 468 or permission of instructor.
An advanced workshop in writing the screenplay, with emphasis on three-act narrative structure, screenplay formatting, and viewing of contemporary and classic films. Sections limited to 15 students each. May be repeated once for credit.

CRWR 471 - Advanced Workshop in Screenwriting

Fall and Spring (3) Castleberry, Schoenberger Prerequisite(s): CRWR 368 or CRWR 467 or CRWR 468 or permission of instructor.
An advanced workshop in writing the screenplay, with emphasis on three-act narrative structure, screenplay formatting, and viewing of contemporary and classic films. Sections limited to 15 students each. May be repeated once for credit.

CRWR 476 - Visiting Writer Master Class

Fall or Spring (1-3) Writer in Residence Prerequisite(s): CRWR 368 or CRWR 369 or instructor permission
Intensive study of a special topic in creative writing with a distinguished writer-in-residence. Sections limited to 15 students each.

CRWR 476 - Visiting Writer Master Class

Fall or Spring (1-3) Writer in Residence Prerequisite(s): CRWR 368 or CRWR 369 or instructor permission
Intensive study of a special topic in creative writing with a distinguished writer-in-residence. Sections limited to 15 students each.

CRWR 482 - Independent Study in Creative Writing

Fall and Spring (1-3) Castleberry, Hart, Johnson, Pease, Pinson, Schoenberger Prerequisite(s): Must be a declared Creative Writing minor.
A tutorial on a topic agreed upon by the student and approved in advance by the departmental Undergraduate Program Committee. Normally open only to declared Creative Writing minors. Normally may be taken only once.

CRWR 482 - Independent Study in Creative Writing

Fall and Spring (1-3) Castleberry, Hart, Johnson, Pease, Pinson, Schoenberger Prerequisite(s): Must be a declared Creative Writing minor.
A tutorial on a topic agreed upon by the student and approved in advance by the departmental Undergraduate Program Committee. Normally open only to declared Creative Writing minors. Normally may be taken only once.

CRWR 495 - Honors

Fall (3) Staff
Honors study in Creative Writing comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors committee; and (c) oral examination in the field of the student's major interest. Students who have not completed ENGL 494 may be admitted only under exceptional circumstances. Creative Writing Honors students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). Creative Writing Honors involves the completion of a sustained project in creative writing. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CRWR 496 - Honors

Spring (3) Staff
Honors study in English comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors committee; and (c) oral examination in the field of the student's major interest. Students who have not completed may be admitted only under exceptional circumstances. Creative Writing Honors students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). Creative Writing Honors involves the completion of a sustained project in creative writing. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Expository Writing

WRIT 101 - Writing.

Fall and Spring (3) Zuber
Practice in writing under supervision, with frequent conferences. This course may be used to satisfy the lower-division writing requirement by students who are not exempted. Each section is limited to 16 students.

WRIT 101A - Writing for Non-Native Speakers

Fall and Spring (3) Alexander
For non-native speakers of English. Practice in writing under supervision, with frequent conferences. This course may be used to satisfy the lower-division writing requirement. Instructor permission required.

WRIT 367 - Advanced Expository Writing

Fall and Spring (3) Lowry, Melfi, Wenska, Zuber
Practice in writing papers of various types under supervision, emphasizing style and expository techniques. Sections limited to 15 students each. This course satisfies the Lower Division Writing Requirement.

WRIT 399 - Contemporary Theory and College Writing

Spring (2) Zuber
This course is designed to train students who have applied to work in the Writing Resources Center by analyzing the writing and speaking processes and the dynamics of one-on-one peer consultations.

WRIT 401 - Topics in Writing Professionally

Fall or Spring (1-3) Staff
Instruction in skills, practices, and styles for careers in writing. Topics may include editing and publishing, technical writing, business writing, and grant writing. If there is no duplication of topic, may be repeated for credit.

Linguistics

ENGL 220 - The Study of Language

Fall or Spring (4) Staff (College 200, CSI, GE3)
An introduction to linguistics, the scientific study of human language. Considers languages as structured systems of form and meaning, with attention also to the biological, psychological, cultural and social aspects of language and language use. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.) Cross-listed with LING 220 and ANTH 204.

ENGL 303 - History of English Language

Fall or Spring (3) Staff
A study of the history of the English language from Old English to the present. Some attention is given to contemporary developments in "World English." (Cross-listed with LING 303.)

ENGL 304 - Syntax

Fall or Spring (3) Staff Prerequisite(s): ENGL 220 or ANTH 204 or LING 220. *(GER 3)*
This introduction to syntax investigates the structures and operations underlying sentence formation. The course focuses on one linguistic model, with attention given to linguistic theory, alternative models and issues in syntax and semantics. (Cross-listed with LING 304.)

ENGL 307 - Phonetics and Phonology

Fall or Spring (3) Staff Prerequisite(s): ENGL 220 or ANTH 204 or LING 220. *(GER 3)*
A study of sound patterns and word-formation rules in English and other languages. Focus on analysis with some attention to theoretical issues. (Cross-listed with LING 307.)

ENGL 308 - Language and Culture

Fall or Spring (3) Staff Prerequisite(s): LING 220 or ENGL 220 or ANTH 204 or ANTH 220.
This course addresses the interrelations between language and culture, surveying the research topics and methods which constitute linguistic anthropology today. Cross-listed with LING 308 and ANTH 308.

ENGL 400 - Meaning & Understanding

Fall or Spring (3) Staff (GER 4A)
A critical approach to the history of Western thinking about meaning, understanding, language and mind: tracing the integration of these topics into Western cultural and intellectual traditions, from Classical Greece and Rome up to modern developments in 20th-century European and American thought. (Cross-listed with LING 400.)

ENGL 404 - Historical Linguistics

Fall or Spring (3) Staff Prerequisite(s): (ANTH 204 or ENGL 220 or LING 220) and (ENGL 307 or LING 307). *(GER 3)*
A study of the kinds of change which languages may undergo. Covers the nature and motivation of linguistic evolution, and the methods by which unattested early stages of known languages may be reconstructed. (Cross-listed with LING 404.)

ENGL 406 - Language and Society

Fall or Spring (3) Staff Prerequisite(s): (ANTH 204 or ENGL 220 or LING 220) and (ENGL 303 or LING 303 or ANTH 308 or ENGL 308 or LING 308). *(GER 3)*
A study of the place of language in society and of how our understanding of social structure, conflict and change affect our understanding of the nature of language. (Cross-listed with ANTH 413 and LING 406.)

ENGL 410 - Language Attitudes

Fall or Spring (4) Staff. Prerequisite(s): (ANTH 204 or ENGL 220 or LING 220) and (ENGL 303 or LING 303 or ENGL 406).
This seminar will examine the social, economic, and educational ramifications of language attitudes including: the linguistic

intersection of race, gender, and social class; comparisons of standardized and Standard English; and the role of linguistics in the formation of language policy. (Cross-listed with LING 410.)

ENGL 415 - Linguistic Anthropology

Fall or Spring (3) Staff. Prerequisite(s): (ANTH 204 or ENGL 220 or LING 220) and (ANTH 308 or ENGL 308 or LING 308). *(CSI, GER 3)*
This course will introduce students to the history and theories of linguistic anthropology with emphasis on North American languages. Students will approach these subjects through readings, class discussions and problem sets. (Cross-listed with ANTH 415 and LING 415.)

ENGL 418 - Language: Types & Universals

Fall or Spring (3) Staff. Prerequisite(s): (ANTH 204 or ENGL 220 or LING 220). *(CSI)*
A survey of common patterns and constructions in language ranging from word order to case, agreement, voice, aspect, relative clauses, interrogation and negation. Major themes include the unity and diversity of language and the techniques used to measure it. (Cross-listed with ANTH 418 and LING 418.)

ENGL 440 - Linguistic Field Methods

Fall or Spring (4) Staff Prerequisite(s): (ENGL 304 or LING 304) and (ENGL 307 or LING 307) and (ANTH 418 or ENGL 418 or LING 418). *(CSI, GER 3)*
In this advanced linguistics course, students work closely with a speaker of another language to discover the structure of that language and to describe different aspects of its grammar: phonetics, phonology, morphology, and syntax. (Cross-listed with ANTH 440 and LING 440.)

Literature

ENGL 100 - Critical Questions in English

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in English for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

ENGL 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in English. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion. Sample topics might include the Roaring Twenties in Literature and Film; Tolkien and His Circle; Material Girls; Haunted Houses; Shakespeare and Jealousy.

ENGL 200 - Interdisciplinary Approaches to Literature and Culture

Fall and Spring (3) Staff
An interdisciplinary course focused on the study of literature and other texts that also views these texts
within their cultural or social worlds and/or relates them to the study of the natural world. Topics will vary and may include Utopia in America; Animal Dreams; Constructions of Crime. Whatever the topic, the course considers the relationship between English and the other disciplines of the liberal arts, as well as their practices and methodologies. If there is no duplication of topic, may be repeated for credit.

ENGL 203 - British Literature I

Fall and Spring (3) Blank, Conlee, Hagedorn, Minear, A. Potkay, M. Potkay, Webster (ALV, GER 5)
A survey of British literature of the Middle Ages and Renaissance, required for the English major. The course covers narrative, dramatic, and lyric poetry, including works by Chaucer, Spenser, Shakespeare, and Milton.

ENGL 204 - British Literature II

Fall and Spring (3) Melfi, Morse, A. Potkay, Raitt, Wheatley, Wilson (ALV, GER 5)
A survey of British literature from 1675-1900, required for the English major. The course includes Augustan satire, Romantic and Victorian poetry, and the Victorian novel.

ENGL 205 - An Introduction to Shakespeare

Fall and Spring (3) Blank, Minear (ALV, GER 5)
A general introduction to Shakespeare's major poetry and plays. Students will read eight to ten plays, chosen to reflect the major

periods in Shakespeare's dramatic development, and some poetry, especially the sonnets. (It is suggested that students have previously taken English 203 or another 200-level course, or have AP credit for 210.)

ENGL 207 - American Literature: Themes and Issues

Fall and Spring (3) Braxton, Dawson, Donaldson, Kennedy, Knight, Lowry, Pinson, Putzi, Scholnick, Thompson, Zuber (ALV, GER 5)
An introduction to American literature through an analysis of major continuing themes, such as the meaning of freedom; literature and the environment; urban-rural dichotomies.

ENGL 209 - Critical Approaches to Literature

Fall and Spring (3) Wenska (GER 5)
An introduction to important critical approaches to literature such as traditional (historical/biographical, moral/ philosophical), formalist, psychological, archetypal and feminist. (Appropriate for students intending to major in English or having AP credit for English 210.)

ENGL 210 - Topics in Literature

Fall and Spring (3-4) Staff (Most topics will fulfill GER 5)
An introduction to a topic in literature, or in literature and another discipline, designed for non-majors. If there is no duplication of topic, may be repeated for credit.

ENGL 211 - Literature Transformed

Fall (3) (ALV)
An introduction to the study of relations between works of literature and other media. Topics may include adaptation and revision; books made into films and vice versa; literature and music or the visual arts; or storytelling in newer media including graphic novels, videogames, and electronic literature.

ENGL 213 - Iconic Authors

Fall (3) (ALV)
An introduction to the major works of one or more celebrated, influential writers. Subjects may include Jane Austen, Edgar Allan Poe, Charles Dickens, Mark Twain, Ernest Hemingway, or Toni Morrison. (Courses that satisfy the Single Author requirement for the English major appear at the 400 level.)

ENGL 214 - One Good Book

Fall (3) (ALV)
A study of a single major work whose depth and complexity reward a semester-long immersion. Subjects may include Melville's Moby-Dick, Dickens's David Copperfield, George Eliot's Middlemarch, Joyce's Ulysses, T.S. Eliot's The Waste Land, Ellison's Invisible Man, Pynchon's Gravity's Rainbow, or Wallace's Infinite Jest.

ENGL 215 - Popular Genres

Fall or Spring (3) Staff (ALV)
An introduction to popular literature and "genre fiction." Topics may include detective stories, Arthurian romance, Gothic and supernatural fiction, children's fantasy literature, Westerns, science fiction/speculative fiction, or pulp fiction.

ENGL 230 - Topics in Modern English

Fall or Spring (1 - 4) Staff
An exploration of aspects of the English language used currently. Topics may include African American English and linguistic discrimination; "standard" and "nonstandard" English(es) in American, British, and global, colonial, and imperial contexts, and their implications for culture, society, and policy; slang, jargon, new words, and new usages; obscenity and hate speech. Courses may include community-based research. Courses do not presume any previous coursework in linguistics.

ENGL 250 - Interpreting Literature

Fall and Spring (3) Staff
In this course students develop the skills necessary for college-level literary analysis. Students will practice close reading and critical writing informed by various interpretive models. Course readings will include four to six primary literary texts selected from different historical periods, genres, traditions, and perspectives.

ENGL 310 - Literature and the Bible

Spring (3) A. Potkay, M. Potkay (ALV, GER 5)
This course introduces students to the principal biblical narratives, their historical contexts, and the ways they have been interpreted by Western authors. Readings from the King James version of the Bible will include the major books of the Old and New Testaments. Lectures will examine the literary qualities of the biblical texts and the artistic traditions associated with them.

ENGL 311 - Epic and Romance

Fall (3) Hagedorn
A study of the development of these major genres, with illustrative works drawn from ancient, medieval and Renaissance periods; includes English and Continental authors.

ENGL 314 - Old English

Fall (3) M. Potkay
An introduction to Old English, including elementary grammar and phonology and the reading of prose and short poems; collateral readings in the history and culture of the period.

ENGL 315 - Beowulf

Spring (3) M. Potkay Prerequisite(s): ENGL 314.
An intensive study of the text in Old English, with the aim of understanding Beowulf as a great work of literature. Emphasis is placed on the structure and the themes of the poem. Collateral readings in recent criticism.

ENGL 316 - Arthurian Literature

Spring (3) Conlee, Hagedorn, M. Potkay
A study of selected works from the Arthurian literary tradition. Major emphasis is upon authors from the medieval period (e.g., Geoffrey of Monmouth, Chrétien de Troyes and Malory), but some attention is also given to Arthurian literature in the 19th and 20th centuries.

ENGL 322 - Medieval Literature

Fall and Spring (3) Conlee, Hagedorn, M. Potkay
A survey of selected major works and other representative examples of Old and Middle English literature, exclusive of Chaucer. The course explores the development of typical medieval attitudes and themes in a variety of literary forms and genres.

ENGL 323 - The English Renaissance

Fall (3) Blank
A survey of the poetry, prose and drama of Tudor England, including selected works of More, Sidney, Spenser, Marlowe, and Shakespeare.

ENGL 324 - The Early Seventeenth Century

Fall and Spring (3) Minear, Webster
A survey of poetry, prose and drama from John Donne and Ben Jonson to 1660, including early poems of Milton and Marvell.

ENGL 325 - English Renaissance Drama

Fall (3) Minear
A study of the dramatic literature written by Shakespeare's contemporaries, including Dekker, Kyd, Marlowe, Jonson, Tourneur, and Webster.

ENGL 331 - English Literature, 1660-1744

Fall (3) A. Potkay, Wilson
A survey including poetry, fiction and drama. Some attention to arts related to literature. Emphasis on comedy and satire. Major figures studied include the Earl of Rochester, Dryden, Swift, Pope, Gay, and Fielding.

ENGL 332 - English Literature, 1744-1798

Spring (3) A. Potkay, Wilson
A survey of the poetry and prose of the period, with special attention to the intellectual/historical contexts. Major figures studied include Johnson, Gray, Hume, Gibbon, Smart, and Blake.

ENGL 333 - The Novel to 1832

Fall (3) A. Potkay, Wilson
This course studies selected British and Continental novels from the early modern through Romantic periods, drawing upon authors such as Cervantes, Defoe, Fielding, Sterne, Rousseau, Goethe, Austen, and Scott.

ENGL 341 - The English Romantic Period

Fall (3) A. Potkay, Wheatley
A survey of poetry, prose and fiction of the period between 1798 and 1832, with special attention to the works of the major Romantic poets.

ENGL 342 - The Victorian Age

Spring (3) Joyce,
A survey of major writers during the reign of Victoria. Emphasis is on social and intellectual issues as expressed primarily by leading poets and essayists from Carlyle to Hardy.

ENGL 343 - English Novel, 1832-1900

Spring (3) Joyce, Melfi, Morse, Raitt
Novels by Charlotte and Emily Bronte, Dickens, Trollope, Gaskell, Eliot and Hardy are studied as primary examples of the nature and development of the English novel during the Victorian period.

ENGL 344 - The World Novel After 1832

Spring (3) Begley, A. Potkay
A study of selected novels written mostly by authors who are not Anglo-American. Focus of readings will vary from year to year (e.g., history of the genre; 19th-century Europe; postcolonialism).

ENGL 352 - Modern British Literature

Fall and Spring (3) Burns, Joyce, Melfi
A survey from the end of the Victorian era through at least the post- World War II period. Selected works by such writers as Conrad, Yeats, Joyce, Lawrence, Woolf, and Thomas are emphasized.

ENGL 355 - Modern Fiction

Fall and Spring (3) Kennedy, Melfi
Reading, analysis and discussion of the principal American and British fiction writers from 1890 to the present, chosen to illustrate contemporary tendencies in matter and technique.

ENGL 356 - Modern Poetry to 1930

Fall (3) Hart, MacGowan
Development of modern British and American poetry from transitional poets Hopkins, Housman and Hardy through the first generation modernist poets. Reading, interpretation and discussion, with emphasis on Yeats, Pound, Eliot, Lawrence, Williams, and Stevens.

ENGL 357 - Modern Poetry since 1930

Spring (3) Hart, MacGowan
Development of modern British and American poetry from second-generation modernist poets through confessional and contemporary poets. Reading, interpretation and discussion, with emphasis on Auden, Thomas, Roethke, Lowell, Plath, and Berryman.

ENGL 358 - Modern Drama to 1940

Fall (3) Begley
Survey of modern drama which traces the historical development of character against the theories of Darwin, Marx, Nietzsche and Freud. Students read plays by Ibsen, Strindberg, Hauptmann, Chekhov, Rostand, Shaw, Pirandello, O'Neill and Brecht, in conjunction with acting treatises.

ENGL 359 - Modern Drama since 1940

Spring (3) Begley
Survey of modern and contemporary drama that examines textual and performative representations of Being. Students read plays by Sartre, Genet, Ionesco, Beckett, Weiss, Baraka, Soyinka, Shange, Churchill, and Kushner, in conjunction with critical readings on artistic and philosophical movements.

ENGL 360 - Contemporary Literature

Fall and Spring (3) Burns, Castleberry, Gray, K. Johnson, Kennedy, Knight, Schoenberger, Losh, Thompson
A survey of contemporary literature, including such movements as confessional and beat poetry, theater of the absurd, postmodernism and magic realism.

ENGL 361 - American Literature to 1836

Fall (3) Putzi, Sawaya
A survey from Columbus to Poe, emphasizing the Puritan/ Enlightenment backgrounds of such writers as Bradford, Bradstreet, Taylor, Edwards, Franklin, Brown, and Freneau.

ENGL 362 - The American Renaissance

Fall and Spring (3) Barnes, Putzi, Scholnick, Wenska
A survey of the mid-19th century, emphasizing the writers of the Concord Group, Emerson, Hawthorne, Melville, Whitman, and Dickinson.

ENGL 363 - American Literature, 1865-1920

Fall and Spring (3) Dawson, Donaldson, Lowry, Putzi, Sawaya, Thompson
A survey from the Gilded Age to the end of the First World War, emphasizing such writers as Mark Twain, Howells, James, Stephen Crane, Norris, Dreiser, and the Regionalists.

ENGL 364 - American Literature, 1912-1960's

Fall and Spring (3) Dawson, Donaldson, MacGowan, Pinson, Weiss, Wenska
A survey from the rise of the modernist poets and the Lost Generation to the 1960s, emphasizing such writers as Pound, Eliot, W. C. Williams, Hemingway, Fitzgerald, Faulkner, O'Connor, Lowell, and Plath.

ENGL 365 - Early Black American Literature

Fall (3) Braxton, Lott, Pinson, Weiss
Survey of Black American literature and thought from the colonial period through the era of Booker T. Washington, focusing on the ways in which developing African American literature met the challenges posed successively by slavery, abolition, and emancipation. (Cross listed with AFST 365.)

ENGL 366 - Modern Black American Literature

Spring (3) Braxton, Pinson, Weiss
Survey of African American literature from the 1920s through the contemporary period. Issues addressed include the problem of patronage, the "black aesthetic," and the rise of black literary theory and "womanist" criticism. (Cross listed with AFST 366.)

ENGL 371 - Topics in American Literature

Fall and Spring (3) Staff
Advanced study of a specific topic in American literature. If there is no duplication of topic, may be repeated for credit.

ENGL 380 - Topics in a Literary Period

Fall and Spring (3) Staff
In-depth study of a specific topic from within or across the traditional historical periods of British or American literature. If there is no duplication of topic, may be repeated for credit. 400-level: Thematic and theoretical courses in literature; single-author courses, senior research seminars, independent studies, and honors classes

ENGL 411 - Topics in Literary Theory

Fall and Spring (3) Staff
Topics in theory, exploring questions of aesthetics, the history of the study of literature, literature's function as representation, its relationship to the world and to other disciplines. Topics vary but may include contemporary literary theory, psychoanalysis, and postmodernism. If there is no duplication of topic, may be repeated for credit.

ENGL 411A - Theory of Literature

Fall (3) Staff
A study of the major attempts to identify and define the nature of literature, our responses to it and its relation to life and to the other arts. The emphasis is on modern and contemporary literary theory, but with some concern for the historical tradition.

ENGL 412 - Topics in Literature and Other Arts

Fall and Spring (3) Staff
Exploration of the intersections among written, visual, and/ or performing arts. Topics vary from semester to semester but may include Shakespeare and Film, art and literature of the Harlem Renaissance, and race, representation, and arts in the U.S. South. If there is no duplication of topic, may be repeated for credit.

ENGL 414 - Topics in Women Writers

Fall and Spring (3) Staff
Study of fiction, non-fiction, and/or poetry by selected women writers. Topics vary from semester to semester but may include British women writers, medieval women writers, contemporary women writers. If there is no duplication of topic, may be repeated for credit.

ENGL 414A - Major African American Women Writers

Spring (3) Braxton, Pinson
This course studies the fiction and non-fiction of major African American women writers such as Toni Morrison, Alice Walker, and Gloria Naylor. Some attention to black feminist/ womanist and vernacular theoretical issues through selected critical readings. (Cross listed with AFST 414.)

ENGL 416 - Topics in Gender and Sexuality

Fall and Spring (3) Staff
Courses that address literary and/or theoretical treatments of gender and sexuality. Topics vary from semester to semester and may include issues such as sexual identity, queer theory, feminist criticism, masculinity studies and literature and the formation of sexual identity. If there is no duplication of topic, may be repeated for credit.

ENGL 416A - Literature and the Formation of Homosexuality

Spring (3) Joyce
A study of the homosexual tradition and the formation of sexual identity in 19th-20th-century British and American literature. Authors read include Oscar Wilde, E. M. Forster, Willa Cather, Thomas Mann, Christopher Isherwood, Sigmund Freud and Michel Foucault.

ENGL 417 - Topics in Race, Ethnicity, and Nationality

Fall and Spring (3) Staff
Study of literature focusing on changing cultural definitions of race, ethnic identity, and the shaping of (and rationale for) national literatures. Topics will vary but may include comparative and cross-cultural studies. If there is no duplication of topic, may be repeated for credit.

ENGL 417A - Literature of the Americas

Spring (3) Thompson
A study of works that extend the definition of "American" literature beyond the national boundaries of the United States. Focus of readings will vary from year to year (e.g., Caribbean literature, U.S./Latin American literary relations, multiculturalism).

ENGL 417B - Harlem in Vogue

Fall (3) Braxton, Pinson, Weiss
Exploration of the 1920s movement known as the Harlem Renaissance, focusing on the ways race, gender/sexuality, and class informed the artists' construction of identity. Writings by Hughes, Hurston, Larsen, Toomer, among others; some attention to visual art and music. (Cross listed with AFST 417.)

ENGL 419 - Study of a Single Author or Auteur

Fall and Spring (3) Staff
In-depth study of a single author or auteur. Topics vary from semester to semester but may include Jane Austen, Charles Dickens, William Faulkner, Oscar Wilde, Orson Welles. If there is no duplication of topic, may be repeated for credit.

ENGL 420 - Chaucer

Fall (3) Conlee, Hagedorn
A study of The Canterbury Tales and Troilus and Criseyde as expressions of Chaucer's art. Emphasis is placed on the narrative and dramatic features of the poetry as vehicles for the presentation of medieval attitudes and themes.

ENGL 421 - Shakespeare History and Comedy

Fall and Spring (3) Blank, Minear
A study of the major history plays, including consideration of Renaissance political theory, and of the forms and conventions of Shakespearean comedy.

ENGL 422 - Shakespeare Tragedy

Fall and Spring (3) Blank, Minear
A study of approximately 12 tragedies, with emphasis on Shakespeare's development as a verse dramatist. Special attention is given to the nature of tragedy.

ENGL 426 - Milton

Spring (3) Minear, Webster
A study of the major poetry and prose, with emphasis on Paradise Lost and the theological and literary traditions behind the poem.

ENGL 465 - Topics in English

Fall and Spring (1-3) Staff
Exploration of a topic in literature, language, or in the relations between English and other disciplines. If there is no duplication of topic, may be repeated for credit.

ENGL 475 - Research Seminar in English

Fall and Spring (4) Staff
Study in depth of a specialized literary topic. Students write and present research papers for critical discussion. Non-majors may enroll upon consent of the department chair. If there is no duplication of topic, may be repeated for credit.

ENGL 480 - Independent Study in English

Fall and Spring (1-3) Staff Prerequisite(s): Student must have at least a 3.0 in English.
A tutorial on a topic agreed upon by the student and instructor and approved in advance by the departmental Undergraduate Program Committee. Normally open only to majors who have completed at least 18 credits towards the major. Normally may be taken only once.

ENGL 494 - Junior Honors Seminar

Spring (4) Wilson
Study in depth of a specialized literary topic, emphasizing student discussion and the preparation of critical papers. This course is restricted to majors planning to enroll in senior Honors. Students are admitted by the departmental Honors Committee.

ENGL 495 - Honors

Fall, Spring (3) Staff
Honors study in English comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors Committee; and (c) oral examination in the field of the students major interest. Students who have not completed ENGL 494 may be admitted only under exceptional circumstances. Creative Writing Honors students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). These three courses must be completed by the end of the junior year. Students not taking ENGL 494 need to take ENGL 475 by the end of the senior year. Creative Writing Honors involves the completion of a sustained project in creative writing. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

ENGL 496 - Honors.

Fall, Spring (3) Staff
Honors study in English comprises (a) supervised reading in the field of the student's major interest; (b) presentation two weeks before the last day of classes of the student's graduating semester of an Honors essay or a creative writing project upon a topic approved by the departmental Honors Committee; and (c) oral examination in the field of the students major interest. Students who have not completed ENGL 494 may be admitted only under exceptional circumstances. Creative Writing Honors students may substitute for ENGL 494 either three 300- and/or 400-level Creative Writing courses, or two 300- and/or 400-level Creative Writing courses and a Creative Writing Independent Study (the project of the Independent Study must be different from the proposed Honors project). These three courses must be completed by the end of the junior year. Students not taking ENGL 494 need to take ENGL 475 by the end of the senior year. Creative Writing Honors involves the completion of a sustained project

in creative writing. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

ENGL 498 - Internship

Fall, Spring 1-3 Staff Prerequisite(s): Student must have at least a 3.0 in English.
Must be approved in advance on a case-by-case basis by the departmental Undergraduate Program Committee and the Office of the Dean of Undergraduate Studies. Normally open only to majors who have completed at least 18 credits towards the major. Note: Normally may be taken only once. Graded pass/ fail.

Environmental Science and Policy [Back to Table of Contents]

Faculty

Advisory Committee

A. Fisher (Director, History), **Adkins** (Business), **Butler** (Law), **Hale** (VIMS)**, Hicks** (Economics)**, Kaste** (Geology), **Kaup** (Sociology), **Matkins** (Education), **Swaddle** (Biology).

Courtesy Assistant Professor

DeBerry

The Environmental Science and Policy Program

The environmental problems that threaten the planet on which our society depends are complex, requiring us to integrate insights across the disciplines. Because of the interdisciplinary nature of these problems, students pursuing careers in the environment require significant breadth of training in the natural and social sciences and the humanities. At the same time, students must have an area of expertise, and so should develop effective skills based on depth of training in a specific area. In light of the need for an appropriate balance between breadth and depth of training, the Environmental Science and Policy (ENSP) program has been designed as a secondary major and a minor, each to be pursued in conjunction with a primary major in a complementary subject field. Every ENSP major/minor must major in another discipline.

The Environmental Science and Policy major provides breadth in basic course work as well as familiarization with the specific scientific and social considerations related to a wide range of environmental issues. Participation in the program requires an initial consultation with the Director, and a formal declaration of major no later than the second semester of the junior year. Students pursuing a primary major in Biology, Chemistry, Geology, Physics, or other natural science field will normally have their secondary major designated as Environmental Science and they will receive the Bachelor of Science (B.S.) degree. Others--often students pursuing a primary major in Economics, Global Studies, Government, International Relations, Public Policy, or Sociology--will receive a Bachelor of Arts (B.A.) with an Environmental Policy designation. There are two slightly different programs for the B.A. and B.S. majors: the Science Track and the Policy Track.

There are no formal restrictions on the primary major pursued in conjunction with the Environmental Science and Policy major. However, the primary should both supplement and complement the student's environmental training, while providing the necessary additional depth. Therefore, students are expected to develop a program with an appropriate rationale based on interconnections among subjects as well as the student's long-term career interests. Two courses may be counted toward both majors; therefore, depending on the primary major, the number of additional courses required to complete the Environmental Science and Policy major may total less than 36 hours.

For both the B.A. and B.S., limited substitution of other courses for some of these requirements may be possible with the approval of the Director. In addition to the required work, various other courses as well as non-classroom training (such as internships, research projects with faculty, participation in study abroad programs, or off-campus study and research, such as participation in an REU program) are strongly recommended.

For advice, further information, updates, and additional descriptive material, contact the Director (Prof. Andrew Fisher, History Dept., ahfis2@wm.edu) and visit www.wm.edu/environment.

Programs

Environmental Science and Policy, Minor

Required Credit Hours: 20

Core Requirements:

- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Five Credits of:

ENSP 200-250, including one ENSP 200-249 course (or INTR 204) and at least one ENSP 250 seminar.

Three Courses, At Least One From Each Group:

(at least 9 credits total)

Natural Sciences Course with Field Laboratory Component:

- BIOL 416 - Ornithology *(4)*
- BIOL 417 - Population and Community Ecology *(4)*
- BIOL 426 - Aquatic Ecology *(4)*
- BIOL 427 - Wetland Ecosystems *(4)*
- GEOL 314 - Watershed Dynamics *(4)*
- GEOL 315 - Hydrology *(4)*
- GEOL 316 - Environmental Geochemistry *(3)*
- GEOL 320 - Earth Surface Processes *(4)*
- Or other approved course [all of the courses listed require some form of introductory biology or geology course as a prerequisite]

Environmental Policy/Sociology:

- ECON 322 - Environmental and Natural Resource Economics *(3)*

  [ECON 101 is a prerequisites for this course]
- GOVT 322 - Global Environmental Governance *(3)*
- GOVT 491 - Seminar: Topics in Government *(4)*
- SOCL 308 - Environmental Sociology *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- ANTH 315 - Environmental Archaeology *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*
- HISP 360 - Cultural Constructions of the Environment in Latin America *(3)*
- HIST 226 - The American West since 1890 *(3)*
- HIST 490C - Capstone Seminar *(4)*
- Or other approved course

Ethics:

- ENSP 302 - Philosophic History of American Environmentalism *(3)*
- ENSP 303 - Issues in Environmental Ethics *(3)*
- ENSP 305 - Feminist Women Activists for Developing India *(3)*
- ENSP 210 - The Ethics of Sustainability: Beyond Environmentalism *(3)*
- ENSP 211 - The Ethics of Globalization and Sustainability *(3)*

- KINE 393 - Health Ethics *(3)*
- RELG 321 - Ecology and Ethics *(3)*
- or other approved course

Capstone experience: (3 credits)

- ENSP 440 - Special Topics in Environmental Science and Policy. *(1-4)*
- ENSP 490 - Independent Research *(1-3)*
- ENSP 495 - Honors *(3, 3)*
- ENSP 496 - Honors *(3, 3)*
- ENSP 498 - Internship *(1-3)*
- ENSP 499 - Internship *(1-3)*
- or other approved capstone experience with permission of the Director

Additional Courses for Major or Minor in Environmental Science and Policy

The following is a sample listing of courses that may be credited toward the major or minor. Not all of these courses are offered every semester, and additional courses may qualify for Environmental Science and Policy credit. Please consult with the Director of Environmental Science and Policy, for information.

- GEOL 305 - Environmental Geology *(3)*
- GEOL 312 - Global Climate Change *(3)*

- GEOL 330 - Introduction to Marine Science *(3)* or
- BIOL 230 - Introduction to Marine Science *(3)* or
- MSCI 330 - Introduction to Marine Science *(3)*

- GOVT 381 - Human Geography *(3)*
- GOVT 384 - The Geography of Latin America and the Caribbean *(3)*
- INTR 204 - GIS In the Earth and Environmental Sciences *(3)*
- LAW 424 Environmental Law
- LAW 425 Land Use Control

Environmental Science and Policy, Policy Track, BA

Required Credit Hours: 36

Major Computing Requirement:

The 400-level courses satisfy the Major Writing and Computer Proficiency Requirements by achieving a grade of at least C-.

Major Writing Requirement:

The 400-level courses satisfy the Major Writing and Computer Proficiency Requirements by achieving a grade of at least C-.

Core Requirements Common to Both Science and Policy Tracks:

- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Additional Credits:

- At least five credits of ENSP 200-250, including one ENSP 200-249 course (or INTR 204) and at least one ENSP 250 seminar.

Natural Science Course with Field Laboratory Component:

- BIOL 416 - Ornithology *(4)*
- BIOL 417 - Population and Community Ecology *(4)*
- BIOL 426 - Aquatic Ecology *(4)*
- BIOL 427 - Wetland Ecosystems *(4)*
- GEOL 314 - Watershed Dynamics *(4)*
- GEOL 315 - Hydrology *(4)*
- GEOL 316 - Environmental Geochemistry *(3)*
- GEOL 320 - Earth Surface Processes *(4)*
- Or other approved course

Environmental Ethics:

- ENSP 302 - Philosophic History of American Environmentalism *(3)*
- ENSP 303 - Issues in Environmental Ethics *(3)*
- ENSP 305 - Feminist Women Activists for Developing India *(3)*
- ENSP 210 - The Ethics of Sustainability: Beyond Environmentalism *(3)*
- ENSP 211 - The Ethics of Globalization and Sustainability *(3)*
- KINE 393 - Health Ethics *(3)*
- RELG 321 - Ecology and Ethics *(3)*
- Or other approved course

Other Environmental Humanities or Arts:

- ANTH 315 - Environmental Archaeology *(3)*
- ARTH 330 - Topics in Art History *(1-4)*
- ARTH 477 - Representation of Nature in Asian Art *(3)*
- ARTH 489 - Topics in Art History *(1-3)*
- ENGL 362 - The American Renaissance *(3)*
- ENGL 380 Imagining Rural England *(3)*
- ENGL 465 African American Nature Writing *(3)*
- HISP 360 - Cultural Constructions of the Environment in Latin America *(3)*
- HIST 226 - The American West since 1890 *(3)*
- HIST 490C Native Americans and Nature *(4)*
- Or other approved course

Public Policy:

- GOVT 350 - Introduction to Public Policy *(3)*

Environmental Capstone Experience:

- ENSP 440 - Special Topics in Environmental Science and Policy. *(1-4)*
- ENSP 490 - Independent Research *(1-3)*
- ENSP 495 - Honors *(3, 3)*
- ENSP 496 - Honors *(3, 3)*
- ENSP 498 - Internship *(1-3)*
- ENSP 499 - Internship *(1-3)*
- Or other approved capstone experience with permission of the Director

Additional Requirements for Environmental Policy (the Policy Track):

Two Additional Courses in the Natural Sciences

One from each category.

Foundation in Natural Science:

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)* or
- GEOL 110 - Earth's Environmental Systems: Physical Geography *(3)* or
- GEOL 101 - The Dynamic Earth: Physical Geology *(3)*

Foundation in Chemistry:

- CHEM 101 - Chemistry, Energy, & Environment *(3)* or
- CHEM 103 - General Chemistry I *(3)*

Two Required Courses in Social Sciences

One from each category.

Environmental Economics:

- ECON 322 - Environmental and Natural Resource Economics *(3)*

  [ECON 101 is a prerequisite for this course] or
- Other approved course

Politics and Sociology:

- SOCL 308 - Environmental Sociology *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*
- GOVT 322 - Global Environmental Governance *(3)*
- GOVT 491 - Seminar: Topics in Government *(4)*
- Or other approved course

Additional Courses for Major or Minor in Environmental Science and Policy

The following is a sample listing of courses that may be credited toward the major or minor. Not all of these courses are offered every semester, and additional courses may qualify for Environmental Science and Policy credit. Please consult with the Director of Environmental Science and Policy, for information.

- GEOL 305 - Environmental Geology *(3)*
- GEOL 312 - Global Climate Change *(3)*

- GEOL 330 - Introduction to Marine Science *(3)* or
- BIOL 230 - Introduction to Marine Science *(3)* or
- MSCI 330 - Introduction to Marine Science *(3)*

- GOVT 381 - Human Geography *(3)*
- GOVT 384 - The Geography of Latin America and the Caribbean *(3)*
- INTR 204 - GIS In the Earth and Environmental Sciences *(3)*
- LAW 424 Environmental Law
- LAW 425 Land Use Control

Environmental Science and Policy, Science Track, BS

Required Credit Hours: 36

Major Computing Requirement:

The 400-level courses satisfy the Major Writing and Computer Proficiency Requirements by achieving a grade of at least C-.

Major Writing Requirement:

The 400-level courses satisfy the Major Writing and Computer Proficiency Requirements by achieving a grade of at least C-.

Core Requirements Common to Both Science and Policy Tracks:

- ENSP 101 - Introduction to Environmental Science and Policy *(3)*

Additional Credits:

- At least five credits of ENSP 200-250, including one ENSP 200-249 course (or INTR 204) and at least one ENSP 250 seminar.

Natural Science Course with Field Laboratory Component:

- BIOL 416 - Ornithology *(4)*
- BIOL 417 - Population and Community Ecology *(4)*
- BIOL 426 - Aquatic Ecology *(4)*
- BIOL 427 - Wetland Ecosystems *(4)*
- GEOL 314 - Watershed Dynamics *(4)*
- GEOL 315 - Hydrology *(4)*
- GEOL 316 - Environmental Geochemistry *(3)*
- GEOL 320 - Earth Surface Processes *(4)*
- Or other approved course

Environmental Ethics:

- ENSP 302 - Philosophic History of American Environmentalism *(3)*
- ENSP 303 - Issues in Environmental Ethics *(3)*
- ENSP 305 - Feminist Women Activists for Developing India *(3)*
- ENSP 210 - The Ethics of Sustainability: Beyond Environmentalism *(3)*
- ENSP 211 - The Ethics of Globalization and Sustainability *(3)*
- KINE 393 - Health Ethics *(3)*
- RELG 321 - Ecology and Ethics *(3)*
- Or other approved course

Other Environmental Humanities or Arts:

- ANTH 315 - Environmental Archaeology *(3)*
- ARTH 330 - Topics in Art History *(1-4)*
- ARTH 477 - Representation of Nature in Asian Art *(3)*
- ARTH 489 - Topics in Art History *(1-3)*
- ENGL 362 - The American Renaissance *(3)*
- ENGL 380 Imagining Rural England *(3)*
- ENGL 465 African American Nature Writing *(3)*
- HISP 360 - Cultural Constructions of the Environment in Latin America *(3)*
- HIST 226 - The American West since 1890 *(3)*
- HIST 490C Native Americans and Nature *(4)*
- Or other approved course

Public Policy:

- GOVT 350 - Introduction to Public Policy *(3)*

Environmental Capstone Experience:

- ENSP 440 - Special Topics in Environmental Science and Policy. *(1-4)*
- ENSP 490 - Independent Research *(1-3)*
- ENSP 495 - Honors *(3, 3)*
- ENSP 496 - Honors *(3, 3)*
- ENSP 498 - Internship *(1-3)*
- ENSP 499 - Internship *(1-3)*
- Or other approved capstone experience with permission of the Director

Additional Requirements for Environmental Science (the Science Track):

Three additional courses in the Natural Sciences. One from each category.

Foundation in Biology/Ecology:

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)*

Foundation in Geology:

- GEOL 110 - Earth's Environmental Systems: Physical Geography *(3)* (preferred) or
- GEOL 101 - The Dynamic Earth: Physical Geology *(3)*

Foundation in Chemistry:

- CHEM 206 - Organic Chemistry I *(3)*
- CHEM 308 - General Chemistry II for Life Sciences *(3)*

  [CHEM 103 - General Chemistry I and 151 General Chemistry I Lab are prerequisites for these courses]

One Additional Course in Social Sciences:

- ECON 322 - Environmental and Natural Resource Economics *(3)* [ECON 101 is a prerequisites for this course]
- SOCL 308 - Environmental Sociology *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*
- GOVT 322 - Global Environmental Governance *(3)*
- GOVT 491 - Seminar: Topics in Government *(4)*
- Or other approved course

Additional Courses for Major or Minor in Environmental Science and Policy

The following is a sample listing of courses that may be credited toward the major or minor. Not all of these courses are offered every semester, and additional courses may qualify for Environmental Science and Policy credit. Please consult with the Director of Environmental Science and Policy, for information.

- GEOL 305 - Environmental Geology *(3)*
- GEOL 312 - Global Climate Change *(3)*

- GEOL 330 - Introduction to Marine Science *(3)* or
- BIOL 230 - Introduction to Marine Science *(3)* or
- MSCI 330 - Introduction to Marine Science *(3)*

- GOVT 381 - Human Geography *(3)*
- GOVT 384 - The Geography of Latin America and the Caribbean *(3)*
- INTR 204 - GIS In the Earth and Environmental Sciences *(3)*
- LAW 424 Environmental Law
- LAW 425 Land Use Control

Course Descriptions

ENSP 101 - Introduction to Environmental Science and Policy

Fall (3) Buntaine, DeBerry, Chambers, Hicks, Kaste, Kaup, Staff
This team-taught interdisciplinary course brings together perspectives and approaches to environmental problems from natural sciences, social sciences, and humanities. Examines key environmental concepts by exploring case studies such as pollution and contamination disputes, ecosystem management in the Chesapeake Bay, and biodiversity.

ENSP 201 - Watershed Dynamics

Spring of alternate years (4) Chambers, Hancock Prerequisite(s): BIOL 220 or BIOL 225 OR GEOL 101, GEOL 110, GEOL 150W.
This team-taught course will combine biologic and hydrologic approaches to explore the interactions between the physical, biological, and chemical processes active in watersheds. Emphasis will be placed on understanding how interactions between these processes control water quality and biologic diversity, and how anthropogenic activities modify these processes. Laboratory is required.

ENSP 202 - Global Environmental Challenges: Climate Change

Fall, Spring (3) Taylor Prerequisite(s): ENSP 101.
This course introduces students to the state of scientific knowledge about climate and climate change, including natural cycles and human-induced changes. It explores potential impacts of climate change, national policies, the Kyoto Protocol, and other global efforts to address the problem.

ENSP 203 - Public Commons Project

Fall, Spring (1-3) Taylor Prerequisite(s): ENSP 101.
This workshop course will have students and faculty working as a team on community-based research, addressing important local and regional environmental issues in consultation with community organizations and local government agencies. Topics vary by semester and results are presented publicly.

ENSP 205 - Marine and Environmental Science

Fall, Spring (3) Staff Prerequisite(s): ENSP 101.
This course introduces students to the science of marine and terrestrial environments. It ties marine science and policy to land use, watershed and coastal zone management, pollution, forests and agriculture, ocean fisheries, mineral resources, climate change, and biodiversity.

ENSP 210 - The Ethics of Sustainability: Beyond Environmentalism

Fall (3) Fowler Corequisite(s): Pre or ENSP 101. *(GER 7)*
The ethical implications of the sustainability revolution are examined with emphasis on its progress beyond environmentalism and its applicability to such issues as global warming, biodiversity, food production and world hunger, population growth, and HIV-AIDS.

ENSP 211 - The Ethics of Globalization and Sustainability

Spring (3) Fowler Corequisite(s): Pre or ENSP 101. *(GER 7)*
The ethical implications of globalization and the sustainability revolution are examined. Emphasized are the ethical controversies surrounding the social responsibility of trans-national corporations, consumerism, growing world thirst, and the challenges of protecting the environment, jobs and workers rights.

ENSP 248 - Introduction to Environmental Research

Fall, Spring (1-3) Staff
Independent environmental research for First-year and Sophomore students that is closely mentored by a faculty member. All projects must include an analysis, write-up, and interpretation of the student's work.

ENSP 249 - Environmental Challenges: Topics

Fall, Spring (1-4) Staff Prerequisite(s): ENSP 101.
This course is an in-depth look at an important issue of environmental science and policy. The topics to be considered will be announced prior to the beginning of the semester. The course is primarily designed for sophomores and juniors who have taken Introduction to Environmental Science and Policy. Some topics will include a required weekly laboratory session. In past year it has been common for us to count GEOL 305 Environmental Geology as an ENSP 249 class. ENSP 249 can be repeated for credit if the topic changes.

ENSP 250 - Seminar Topics in Environmental Science and Policy

Spring (1-3) Staff
Key environmental topics will be addressed by top national and international environmental experts in three lectures and informal discussion sessions with students. Small groups of students will meet with faculty to discuss readings and the lectures, and a written assignment will integrate the topic.

ENSP 302 - Philosophic History of American Environmentalism

Fall, Spring (3) Fowler (GER 4A, 7)
The Philosophic History of American Environmentalism. Examines basic ethical controversies surrounding modern American environmentalism, with special focus on: 1) our moral place in Darwinian nature, 2) the wilderness ideal, 3) Native American ecology, land ethic and deep ecology, 4) preserving biodiversity, and 5) environmentalism as social justice.

ENSP 303 - Issues in Environmental Ethics

Fall, Spring (3) Costa, Fowler (ALV, GER 7)
This course reviews core issues in environmental ethics and then takes an in-depth look at one area environmental ethics, such as the ethics of conserving biodiversity, Earth Rights, or key environmental cases which raise ethical concerns.

ENSP 305 - Feminist Women Activists for Developing India

Fall and Spring (3) Fowler (GER 7)
The class examines the ethical values and interpretations of political engagement, environmental protection and development of three feminist women activists, two Indian and one American, and all internationally reknown for working for the environment and human rights in India: Vandana Shiva, Arundhati Roy, and Martha Nussbaum. (Cross listed with GSWS 305)

ENSP 440 - Special Topics in Environmental Science and Policy.

(varies by year) Spring or Fall (1-4) Staff
This course provides students a hands-on, in-depth look at an issue of environmental science and policy. The topics to be considered will be announced prior to the beginning of the semester. The course is primarily designed for senior majors or minors. ENSP 440 can be repeated for credit if the topic changes.

ENSP 460 - Seminar in Environmental Issues

Spring (3) Staff
A topics course for seniors based on an extended review of an environmental issue by each student. In consultation with the professor, students will select a topic in advance of registration for the course, and will research the topic through all appropriate sources (literature, Internet, individuals, etc.). An oral presentation and a paper are required.

ENSP 490 - Independent Research

Fall and Spring (1-3) Staff
This course is designed to permit the environmental science/studies concentrator to engage in independent research in their Junior or Senior years. Working closely with a faculty member as an advisor, each student will be expected to conduct original research and prepare a substantial research paper. This course may be repeated for credit.

ENSP 495 - Honors

Fall, Spring (3, 3) Staff
Environmental Science and Policy Honors students must meet the College's provisions on admissions to the program, see catalog section titled Honors and Special Programs. These students enroll for both semesters of their senior year, defending an Honors Proposal at the end of the first semester, and completing an Honors research project or essay and defending it in an oral exam by April 15th.

ENSP 496 - Honors

Fall, Spring (3, 3) Staff
Environmental Science and Policy Honors students must meet the College's provisions on admissions to the program, see catalog section titled Honors and Special Programs. These students enroll for both semesters of their senior year, defending an Honors Proposal at the end of the first semester, and completing an Honors research project or essay and defending it in an oral exam by April 15th.

ENSP 498 - Internship

Fall and Spring (1-3) Staff Prerequisite(s): Consent of instructor and director.
This course is designed to allow students to gain knowledge through experience in the environmental area, through work with government agencies, nonprofits, or companies. Students will be supervised by faculty members, and students must complete an agreed-upon list of readings and write a paper tying their experience to existing theory and research. Requires written permission from the Director and a faculty advisor.

ENSP 499 - Internship

Fall and Spring (1-3) Staff Prerequisite(s): Consent of instructor and director.
This course is designed to allow students to gain knowledge through experience in the environmental area, through work with government agencies, nonprofits, or companies. Students will be supervised by faculty members, and students must complete an

agreed-upon list of readings and write a paper tying their experience to existing theory and research. Requires written permission from the Director and a faculty advisor.

Film and Media Studies [Back to Table of Contents]

Faculty

Advisory Committee

Lowry (English), **Stock** (Director, Modern Languages), **Angelone** (Modern Languages), **Barnard** (American Studies), **Begley** (English), **Davis** (Swem Media Center), **Joyce** (English), **Kennedy** (English), **Knight** (English/American Studies), **MacGovern** (History/American Studies), **Palermo** (Art History), **Prokhorov** (Modern Languages), **Prokhorov** (Modern Languages), **Stoddard** (Education), **Zuber** (English).

Film and Media Studies Program

Film and Media Studies offers an interdisciplinary academic program that provides students the opportunity to explore the history and theory of film, television, print, radio, and other media as aesthetic and cultural practices and forms. The program develops critical and analytical skills and integrates creative work, as is key to an education in the humanities.

More information is available at the Film and Media Studies Program website: www.wm.edu/as/lcst.

Programs

Film and Media Studies, BA

The major in Film and Media Studies requires the successful completion of at least 36 credit hours. Of these, no more than 11 credit hours may be in courses numbered below 300 (including the required course FMST 250).
Required Credit Hours: 36

Core Requirements: Distributed as follows:

- FMST 250 - Introduction to Film and Media Studies *(4)*
- FMST 302 - Theories of Film & Media *(3)*
- FMST 310 - Topics in Media History *(3)*
- FMST 330 - Topics in Global Media *(3)*

  (or one of the following: CHIN 280, 320, 360; FREN 310, 393; GERM 220, 424; HISP 320, 321, 383; ITAL 310; JAPN 280, 311, 330; RUSN 309, 340, 380)
- FMST 370 - Topics: Media in Practice *(1-3)*
- FMST 401 - Seminar in Film and Media Studies *(3-4)*

Additional 16-18 Credit Hours

Chosen, in consultation with a FMST advisor, from other FMST courses or from courses in other departments/programs that add significantly to the student's understanding of the cultural contexts in which media are produced.

Major Writing Requirement

A student who satisfies all the requirements for the Film and Media Studies major also satisfies the Major Writing Requirement.

Major Computing Requirement

The Major Computing Requirement is satisfied by successful completion of:

- FMST 302 - Theories of Film & Media *(3)*

Additional Information

Students are strongly encouraged to take FMST 250 before enrolling in 300-level courses in the program.

Film and Media Studies, Minor

The minor in Film and Media Studies requires the successful completion of at least 18 credit hours, 9 of which must be in courses numbered 300 or above.

Required Credit Hours: 18

- FMST 250 - Introduction to Film and Media Studies *(4)*
- FMST 302 - Theories of Film & Media *(3)*
- FMST 310 - Topics in Media History *(3)*
- FMST 330 - Topics in Global Media *(3)*
- FMST 370 - Topics: Media in Practice *(1-3)*

Electives

Additional credit hours chosen in consultation with an advisor.

Course Descriptions

FMST 100 - Big Ideas in Film and Media Studies

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Film and Media Studies, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

FMST 250 - Introduction to Film and Media Studies

Fall, Spring (4) Joyce, Lowry, Zuber, Stadelmann, Staff GER 5
This research- and writing-intensive course introduces methods for critical engagement with texts across different media (e.g., film, digital media, TV, print, recorded music). Students are strongly encouraged to take 250 before enrolling in 300-level courses in the Program.

FMST 302 - Theories of Film & Media

Fall (3) Staff
Explores major theoretical issues in visual culture since the advent of photography, as well as intersections with other theoretical approaches like critical theory, psychoanalysis, feminism, queer theory, critical race theory, and postcolonialism. This course satisfies the major computing requirement.

FMST 310 - Topics in Media History

Fall, Spring (3) Barnard, Joyce, Knight, Prokhorov, Zuber, Staff
These courses examine the history of a medium/media in social, cultural, and political contexts, with particular attention to the late 19th and early 20th centuries. This course may be repeated for credit when there is no duplication of topic.

FMST 330 - Topics in Global Media

Fall, Spring (3) Staff
These courses focus on the cultural products, values, and identities that emerge and circulate through media produced in and for countries outside the U.S. May be repeated for credit when there is no duplication of topic.

FMST 370 - Topics: Media in Practice

Fall, Spring (1-3) Barnard, Davis, Stadelmann, Stock, Zuber
Introduction to creative practices in film, media, or festival production with an emphasis on collaborative, hands-on projects. May be repeated for credit when there is no duplication of topic.

FMST 401 - Seminar in Film and Media Studies

Fall, Spring (3-4) Staff
Study in depth of a specialized topic in Film and/or Media Studies. This course maybe repeated for credit when there is no duplication of topic.

FMST 480 - Independent Studies

Fall or Spring (1-4)
A program combining (as appropriate to the topic) extensive viewing, production, writing, reading and/or discussion in a specific area of Film and Media Studies. The syllabus for this tutorial will be agreed upon by the student and instructor and approved in advance by the Coordinator. This course is open only to students who have completed at least half the requirements for the Film and Media Studies Minor and may ordinarily only be taken once.

Gender, Sexuality, & Women's Studies [Back to Table of Contents]

Faculty

Professor

T. Linneman (Interim Director)**, S. Raitt, G. Ozyegin** (Margaret L. Hamilton Professor) (on leave 2016-2017)

Associate Professors

C. Burns, L**. Meyer**, **J. Putzi** (Director, on leave 2016-2017)

Assistant Professor

C. McKinney

Visiting Assistant Professor

V. Castillo and **H. Sikk**

Gender, Sexuality, & Women's Studies Program

Gender, Sexuality, & Women's Studies is an interdisciplinary academic program designed to acquaint students with current scholarship and theory on women, gender, and feminism. Each semester a wide variety of courses in humanities and social science departments as well as in Gender, Sexuality, & Women's Studies offers students the opportunity for cultural and cross-cultural studies of the effects of representations and assumptions about gender, race, class, ethnicity, and sexuality on our lives. Courses generally of interest to Gender, Sexuality, & Women's Studies students and eligible for major credit are listed below; in addition, a separate flyer listing each semester's eligible courses is available through the Gender, Sexuality, & Women's Studies office (757) 221-2457 and on the Gender, Sexuality, & Women's Studies web page (www.wm.edu/as/gsws). Students may declare an interdisciplinary major or a minor in Gender, Sexuality, & Women's Studies.

The Gender, Sexuality, & Women's Studies major prepares students who wish to gain a strong interdisciplinary perspective in advance of employment and/or graduate or professional study leading to careers in a wide variety of fields including law, education, politics, business, social action, the arts, medicine and so on. Graduates of Gender, Sexuality, & Women's Studies programs nationwide report reasons for choosing this field of study that range from lifelong interest in feminism, to discovering new intellectual challenges, to providing themselves with the confidence and freedom to "do whatever you choose to do."

The following guidelines have been reviewed and approved by the Gender, Sexuality, & Women's Studies Curriculum Committee, the Gender, Sexuality, & Women's Studies Executive Committee and the Committee for Honors and Interdisciplinary Studies.

Additional Courses Eligible for Major or Minor

Following is a sample listing of courses that have been counted toward the major or minor. Not all of these courses are offered every semester, and additional courses may qualify for Gender, Sexuality, & Women's Studies credit. Check the Gender, Sexuality, & Women's Studies flyer or web page or consult a program advisor for a list of each semesters approved courses. (Note: Courses in which topics vary should be selected according to the relevance of the topics offered that semester; sample titles are given. Students may request permission from Gender, Sexuality, & Women's Studies to count a particular course not listed in the flyer if the course's relevance to the student's program of study can be demonstrated.)

- Freshman Seminars: in topics related to Gender, Sexuality, & Women's Studies (most disciplines; check schedule)
- AMST 470 - Topics in American Studies (e.g., Multiculturalism in America; Masculinity in America)
- ANTH 370 - Evolutionary Perspectives on Gender
- AFST 205 - Introduction to Africana Studies
- Chinese 312: Special Issues in Chinese Poetic Tradition (e.g., Women in Classical Poetry)
- ENGL 465 - Topics in English (e.g., Love and the Novel: Lesbian Fictions)
- ENGL 475 - Research Seminar in English (e.g., Woolf; The Brontes; 20th Century American Women Writers)
- FREN 355 - Contemporary Women Writers and Movie Makers from the Francophone World
- German 405: 20th-Century German Women Writers
- GOVT 360 - The American Welfare State
- GOVT 390, GOVT 391 - Topics in Government (e.g., Varieties of Feminist Ideology)
- GOVT 406 - Seminar: Studies in Political Theory: Theorists and Movements
- Government 472: The Courts, Constitutional Politics and Social Change
- HISP 484 - Gender Issues in Hispanic Culture
- HIST 211, HIST 212 - Topics in History (e.g., Southern Women)
- HIST 490 , HIST 491 - Topics in History (e.g., Black Women in the Americas; Gender and the Civil War)
- International Studies 390: Topics
- KINE 460 - Topics in Kinesiology & Health Sciences (e.g., Sport, Body and Culture)
- LCST 201 - Introduction to Literary and Cultural Studies (topics vary)
- LCST 301 - History and Theory of Cultural Studies (topics vary)
- LCST 351 - Special Topics in Literary and Cultural Studies (topics vary)
- LCST 401 - Seminar in Literary and Cultural Studies (topics vary)
- MUSC 365 - Topics in Music (e.g., Music and Gender)
- Psychology 373: Human Sexuality
- RELG 208 - Topics in Religious Studies (e.g., Women in the Christian Tradition)
- Religion 306: Sexuality, Women and Family in Judaism
- RELG 308 - Topics in Religious Studies (e.g., History of Adam and Eve; Women and Their Bible; Theologies of Liberation)
- RUSN 308 - Topics in Russian Literature and Culture (Taught in English) (e.g., Women in Russian Literature)
- RUSN 309 - Topics in Russian Cinema (Taught in English) (e.g., Women in Russian Film)
- SOCL 332 - Families and Kinship
- SOCL 313 - Globalization and International Development
- SOCL 364 - Sociology of Work
- SOCL 432 - Sociology of Sexualities
- SOCL 440 - Special Topics in Sociology (e.g., Race, Gender and Health; Gender and Sexuality in Cross Cultural Perspective)

Programs

Gender, Sexuality, & Women's Studies, BA

Required Credit Hours: 32

Major Computing Requirement:

GSWS 375 - Feminist Research Methods, or any of the Computer Science courses designed for this requirement, or by petitioning Gender, Sexuality, & Women's Studies to substitute a course offered to meet the requirement by another department. We accept satisfaction of this via other department courses (i.e. if they accept it for the computing requirement, so do we) and also by petition via a computing form that you can find on our webpage. Computing proficiency credits are not counted in the major's 32 hours or QPA, unless you are using GSWS 375 to fulfill the requirement.

Major Writing Requirement:

- GSWS 405 - Feminist Theory *(3)*

Core Requirements:

Because the program's curriculum offers a wide variety of choices, each major or minor is asked to work closely with a Gender, Sexuality, & Women's Studies advisor to select related courses in a content area reflecting a specific interest in Gender, Sexuality, & Women's Studies. For example, students might seek out courses in anthropology, Africana Studies, English, history, literary and cultural studies, psychology, sociology and so on, that help them consider issues relating to their interests in women's roles in a variety of cultures and in women's history, health, creativity, etc. In other words, majors are asked to select courses according to an organized plan that allows them to build expertise in a subject from a variety of disciplinary perspectives.

An interdisciplinary major in Gender, Sexuality, & Women's Studies requires a minimum of 32 credit hours. No more than 10 credits of introductory courses, excluding GSWS 205, and 6 credits of independent study may count toward the major. All students must complete at least 32 credit hours distributed across four groups of courses, all meeting approved Gender, Sexuality, & Women's Studies criteria, as follows:

Three 'Core' Courses. Take 10 Credits Including Both:

- GSWS 205 - Introduction to Gender, Sexuality, & Women's Studies *(4)*
- GSWS 405 - Feminist Theory *(3)*

Additional Requirements:

At least 3 credits among the following approved by the student's Gender, Sexuality, & Women's Studies advisor:

- GSWS 480 - Independent Study *(1-3)*
- GSWS 495 - Honors *(3)*
- GSWS 496 - Honors *(3)*
- GSWS 498 - Internship *(1-3)*
- GSWS 375 - Feminist Research Methods *(4)*

  This course is not necessarily taught every year, and the course will vary depending on the instructor.
- GSWS 490 - Senior Seminar *(3-4)*

Humanities Disciplines:

At least 9 credits in approved courses selected from humanities disciplines (list available from major advisor and on the GSWS webpage: www.wm.edu/as/womensstudies/index.php)

Social Science Disciplines:

At least 9 credits in approved courses selected from social science disciplines (list available from major advisor and on the GSWS webpage: www.wm.edu./as/womensstudies/index.php)

Electives:

Approved electives, selected from any department or interdisciplinary program.

Note:

GSWS 390A courses fulfill the program humanities requirement; GSWS 390B courses fulfill the program social science requirement ("Topics in GSWS"); GSWS 490 (Senior Seminar) courses may count either as humanities or as social science, determination of which should be made in consultation with the student's advisor.

Major declaration forms are available in the Gender, Sexuality, & Women's Studies office and on the Gender, Sexuality, & Women's Studies webpage: www.wm.edu/as/womensstudies/index.php and, upon completion, are filed with the Office of the Registrar and with the student's advisor.

Gender, Sexuality, & Women's Studies, Minor

Required Credit Hours: 19

Core Requirements:

All students must complete GSWS 205, at least 6 credits in approved courses selected from humanities disciplines (list available from major advisor and on the GSWS webpage: www.wm.edu/as/womensstudies/index.php), at least 6 credits in approved courses selected from social science disciplines (list available from major advisor and on the GSWS webpage: /www.wm.edu/as/womensstudies/index.php), and approved electives. Minor declaration forms are available in the Gender, Sexuality, & Women's Studies office and, upon completion, are filed with the Registrar's Office and with the student's advisor.

Course Descriptions

GSWS 100 - Critical Questions in Gender, Sexuality, and Womens' Studies

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Gender, Sexuality, and Womens' Studies for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

GSWS 150 - First Year Seminar

Fall or Spring (4) (C150)
An exploration of a specific topic in Gender, Sexuality, and Women's Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

GSWS 205 - Introduction to Gender, Sexuality, & Women's Studies

Spring (4) Burns, Ozyegin, Putzi, Raitt, Staff (GER 4C)
An interdisciplinary exploration of sex and gender differences; race and class-based differences and divisions among women; feminist epistemologies and practices. Topics include feminist histories, gender development, body images/representations, "women's work," activisms/subversions. Seminar format and weekly forum.

GSWS 221 - U.S. Women's History, 1600 to the Present

Fall, Spring (3) Meyer, Wulf (GER 4A)
This course is designed to introduce students to some of the main themes and issues of the field as it has developed in the past two decades. Primary themes throughout this course include: work, sexual/ gender norms and values, women's networks and politics, and how each of these has changed over time and differed for women from diverse cultures/communities. The course divides at 1870. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with HIST 221)

GSWS 222 - U.S. Women's History, 1600 to the Present

Fall, Spring (3) Meyer, Wulf (GER 4A)
This course is designed to introduce students to some of the main themes and issues of the field as it has developed in the past two decades. Primary themes throughout this course include: work, sexual/ gender norms and values, women's networks and politics, and how each of these has changed over time and differed for women from diverse cultures/communities. The course divides at 1870. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with HIST 222)

GSWS 290 - Topics in Gender, Sexuality, & Women's Studies

Fall, Spring (1-4) Staff
A study of a topic in some aspect of feminist scholarship. May be repeated for credit if topic varies.

GSWS 304 - Gender in Society

Fall or Spring (3) Bickham Mendez, Slevin (College 200, CSI)
This course explores different theoretical approaches to gender and its intersections with other sources of inequality such as race, class and age. Possible topics include: gender and sexuality, masculinities, gender and the body, and inequalities in the workplace and home. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross listed with SOCL 304)

GSWS 305 - Feminist Women Activist for Developing India

Fall and Spring (3) Fowler (GER 7)
The class examines the ethical values and interpretations of political engagement, environmental protection and development of three feminist women activists, two Indian and one American, and all internationally reknown for working for the environment and human rights in India: Vandana Shiva, Arundhati Roy, and Martha Nussbaum. (Cross-listed with ENSP 305)

GSWS 306 - Women, Gender and Culture

Spring (3) Kerns Prerequisite(s): ANTH 202
An examination of ethnographic research on women and the cultural construction of gender. Emphasis is given to non-Western cultures, with some attention to the contemporary United States. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with ANTH 306)

GSWS 312 - Comparative Sociology

Fall and Spring (3) Ozyegin (CSI, GER 4B)
This course explores non-Western societies, including a critical examination of the way in which non-Western cultures have been interpreted in the West. Topics include gender, class, and race-based stratification; family systems; industrialization; urbanization; international migration; globalization; national cultures as "imagined communities." Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with SOCL 312)

GSWS 313 - Gender and Postcoloniality

Fall (3) Staff (GER 7)
This course focuses on gender and power relationships in discussing: the imposition of European normative values and ideologies within colonial contexts; European identities and normativity as a dynamic and ever emerging process between the metropole and colony; indigenous resistance to European enculturation; indigenous norms, values and ideologies; and the postcolonial legacies of these processes. The course provides critical analysis of European employment of enlightenment thought and emerging ideas on race to justify colonial expansion and oppression. Students will critically examine the historical and ideological claims to legitimacy and power within contemporary nations. Have colonial tools of oppression been employed by nations to maintain gender hierarchies and privilege? This course is discussion intensive. (Cross-listed with ANTH 313)

GSWS 314 - Women and Love in Chinese Culture Literature. (In Translation

Spring (3) Tang (GER 4B, 5)
This course examines the practice of love or gender relationships in pre-modern China with an emphasis on the presentation of women in literary texts. Readings vary in genres and are analyzed within their own cultural, historical and philosophical context. Taught in English. (Cross listed with CHIN 316)

GSWS 315 - Women in Antiquity

Fall or Spring (3) Spaeth (GER 4A)
A study, through analysis of dramatic, historical and artistic sources, of the role of women in Greece and Rome. The role of women in the home, in politics and in religion will be discussed, as will the sexual mores involving both heterosexual women and lesbians. Fulfills the Humanities requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with CLCV 315)

GSWS 316 - 20th-Century Italian Women Writers

Fall or spring (3) Angelone (College 200, ALV, GER 5)
Twentieth-century Italian women writers will be selected and read. The course will focus attention in particular on feminist issues. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with ITAL 316.)

GSWS 317 - Women in Islam

Fall or Spring (3) Sonn (GER 4B)
A study of changing status and role of women in Muslim society. The course focuses on the relationship between religion and culture as they shape the lives and options of women in traditional society, in the modern period and in the contemporary Islamic experience. Fulfills the Humanities requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with RELG 317)

GSWS 321 - Women in Africa and the Diaspora

Fall (3) Sanford (GER 4B, 5)
This course is a multidisciplinary study of women's organizations and collective agency in a range of African, African-American and African Diasporic settings. It seeks to understand women's collective actions, often described as "wars," "riots," and "strikes," in the context of their own histories and societies. (Cross listed with AFST 321)

GSWS 331 - Feminist Theory and Contemporary Theatre

Fall or Spring (3) Wolf (GER 7)
Readings in contemporary feminist theory (psychoanalytic, materialist, Brechtian, and others) as these pertain to the body onstage, character construction, playwriting, and audience reception. Course also investigates feminist performance art, scripts, and revisionings of the dramatic canon. Fulfills the Humanities requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with THEA 331)

GSWS 332 - Sex & Race in Plays & Films: Dramatizing Diversity

Spring (4) Tanglao-Aguas (College 200, ACTV, ALV, GER 4C, GER 6)
Study of sexuality, gender and race in plays and films dramatizing marginalized communities in the United States and selected countries like France, Iran, Martinique, Mexico, the Philippines, Senegal, and Turkey. Course work includes acting, creative projects, teaching methods, and analytical essays. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with AFST 332, AMES 332, and THEA 332.)

GSWS 350 - The Roman Family

Fall or Spring (3) Swetnam-Burland (College 200, ALV, CSI)
This course treats the social structure of Roman families and the spaces in which they resided. The material includes literary sources, inscriptions, and archaeological remains from sites like Pompeii and Ostia. Class topics include: nutrition, weddings, funerals, and education. (This course is anchored in the ALV and CSI domains.) (Cross-listed with CLCV 355.)

GSWS 355 - Sport and Gender

Fall and Spring (3) Hall
A study of women's involvement in sport, the meaning of this participation and the social ramifications of women's inclusion in and exclusion from sport. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor.

GSWS 375 - Feminist Research Methods

Spring (4) Putzi, Staff
An interdisciplinary course designed to acquaint students with the prevalent conceptual models and research methods used in feminist scholarship. Students will develop research projects based on the methodologies studied, and will present their findings at the end of the course. Fulfills either the Social Science or the Humanities requirement for the Gender, Sexuality, & Women's Studies major/ minor, and the major computing proficiency requirement for the Gender, Sexuality, & Women's Studies major.

GSWS 380 - Rhymes with Witch: Sexual Politics in Contemporary Culture

Spring (3) Gray
This course investigates contemporary sexual politics including: representations of "Woman" and what women have been doing about them; postmodern "gender bending" in theory and practice; relationships among identity constructs such as gender, race, and sexuality; what happens when women aren't "nice." Fulfills either the Social Science or the Humanities requirement for the Gender, Sexuality, & Women's Studies major/minor.

GSWS 390 - Topics in Gender, Sexuality, & Women's Studies

Fall, Spring (1-4) Staff
An in-depth study of a topic in some aspect of feminist scholarship. Check with Gender, Sexuality, & Women's Studies for topic descriptions.

GSWS 390A - Topics in Gender, Sexuality, & Women's Studies-Humanities

Fall, Spring (1-4) Staff
An in-depth study of a topic in some aspect of feminist scholarship. Check with Gender, Sexuality, & Women's Studies or the

registration bulletin for topic descriptions. Fulfills the Humanities requirement for the Gender, Sexuality, & Women's Studies major/minor. May be repeated for credit

GSWS 390B - Topics in Gender, Sexuality, & Women's Studies-Social Sciences

Fall, Spring (1-4) Staff
An in-depth study of a topic in some aspect of feminist scholarship. Check with Gender, Sexuality, & Women's Studies or the registration bulletin for topic descriptions. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor. May be repeated for credit

GSWS 405 - Feminist Theory

Fall (3) Staff (GER 7)
An in-depth examination of contemporary feminist theories in relation to various disciplines of the humanities and social sciences as they interface with complexities of difference raised by issues of gender, race, class, and sexuality. Fulfills either the Humanities or the Social Science requirement for the Gender, Sexuality, & Women's Studies minor.

GSWS 414 - Major African American Women Writers

Spring (3) McLendon, Braxton, Pinson
This course studies the fiction and non-fiction of major African American women writers such as Toni Morrison, Alice Walker, and Gloria Naylor. Some attention to black feminist/ womanist and vernacular theoretical issues through selected critical readings. Fulfills the Humanities requirement for the Gender, Sexuality, & Women's Studies major/minor. (Cross listed with ENGL 414A or AFST 414)

GSWS 416 - Literature and the Formation of Sexual Identity

Spring (3) Heacox
A study of the homosexual tradition and the formation of sexual identity in 19th and 20th century British and American literature. Authors include: Oscar Wilde, E.M. Forster, Willa Cather, Thomas Mann, Christopher Isherwood, Sigmund Freud and Michel Foucault. Fulfills the Humanities requirement for the Gender, Sexuality, & Women's Studies major/ minor (Cross listed with ENGL 416A)

GSWS 420 - Topics in Gender and Sexuality in Popular Culture

Fall (3-4) Staff
Study of historical and contemporary representations of gender and sexuality in popular culture, with a focus on the production, consumption, and reception of texts. Primary texts may include new media, film, television shows, magazines, popular fiction, and/or music. Topics vary from semester to semester. If there is no duplication of topic, may be repeated for credit.

GSWS 430 - Comparative Studies in Gender and Work

Fall or Spring (3) Ozyegin, Bickham Mendez Prerequisite(s): Recommended for juniors and seniors *(CSI, GER 4B)*
A multidisciplinary examination of work and gender in the global economy. Topics include: constructing gender at work; occupational segregation by gender, race, and ethnicity; national and transnational labor migration; immigrants' work in the United States; and movements towards gender equality. Fulfills the Social Science requirement for the Gender, Sexuality, & Women's Studies major/minor (Cross listed with SOCL 430)

GSWS 480 - Independent Study

Fall and Spring (1-3) Staff
For majors who have completed most of their requirements and who have secured approval of the instructor(s) concerned. May be repeated for a total of 6 credits

GSWS 490 - Senior Seminar

Fall or Spring (3-4)
In-depth study of a specialized topic relevant to Gender, Sexuality, & Women's Studies. Work in this course will reflect senior-level research. Check with Gender, Sexuality, & Women's Studies or the registration bulletin for topic descriptions. May be repeated for credit

GSWS 492 - Women and the Law

Fall or Spring (3) Grover
This course will focus on the status and treatment of women in and under the law. It will be organized around the themes of women and work, women and the family, and women and health. Foundations for discussion will include readings of cases, legislation, historical and social science materials and jurisprudential work. Fulfills the Social Science requirement for the

Gender, Sexuality, & Women's Studies major/minor. Note: (Students must return to campus in time to attend when Law School classes start, usually one full week before undergraduate classes.) (Cross listed with PUBP 600 02 and LAW 492 01)

GSWS 495 - Honors

Fall, Spring (3) Staff
Students admitted to Honors study in Gender, Sexuality, & Women's Studies will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for: (a) formulating a program of study in consultation with a faculty advisor; (b) submission by April 15 of an Honors essay; (c) satisfactory performance in an oral examination on the subject of the Honors essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

GSWS 496 - Honors

Fall, Spring (3) Staff
Students admitted to Honors study in Gender, Sexuality, & Women's Studies will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for: (a) formulating a program of study in consultation with a faculty advisor; (b) submission by April 15 of an Honors essay; (c) satisfactory performance in an oral examination on the subject of the Honors essay. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

GSWS 498 - Internship

Fall and Spring (1-3)
Note: May be repeated for a total of 6 credits Graded pass/fail

Geography [Back to Table of Contents]

PROFESSOR **Blouet**, Coordinator.

Those interested in geography can prepare themselves for further study in the field by selecting suitable courses from among the following. Students are advised to start with GEOL 110 - Earth's Environmental Systems: Physical Geography and GOVT 381 - Human Geography.

Physical Geography

- GEOL 110 - Earth's Environmental Systems: Physical Geography *(3)*
- Geology 204–GIS in the Earth and Environmental Sciences
- GEOL 305 - Environmental Geology *(3)*
- GEOL 312 - Global Climate Change *(3)*
- GEOL 320 - Earth Surface Processes *(4)*

Human Geography

- GOVT 381 - Human Geography *(3)*
- GOVT 482 - Seminar: Geostrategic Thought *(4)*
- SOCL 307 - Sociology of Education *(3)*
- SOCL 308 - Environmental Sociology *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*

Regional Geography

- ANTH 330 - Caribbean Cultures *(3)*
- ANTH 335 - Peoples and Cultures of Africa *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*

- ANTH 342 - Peoples and Cultures of East Asia *(3)*
- GOVT 382 - World Regional Geography *(3)*
- Government 383–World Regional Geography II
- GOVT 384 - The Geography of Latin America and the Caribbean *(3)*
- GOVT 386 - The Geography of Europe *(3)*

Geology [Back to Table of Contents]

Faculty

Professors

Bailey (Chair), **Hancock**, **Lockwood**, **Macdonald** (Chancellor Professor), **Owens**

Associate Professors

Kaste

Assistant Professors

Balascio

Lecturers

Morse and **Jiron**

Research Associates

Beach, Berquist, and **Izett**

The Geology Program

The program of the Department of Geology is designed to provide each major with a strong, broad background in geology that is sufficiently flexible to allow students freedom to follow their own interests. The major may choose one of two options, either general geology or environmental geology. Ample opportunity is available for independent student research and such research is an integral part of the curriculum regardless of the option chosen.

The geologic setting of Williamsburg enhances the program in geology and offers a wide variety of areas for field study. Situated on the Coastal Plain with its excellent exposures of sediments and fossils, the College is only 50 miles from the Fall Zone beyond which are the igneous and metamorphic rocks of the Piedmont. The Blue Ridge and Valley & Ridge areas of the Appalachian Mountains are within a three-hour drive. Thus the field study area includes all major rock types and representatives of most geologic time periods from Precambrian to Holocene.

Programs

Geology, Environmental Geology Concentration, BS

Required Credit Hours: 36

(or more, depending on options)

Major Computing Requirement:

- GEOL 492 - Senior Research *(1)* or
- GEOL 496 - Honors *(3)*

Major Writing Requirement:

Students must receive a grade of C- or better to satisfy the requirement.

- GEOL 492 - Senior Research *(1)* or
- GEOL 496 - Honors *(3)*

Core Requirements:

A core for all majors consisting of nine semester courses totaling 25 or more credits, which are:

- GEOL 101 - The Dynamic Earth: Physical Geology *(3)* or
- GEOL 110 - Earth's Environmental Systems: Physical Geography *(3)* or
- GEOL 160 - Investigating the Earth: Introductory Geology Laboratory *(1)*
- GEOL 320 - Earth Surface Processes *(4)*
- GEOL 321 - Rock-Forming Minerals *(4)*
- GEOL 322 - The Sedimentary Record *(4)*
- GEOL 323 - Earth Structure & Dynamics *(4)*
- GEOL 403 - Introduction to Geological Research I *(1)*
- GEOL 404 - Introduction to Geological Research II *(1)*

- GEOL 491 - Senior Research *(3)* and
- GEOL 492 - Senior Research *(1)*

  or
- GEOL 495 - Honors *(3)* and
- GEOL 496 - Honors *(3)*

Biology Requirements (Choose One):

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)* or
- BIOL 318 - Conservation Biology *(3)* or
- BIOL 417 - Population and Community Ecology *(4)* or
- BIOL 426 - Aquatic Ecology *(4)* or
- BIOL 427 - Wetland Ecosystems *(4)*

Choose (two courses and associated laboratories) from the following list of five choices:

- CHEM 103 - General Chemistry I *(3)* and
- CHEM 103L - General Chemistry Laboratory I *(1)*

- CHEM 206 - Organic Chemistry I *(3)* and
- CHEM 206L - Organic Chemistry Laboratory I *(1)*

- CHEM 308 - General Chemistry II for Life Sciences *(3)* and
- CHEM 354 - General Chemistry Laboratory II *(1)*

- PHYS 101 - General Physics I *(3)* and

- PHYS 101L - General Physics I Laboratory *(1)*

- PHYS 102 - General Physics II *(3)* and
- PHYS 102L - General Physics II Laboratory *(1)*

Additional Information:

A year of calculus, a year of chemistry, a year of physics, and a field camp experience are recommended for a career in the earth sciences.

The Environmental Geology Option:

Elective courses totaling at least eleven credits selected from:

- GEOL 305 - Environmental Geology *(3)*
- GEOL 310 - Regional Field Geology *(1-3)*
- GEOL 312 - Global Climate Change *(3)*

- GEOL 314 - Watershed Dynamics *(4)* or
- GEOL 315 - Hydrology *(4)*

- GEOL 316 - Environmental Geochemistry *(3)*
- GEOL 427 - Surface Processes Seminar *(1-3)*
- GEOL 428 - Geochemistry Seminar *(1-3)*
- GEOL 429 - Hydrology Seminar *(1-3)*
- INTR 204 - GIS In the Earth and Environmental Sciences *(3)*

Additional Information:

One of the courses must be GEOL 314 or GEOL 315, but only one of GEOL 314 or GEOL 315 can be used to satisfy this requirement. Depending on the topic, GEOL 437 may be used to satisfy this requirement with permission of the chair.

Geology, General Geology Concentration, BS

Required Credit Hours: 36

(or more, depending on options)

Major Computing Requirement:

- GEOL 492 - Senior Research *(1)* or
- GEOL 496 - Honors *(3)*

Major Writing Requirement:

Students must receive a grade of C- or better to satisfy the requirement.

- GEOL 492 - Senior Research *(1)* or
- GEOL 496 - Honors *(3)*

Core Requirements:

A core for all majors consisting of nine semester courses totaling 25 or more credits, which are:

- GEOL 101 - The Dynamic Earth: Physical Geology *(3)* or
- GEOL 110 - Earth's Environmental Systems: Physical Geography *(3)* or
- GEOL 160 - Investigating the Earth: Introductory Geology Laboratory *(1)*
- GEOL 320 - Earth Surface Processes *(4)*
- GEOL 321 - Rock-Forming Minerals *(4)*
- GEOL 322 - The Sedimentary Record *(4)*
- GEOL 323 - Earth Structure & Dynamics *(4)*
- GEOL 403 - Introduction to Geological Research I *(1)*
- GEOL 404 - Introduction to Geological Research II *(1)*

- GEOL 491 - Senior Research *(3)* and
- GEOL 492 - Senior Research *(1)*

  or
- GEOL 495 - Honors *(3)* and
- GEOL 496 - Honors *(3)*

Choose (two courses and associated laboratories) from the following list of five choices:

- CHEM 103 - General Chemistry I *(3)* and
- CHEM 103L - General Chemistry Laboratory I *(1)*

- CHEM 206 - Organic Chemistry I *(3)* and
- CHEM 206L - Organic Chemistry Laboratory I *(1)*

- CHEM 308 - General Chemistry II for Life Sciences *(3)* and
- CHEM 354 - General Chemistry Laboratory II *(1)*

- PHYS 101 - General Physics I *(3)* and
- PHYS 101L - General Physics I Laboratory *(1)*

- PHYS 102 - General Physics II *(3)* and
- PHYS 102L - General Physics II Laboratory *(1)*

Additional Information:

A year of calculus, a year of chemistry, and year of physics, and a field camp experience are recommended for a career in the earth sciences.

The Geology Option:

Elective courses totaling at least eleven credits selected from:

- GEOL 303 - Age of Dinosaurs *(3)*

- GEOL 305 - Environmental Geology *(3)*
- GEOL 307 - Planetary Geology *(3)*
- GEOL 310 - Regional Field Geology *(1-3)*
- GEOL 311 - Field Methods in the Earth Sciences *(3)*
- GEOL 312 - Global Climate Change *(3)*

- GEOL 314 - Watershed Dynamics *(4)* or
- GEOL 315 - Hydrology *(4)*

- GEOL 316 - Environmental Geochemistry *(3)*
- GEOL 422 - Igneous and Metamorphic Petrology *(3)*
- GEOL 423 - Paleontology *(3)*
- GEOL 424 - Sedimentology Seminar *(1-3)*
- GEOL 425 - Structural Geology Seminar *(1-3)*
- GEOL 426 - Paleobiology Seminar *(1-3)*
- GEOL 427 - Surface Processes Seminar *(1-3)*
- GEOL 428 - Geochemistry Seminar *(1-3)*
- GEOL 429 - Hydrology Seminar *(1-3)*
- GEOL 437 - Special Topics Seminar *(1-3)*
- INTR 204 - GIS In the Earth and Environmental Sciences *(3)*

- MSCI 401C - Fundamentals of Marine Geology *(2)* and
- MSCI 401R - Fundamentals of Marine Science Recitation *(1)*

Geology, Minor

Required Credit Hours: 21

(or more depending on choices)

Core Requirements:

A minor in geology requires seven courses distributed as follows:

- GEOL 101 - The Dynamic Earth: Physical Geology *(3)* or
- GEOL 110 - Earth's Environmental Systems: Physical Geography *(3)* or
- GEOL 160 - Investigating the Earth: Introductory Geology Laboratory *(1)*

Two Courses From:

- GEOL 320 - Earth Surface Processes *(4)*
- GEOL 321 - Rock-Forming Minerals *(4)*

- GEOL 322 - The Sedimentary Record *(4)*
- GEOL 323 - Earth Structure & Dynamics *(4)*

Three Courses:

(with at least nine credits)
A course from the group above may be substituted for one from this group.

- GEOL 303 - Age of Dinosaurs *(3)*
- GEOL 305 - Environmental Geology *(3)*
- GEOL 307 - Planetary Geology *(3)*
- GEOL 310 - Regional Field Geology *(1-3)*
- GEOL 311 - Field Methods in the Earth Sciences *(3)*
- GEOL 312 - Global Climate Change *(3)*
- GEOL 314 - Watershed Dynamics *(4)*
- GEOL 315 - Hydrology *(4)*
- GEOL 316 - Environmental Geochemistry *(3)*
- GEOL 422 - Igneous and Metamorphic Petrology *(3)*
- GEOL 423 - Paleontology *(3)*
- GEOL 424 - Sedimentology Seminar *(1-3)*
- GEOL 425 - Structural Geology Seminar *(1-3)*
- GEOL 426 - Paleobiology Seminar *(1-3)*
- GEOL 427 - Surface Processes Seminar *(1-3)*
- GEOL 428 - Geochemistry Seminar *(1-3)*
- GEOL 429 - Hydrology Seminar *(1-3)*
- GEOL 437 - Special Topics Seminar *(1-3)*

Course Descriptions

GEOL 100 - Key Concepts in the Earth & Environmental Sciences

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Earth & Environmental Sciences, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

GEOL 101 - The Dynamic Earth: Physical Geology

Fall and Spring (3) Kaste, Streit (College 200, NQR, GER 2A)
An investigation of the major features of the earth and its materials and the interaction of the geologic processes active on the surface and in the interior of the earth. Topics include volcanoes, rivers, glaciers, earthquakes, natural resources, and global change. The lab course, GEOL 160, is optional. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

GEOL 110 - Earth's Environmental Systems: Physical Geography

Fall and Spring (3) Bailey, Balascio, Lockwood, Staff (College 200, NQR, GER 2A)
Introduction to the interactions between the earth's environmental systems - the atmosphere, hydrosphere, biosphere, and solid earth. Emphasis will be placed on the relationship between the environment and the human condition. The lab course, GEOL 160, is optional. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

GEOL 160 - Investigating the Earth: Introductory Geology Laboratory

Fall and Spring (1) Morse, Staff Prereq/Corequisite(s): GEOL 101 or GEOL 110. *(NQR)*
Investigating the Earth through exercises involving observations and interpretations of maps, minerals and rocks, groundwater and streams, coastal processes, and earthquakes. Field trips and laptop computer are required. This course may be taken concurrently or after taking GEOL 101 or GEOL 110.

Three laboratory hours. There is a fee associated with the laboratory.

GEOL 303 - Age of Dinosaurs

Fall or Spring (3) Lockwood Prerequisite(s): GEOL 101 or GEOL 110. *(College 200, NQR)*
In this course, we'll use dinosaurs and the Mesozoic world to explore concepts of geologic time, extinction, climate change, evolution, and plate tectonics. Emphasis will also be placed on how science works and major discoveries in dinosaur paleontology. (This course is anchored in the NQR domain, and also considers aspects of the ALV domain.)

GEOL 305 - Environmental Geology

Spring (3) Kaste Prerequisite(s): GEOL 101 or GEOL 110, and GEOL 160. Offered alternate years. *(NQR)*
The application of geology toward understanding the connections between human activities and the environment. Topics include climate change, flooding and water pollution, coastal processes, and natural hazard prediction.

GEOL 307 - Planetary Geology

Spring (3) Bailey Prerequisite(s): GEOL 101 or GEOL 110. *(NQR)*
An investigation of planetary bodies in the Solar System. Topics include celestial mechanics, the formation of planets and satellites, planetary surfaces, and planetary atmospheres.

GEOL 310 - Regional Field Geology

Spring, Summer (1-3) Staff Prerequisite(s): GEOL 101 or GEOL 110, and GEOL 160, and instructor consent. *(NQR)*
Field techniques and their application in the study of the geology and geologic history of selected regions. This course may be repeated for credit. One to four-week field trip with pre-field trip lecture sessions. Fee Required.

GEOL 311 - Field Methods in the Earth Sciences

Fall (3) Bailey Prerequisite(s): GEOL 200. *(NQR)*
Field techniques and their application to solve geological and environmental problems. Topics include GPS surveying, topographic surveying, bedrock and surficial mapping, and introduction to geophysical methods. Required field trips.

GEOL 312 - Global Climate Change

Spring (3) Balascio (College 200, NQR)
An introduction to Earth's climate system and the causes of climate variability on different geologic timescales. This course will also cover recent climate changes with lessons focused on the influence of anthropogenic activity and predictions about future climate trends and their potential impacts on society. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

GEOL 314 - Watershed Dynamics

Spring (4) Chambers, Hancock Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W or BIOL 220 or BIOL 225.
This team-taught course will combine biologic and hydrologic approaches to explore the interactions between the physical, biological, and chemical processes active in watersheds. Emphasis will be placed on understanding how interactions between these processes control water quality and biologic diversity, and how anthropogenic activities modify these processes. Laboratory is required. (Cross listed with ENSP 201)

GEOL 315 - Hydrology

Spring (4) Hancock Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, and MATH 111, and GEOL 160.
Quantitative investigation of the major components of the hydrologic cycle and their interactions, including atmospheric water, surface water, and groundwater. Field trips required.

GEOL 316 - Environmental Geochemistry

Fall (3) Kaste Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, and CHEM 103 and GEOL 160.
This course examines the chemical interactions among water, rock, and biota. We will investigate the basic inorganic and organic chemistry of nutrients, metals, and carbon. Topics covered include weathering, oceanic and terrestrial biogeochemical cycles and heavy metal deposition.

GEOL 320 - Earth Surface Processes

Fall (4) Hancock Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, and GEOL 160.
A quantitative investigation of processes that act to shape the Earth's surface. Explores the links between surface processes, tectonics, and climate; the mechanics and rates of landscape processes and evolution; and the movement of water on and near the surface.

GEOL 321 - Rock-Forming Minerals

Fall (4) Owens Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, and GEOL 160.
An introduction to the structures, compositions, characteristic features, and uses of the most common minerals. This course will emphasize the fundamental role that minerals play as the building blocks of sedimentary, igneous, and metamorphic rocks. Field trips.

GEOL 322 - The Sedimentary Record

Spring (4) Macdonald Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, and GEOL 160.
An introduction to the origin and interpretation of sediments, fossils, and sedimentary rocks with a focus on depositional environments, paleoclimates, and the use of sediments, fossils, and sedimentary rocks in the interpretation of earth history. Field trips.

GEOL 323 - Earth Structure & Dynamics

Spring (4) Bailey Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, and GEOL 160.
An introduction to the internal structure of the earth and its dynamics. Geological and geophysical characteristics of the earth are used to understand tectonic processes. Examines major earth structures and investigates the physics of deformation. Field trips.

GEOL 330 - Introduction to Marine Science

Spring (3) Bronk, Weng Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W. *(NQR)*
This course provides an overview of physical, chemical, biological, and geological processes operating in the world ocean. The interdisciplinary nature of marine science is emphasized, providing an integrated view of factors that control ocean history, circulation, chemistry and biological productivity. (Cross listed with BIOL 230 and MSCI 330)

GEOL 403 - Introduction to Geological Research I

Fall (1) Staff
Analysis of journal articles, discussion of research topics, and instruction in the use of library resources including electronic databases. Class work will include oral and written presentations. Enrollment is restricted to geology majors, normally in their junior year.

GEOL 404 - Introduction to Geological Research II

Spring (1) Staff
Students will develop a formal research proposal for a senior research or Honors project in consultation with their research advisor. Students will give an oral presentation to the class describing their research proposal. Class work will include discussion of research sources and questions, training in research techniques, and preliminary data collection and interpretation. Enrollment is restricted to geology majors, normally in their junior year.

GEOL 407 - Special Topics in Geology

Fall and Spring (1-3) Staff Prerequisite(s): Consent of instructor.
Advanced study of topics not routinely covered by existing courses. Subjects, prerequisites and instructor will vary from year to year. This course may be repeated for credit.

GEOL 409 - Independent Study in Geology

Fall and Spring (1-3) Staff
A program for geology majors who wish to pursue independent study of a problem or topic in geology. May be repeated for credit.

GEOL 422 - Igneous and Metamorphic Petrology

Spring (3) Owens Prerequisite(s): GEOL 321.
Mineral and rock genesis in the igneous and metamorphic environments. A study of hand specimens and thin sections, structures, textures, and areal distribution. Field trips.

GEOL 423 - Paleontology

Spring (3) Lockwood Prerequisite(s): GEOL 101 or GEOL 110 or GEOL 150W, or both BIOL 220 and BIOL 225.
The taxonomy of fossil organisms and the role of fossils in the study of organic evolution and the time relations of rock sequences. The laboratory stresses invertebrate morphology and quantitative measurement of local marine fossils. Field trips. (Cross listed with BIOL 317)

GEOL 424 - Sedimentology Seminar

Fall (1-3) Lockwood Prerequisite(s): GEOL 322.
Advanced seminar in topics in Sedimentology.

GEOL 425 - Structural Geology Seminar

Fall (1-3) Prerequisite(s): GEOL 323.
Advanced seminar in topics in Structural Geology.

GEOL 426 - Paleobiology Seminar

Fall or Spring (1-3) Lockwood Prerequisite(s): GEOL 423.
Advanced seminar in topics in Paleobiology.

GEOL 427 - Surface Processes Seminar

Spring (1-3) Hancock Prerequisite(s): GEOL 320.
Advanced seminar in topics in Surface Processes.

GEOL 428 - Geochemistry Seminar

Fall (1-3) Kaste Prerequisite(s): GEOL 316.
Advanced seminar in topics in Geochemistry.

GEOL 429 - Hydrology Seminar

Fall or Spring (1-3) Hancock Prerequisite(s): GEOL 314 or GEOL 315.
Advanced seminar in topics in Hydrology.

GEOL 437 - Special Topics Seminar

Fall or Spring (1-3) Staff Prerequisite(s): GEOL 101, GEOL 110, GEOL 150W, GEOL 160.
Advanced seminar.

GEOL 491 - Senior Research

Fall (3) Staff Prerequisite(s): GEOL 404.
Independent senior research study, culminating in a written thesis and a formal presentation in the Spring semester.

GEOL 492 - Senior Research

Spring (1) Staff Prerequisite(s): GEOL 404.
Independent senior research study, culminating in a written thesis and a formal presentation.

GEOL 495 - Honors

Fall, Spring (3) Staff Prerequisite(s): GEOL 404.
The requirements of Honors study in geology include a program of research accompanied by readings from the original literature, the satisfactory completion of a comprehensive examination in geology, and the preparation and presentation of an Honors essay based on the student's reading and research. Note: For College provisions governing the Admission to Honors, see the Department Honors section of the catalog under Requirements for the Baccalaureate Degree. Note: For College provisions governing the Admission to Honors, see the Department Honors section of the catalog under Requirements for the Baccalaureate Degree.

GEOL 496 - Honors

Fall, Spring (3) Staff Prerequisite(s): GEOL 404.
The requirements of Honors study in geology include a program of research accompanied by readings from the original literature, the satisfactory completion of a comprehensive examination in geology, and the preparation and presentation of an Honors essay based on the student's reading and research. Note: For College provisions governing the Admission to Honors, see the Department Honors section of the catalog under Requirements for the Baccalaureate Degree. Note: For College provisions

governing the Admission to Honors, see the Department Honors section of the catalog under Requirements for the Baccalaureate Degree.

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Faculty

Asian and Middle Eastern Studies (AMES) Faculty

Advisory Committee

Abegaz (Economics), **Burchett** (Religious Studies), **Cheng** (Government), **Cherkaoui** (Modern Languages and Literatures), **Cronin** (Modern Languages and Literatures), **Eisele** (Modern Languages and Literatures), **Glasser** (Anthropology), **Hamada** (Anthropology), **Han** (History), **Hui** (Modern Languages and Literatures), **Karakaya-Stump** (History), **Katz** (Music), **Kitamura** (History), **Mullen** (Government), **Ogunnaike** (Religious Studies), **Ozyegin** (Sociology and Gender, Sexuality, and Women's Studies), **Rasmussen** (Music), **Sasaki** (Modern Languages and Literatures), **Sheeh**i (AMES and Modern Languages and Literatures, AMES Program Director), **Sheikh** (Religious Studies), **Shushan** (Government), **Sohoni** (Sociology), **Tang** (Modern Languages and Literatures), **Tanglao-Aguas** (Theatre, Speech, and Dance), **Vose** (Religious Studies), **Wright** (AMES and Anthropology), **Wu** (Art and Art History), **Zandi-Sayek** (Art and Art History), **Zutshi** (History)

European Studies Faculty

Advisory Committee

Benes (History), **Campbell** (Director of European Studies, Modern Languages and Literatures), **Hutton** (Classical Studies), **Koloski** (History), **Leventhal** (Modern Languages and Literatures), **Levitan** (History), **Lombardini** (Government), **Pacini** (Modern Languages and Literatures), **Panoussi** (Classical Studies), **Pickering** (Government), **Rogacheva** (RPSS and ES)**, van der Veen** (Government), **Zandi-Sayek** (Art and Art History)

Latin American Studies Faculty

Advisory Committee

Aday (Sociology), **Arries** (Modern Languages and Literatures), **Bickham Mendez** (Sociology), **Blouet** (Government), **Buck** (Modern Languages and Literatures), **Castillo** (Women's Studies), **Fisher** (Anthropology), **Kaup** (Sociology), **Konefal** (Director of Latin American Studies, History), **Longo** (Modern Languages and Literatures), **Riofrio** (Modern Languages and Literatures), **Root** (Modern Languages and Literatures), **Smith** (Anthropology), **Stock** (Modern Languages and Literatures), **Tandeciarz** (Modern Languages and Literatures), **Terukina** (Modern Languages and Literatures), **Webster** (Art History and American Studies)

Russian and Post-Soviet Studies Faculty

Advisory Committee

Angelov (Religious Studies)**,** Beliaeva (Modern Languages and Literatures)**,** Corney (Director of RPSS, History)**,** Ginzbursky-Blum (Modern Languages and Literatures)**,),** Gioielli (History), Hanson (Government), Koloski (History), Mulcahy (Modern Languages and Literatures), Pickering (Government), Prokhorova (Modern Languages and Literatures), Prokhorov (Modern Languages and Literatures)**,** Rogacheva**(**RPSS and ES)

The Global Studies Programs

Students who major in Global Studies (GBST) design an interdisciplinary sequence of courses together with an advisor in one of the following area concentrations: Asian and Middle Eastern Studies, European Studies, Latin American Studies, and Russian and Post-Soviet Studies. Through coursework in the culture, history, languages, literature, politics, and religions of major world regions, students explore the specificity of a given region, the ways in which global forces are realized in and through local contexts, and the interconnections between global regions. Majors often combine their program of study with service learning, internships, or study abroad. Familiarity with a specific region provides a foundation for grappling with the emerging possibilities and the ethical responsibilities of living in an interconnected world.

In general, a major in Global Studies includes courses from at least three departments. Detailed descriptions of the degree programs are provided below. Additional information about courses and requirements is available from area concentration faculty advisors.

Language Requirement. Degrees in Global Studies include a modern foreign language component which exceeds the College's proficiency requirement. Students meet the requirement by completing a specific level of language instruction as detailed in their concentration.

Major Writing Requirement (MWR). The major writing requirement may be satisfied in Global Studies by (1) completing the appropriate senior seminar of the individual program, or (2) fulfilling the major writing requirement for a department contributing courses to your selected concentration or (3) completing a writing project designed to meet the MWR with special permission from a faculty member. Students should consult with their area concentration advisor on how best to fulfill this requirement.

Major Computer Proficiency Requirement (CPR). Global Studies majors may satisfy the computing proficiency requirement by (1) fulfilling the computing requirement for a department that offers a course in the student's major (2) completing a course that counts for the CPR for a student's area concentration or (3) completing CSCI 131 or higher. Concentrators in AMES fulfill the CPR by completing AMES 493 with a grade of C- or better.

Study Abroad. Students are strongly encouraged to seek overseas opportunities and pursue summer and semester-long programs of study, scholarship, and service in all areas of Global Studies, or at approved institutions in the United States. Contact the Global Education Office at the Reves Center for International Studies for information on William & Mary study abroad programs and on programs offered by other institutions. With prior approval, courses taken abroad may be applied to the major or used for other requirements. Funding for independent research projects may be available from the Charles Center for Interdisciplinary Study; students should also investigate scholarship opportunities available through the Reves Center's Global Education Office for language study.

Major Declaration. Prospective majors in Global Studies should discuss their plans for study with an affiliated faculty in an area concentration by the end of the sophomore year. Declaration forms and instructions for majors and minors are available at the Global Studies website and at the Registrar's Office.

Minors. In Global Studies students may complete a minor in Comparative and Diaspora Studies of Asia and the Middle East, East Asian Studies, European Studies, Latin American Studies, Middle Eastern Studies, Russian and Post-Soviet Studies, or South Asian Studies.

Senior Honors Students who wish to conduct an honors project must apply for admission to the Departmental Honors program, which is administered by the Charles Center. As part of the application, students must get the approval of an honors project by a faculty member of their area concentration. Application, which includes a faculty signature and a prospectus, should be made to the Charles Center by the end of classes in the academic semester before the project is to begin. A prospectus includes: (1) a clear statement of the problem to be researched; (2) a brief, critical review of scholarly literature on the research topic; (3) a description of the methodology to be employed; (4) and an approximate schedule of work. Eligible applicants must carry a 3.2 grade point average in Global Studies and must also meet the College eligibility standard of 3.0 overall or in their junior year. For further information and an application, contact the Charles Center.

Students admitted into the Honors program in Global Studies will enroll in the honors courses (495-496) appropriate to their concentration during both semesters of their senior year. Honors candidates are responsible for (1) formulating and completing a program of study in consultation with a faculty advisor; (2) preparation and presentation, by two weeks before the last day of classes in the spring semester, of an honors essay; and (3) satisfactory performance in a comprehensive oral examination which focuses on the subject matter of the honors essay. For College provisions governing admission to the Senior Honors program, see the discussion of major honors elsewhere in this catalog and the Charles Center web site.

Asian and Middle Eastern Studies (AMES)

Asian and Middle Eastern Studies (AMES) is a multidisciplinary program that aims to enrich the understanding of a broadly conceived "Asia" in relation to other parts of the world. The AMES curriculum includes the study of history, politics, religion, literature, fine and media arts, performance, expressive and ritual culture, and the major languages of the region. Its curriculum consists of course offerings encompassing a diverse range of topics that involve East Asia, South Asia, Southeast Asia, the Middle East, and the Asia-Pacific. Students select a track in either East Asian Studies or Middle Eastern Studies. The AMES curriculum includes four minor programs of study including minors in East Asian Studies, Middle Eastern Studies, South Asian Studies and Comparative and Diaspora Studies of Asia and the Middle East. AMES concentrators and AMES minors are encouraged to combine their academic study with service learning, study away, or study abroad.

AMES concentrators are required to complete 38 credit hours, including AMES 250 (core course) and AMES 493 (capstone course). AMES students are encouraged to look into allied programs such as Global Studies for complementary courses and intellectual exchange. Students are encouraged to pursue advanced research through AMES 495 -AMES 496 (Senior Honors). Please consult with a faculty member in AMES if you are interested in the program.

European Studies

A concentration in European Studies provides interdisciplinary exposure to Europe's history, culture, and politics, emphasizing both Europe's regional specificity and its historical and contemporary interactions with other global regions. The concentration prepares students culturally and linguistically for professions in the public and private spheres in the US and Europe. Majors must have the following prerequisites, which do not count toward the 18 required credit hours: HIST 111 - History of Europe to 1715 and HIST 112 - History of Europe since 1715, or an AP score of 4 or 5 in European History; Concentrators must have the following prerequisites, which do not count toward the 33 required credit hours: HIST 111 (Europe to 1715) and HIST 112 (Europe since 1715), or an AP score of 4 or 5 in European History; 202 or equivalent in one European language; 102 or equivalent in a second European language..

ES concentrators are strongly encouraged to participate in study abroad programs in Europe. Courses taken abroad are evaluated toward the ES concentration on a case-by-case basis.

Declaring a concentration in European Studies requires meeting with an ES advisor to create a plan of study that focuses on a particular region, chronological period, and/or theme. This plan of study must be filed with the Director of European Studies on behalf of the Area Concentration Faculty Committee. Students should keep in mind that not all courses listed as eligible for the ES concentration are offered each year and should work closely with a European Studies advisor to ensure their plan of study is viable given actual course offerings. Students are also advised to check with professors in contributing departments to confirm the frequency with which specific courses are taught.

Course prerequisites are indicated in brackets after the appropriate course titles (slashes between course numbers indicate that students must take one of the listed courses).

Latin American Studies

Latin American Studies (LAS) is a multidisciplinary program that aims to help students make connections across different scholarly approaches to "the Americas" and to make sense of interdisciplinary frameworks for understanding the people, economies, cultures and politics of one of the world's most dynamic and diverse regions. The LAS curriculum includes the study of history, political economy, sociology, literature, fine and media arts, culture, and major languages of the region. Course offerings cover a wide range of topics and geographical focuses in departments including Anthropology, Art and Art History, Economics, Government, Hispanic Studies, History, Religious Studies, and Sociology.

Requirements for the major are listed below. (Total credits for the major: 33)

Major Declaration: Prospective majors in LAS should discuss their plans for study with an affiliated faculty by the end of the sophomore year. Upon declaring the major students will select two fields of emphasis that will serve as "concentrations" within the multi-disciplinary major, which will enable them to pursue an in depth course of study within a focused area. Disciplinary concentration fields include: Anthropology, Art and Art History, Economics, Government, Hispanic Studies, History, Sociology. Students can also, in consultation with the LAS program director, design a thematic or global field relevant to the region, choosing courses (at least 9 credits) from any discipline or program that together allow for in-depth study of a chosen topic relevant to Latin America. Declaration forms and instructions for majors and minors are available on the Global Studies website and at the Registrar's Office.

Immersion Experience: The immersion experience is defined as an experience beyond the William & Mary classroom clearly linked to Latin America or Latinos residing in other parts of the world. Its purpose is to develop students' awareness of issues impacting Latin American countries and people. The immersion experience is designed to give students an opportunity to apply their in-class learning to real-world situations and develop frameworks for engaging real-world issues affecting Latin American cultures, nations, and communities. The immersion experience may be tied to a service learning opportunity or study abroad. Students can also satisfy this requirement through an internship that focuses on Latin American or Latino issues in the United States. This is a non-credit bearing requirement. Students who fulfill this requirement by participating in a William & Mary study abroad program or through a LAS-affiliated program such as Borderlands, SOMOS, MANOS or the National Security Archives programs should complete a pre-approval form (available on the LAS web-site) and enroll in LAS 400. In other cases fulfillment of the immersion requirement is subject to the approval of the student's major advisor or the LAS program director.

Language requirement: The concentration in Latin American Studies includes a language requirement that exceeds the College-wide proficiency requirement. The requirement can be met with three credits at the 300-level or above taught in a target language spoken in the region. Although the College is not currently able to offer languages beyond Spanish, a student could count another language (for example, Portuguese or Nahuatl) provided they can demonstrate proficiency through accredited academic courses taken domestically or abroad. In special cases this requirement can also be satisfied by an equivalent language immersion experience subject to approval by the LAS program director.

Russian and Post-Soviet Studies

Russian and Post-Soviet Studies (RPSS) is an interdisciplinary program that introduces students to culture, history and politics of a vast region spanning from East-Central Europe to Siberia and Central Asia. The curriculum for the RPSS concentration and the

RPSS minor includes courses in politics, history, literature, film, and media of the region, and the Russian language. Russian and Post-Soviet Studies concentrators and minors are strongly encouraged to combine their academic study at William & Mary with study abroad. The concentration prepares students culturally and linguistically for professions in the public and private spheres in the US and in Eurasia, as well as for graduate study.

Majors are required to complete 33 credit hours. All courses with the RPSS designator (see below) fulfill major and minor requirements for the concentration. Please consult with a faculty advisor about specific lines the course fulfills. The rest of the courses for the major and minor are selected from those available in the curriculum of the various departments. See the requirements for the RPSS major and RPSS minor.

Programs

Comparative and Diaspora Studies of Asia and the Middle East Minor

Core Requirements:

A minor in Comparative and Diaspora Studies requires 18 semester credit hours spread across the representative regions of the AMES concentration: East Asia, South Asia, Southeast Asia, the Middle East, or the Asia-Pacific. Students are required to take AMES 250 and a history course from one of these representative regions. No more than 50 percent of the credit hours can be taken in any one region and at least 9 of the 18 semester credit hours should be taken at the 300-400 level. Students are encouraged to pursue large thematic issues that cross regional boundaries, such as Women in Asia, Asia and the Environment, Asian-Americans Performance and Identity, and Islam in Asia. Courses for this minor can be selected from any of the existing lists for East Asian, Middle East or South Asian Studies, or from other departments as long as they are chosen in consultation with an AMES faculty member. Courses taken while participating in William and Mary's approved study-abroad programs can count towards the minor.

East Asian Studies Minor

Core Requirements:

A minor in East Asian Studies requires 18 semester credit hours in the interdisciplinary field of East Asian Studies. Students are required to take one class from line 4 of the East Asian Studies track of the AMES concentration. No more than 50 percent of the credit hours can be taken in any one academic department and at least 9 of the 18 semester credit hours should be taken at the 300-400 level. Courses taken while participating in William and Mary's approved study abroad programs can count towards the minor. Minors are encouraged to take AMES 250. Courses for this minor can be selected from the list for East Asian Studies.

East Asian Studies Track, Asian & Middle Eastern Studies, Global Studies, BA

Global Studies Common Core

Common Core:

All concentrators, regardless of the track, are required to take the following:

- AMES 250 - Critical Issues in Asian and Middle Eastern Studies *(3)*
- AMES 493 - Senior Research in Asian and Middle Eastern Studies *(2)*
- a 3-credit course outside of the region of their chosen track. *

Note:

AMES 493 fulfills both the MWR and CPR for the concentration. The common core will fulfill 7 credits.

* For example, if a student's track is East Asian Studies, he or she must complete a 3-credit course that focuses on Southeast Asia, South Asia, the Middle East, or any other Asia-related course outside of East Asian Studies.

Tracks:

The remaining 30 credits are to come from courses that are specific to each of the two tracks that form the concentration. These are described below. Consult the AMES website for a list of courses.

Major Writing Requirement (MWR)

The major writing requirement is satisfied by completing AMES 493 with a grade of C- or better.

Major Computer Proficiency Requirement (CPR)

The computing proficiency requirement is satisfied by completing AMES 493 with a grade of C- or better.

Line 1: Core Course (Required)

- AMES 250 - Critical Issues in Asian and Middle Eastern Studies *(3)*

Lines 2 and 3: Advanced Language Courses (Choose Two)

Students are required to take two courses beyond the 202-level in one East Asian language, or 202-level proficiency in two languages (two East Asian languages or one East Asian language and another language from the AMES region, e.g. Arabic). Although the College is not currently able to offer languages beyond Chinese and Japanese, a student could count another East Asian language (for example, Korean) provided they can demonstrate proficiency through accredited academic courses taken domestically or abroad. The courses in this category will total 6 credits.

- CHIN 300 - Chinese Studies in China II *variable*
- CHIN 301 - Upper-Intermediate Chinese I *(4)*
- CHIN 302 - Upper-Intermediate Chinese II *(4)*
- CHIN 303 - Topics in Chinese Language, Civilization, or Literature *(1-4)*
- CHIN 400 - Chinese Studies in China III *variable*
- CHIN 401 - Advanced Speaking I *(3)*
- CHIN 402 - Advanced Speaking II *(3)*
- CHIN 403 - Advanced Reading and Writing I *(3)*
- CHIN 404 - Advanced Reading and Writing II *(3)*
- CHIN 410 - Advanced Topics in Chinese Language, Civilization or Literature *(3)*
- CHIN 411 - Independent Study *(1-3)*
- JAPN 300 - Topics in Japanese Language *(3)*
- JAPN 301 - Upper Intermediate Japanese I *(3)*
- JAPN 302 - Upper Intermediate Japanese II *(3)*
- JAPN 305 - Directed Readings in Japanese Literature *(3)*
- JAPN 401 - Advanced Japanese I *(3)*
- JAPN 402 - Advanced Japanese II *(3)*
- JAPN 410 - Advanced Topics in Japanese Literature and Culture *(3)*
- JAPN 411 - Independent Study *(3)*

Line 4: History (Choose One)

- HIST 141 - Survey of East Asian Civilization to 1600 *(3)*
- HIST 142 - Survey of East Asian Civilization since 1600 *(3)*

Line 5: Anthropology & Politics (Choose One)

- ANTH 342 - Peoples and Cultures of East Asia *(3)*
- GOVT 336 - Governments and Politics of China and Japan *(3)*

Line 6: Religion & the Arts (Choose One)

- RELG 215 - History of Religion in East Asia *(3)*
- ARTH 255 - The Art of East Asia *(3)*
- CHIN 309 - Survey of Chinese Literature in English *(3)*
- CHIN 322 - Twentieth-Century Chinese Literature in English *(3)*
- JAPN 209 - Classical Japanese Literature in Translation *(3)*
- JAPN 210 - Modern and Contemporary Japanese Literature (Taught in English) *(3-4)*
- THEA 333 - South & South East Asian Folklore Performance *(3-4)*
- THEA 334 - History and Performance of Classical Asian Theatres *(3)*

Line 7: Any course from lines 4, 5, or 6 (Choose One)

Lines 8, 9, 10 and 11: Electives (Choose Four)

The remaining 12 credits are to come from courses that are specific to East Asian Studies, chosen in consultation with a member of the East Asian Studies faculty to form a coherent program of study.

- AMES 290 - Topics in Asian and Middle Eastern Studies *(1-4)*
- AMES 390 - Topics in Asian and Middle Eastern Studies *(1-4)*
- AMES 480 - Independent Study in Asian and Middle Eastern Studies *(1-3)*
- ANTH 150 - First Year Seminar *(4)* (East Asian topics only)
- ANTH 342 - Peoples and Cultures of East Asia *(3)*
- ANTH 347 - Japanese Society *(3)*
- ANTH 348 - Japanese Values Through Literature and Film *(3)*
- ANTH 349 - Contemporary Issues in Japanese Society *(3)*
- ANTH 350 - Special Topics in Anthropology *(3-4)*
- ANTH 460 - Independent Research *(3)* (East Asian topics only; consent of instructor)
- ARTH 255 - The Art of East Asia *(3)*
- ARTH 330 - Topics in Art History *(1-4)* (East Asian topics only)
- ARTH 377 - Modern and Contemporary Chinese Art *(3)*
- ARTH 393 - The Arts of China *(3)*
- ARTH 394 - The Arts of Japan *(3)*
- ARTH 460 - Seminar Topics in Art History *(3)* (East Asian topics only)
- ARTH 477 - Representation of Nature in Asian Art *(3)*
- CHIN 150 - First-Year Seminar *(4)* (East Asian topics only)
- CHIN 220 - Chinese Popular Culture *(3)*
- CHIN 280 - East Asian Cultures Through Film *(3)*
- CHIN 303 - Topics in Chinese Language, Civilization, or Literature *(1-4)*
- CHIN 309 - Survey of Chinese Literature in English *(3)*
- CHIN 316 - Women and Love in Chinese Literature (In Translation) *(3)*

- CHIN 322 - Twentieth-Century Chinese Literature in English *(3)*
- CHIN 360 - Introduction to Chinese Cinema *(3)*
- CHIN 386 - Art of Chinese Poetry *(3)*
- CHIN 410 - Advanced Topics in Chinese Language, Civilization or Literature *(3)*
- CHIN 411 - Independent Study *(1-3)*
- CHIN 428 - Advanced Seminar in Chinese Language, Culture or Literature *(3)*
- ECON 300 - Topics in Economics *(3)*
- ECON 382 - Comparative Economics *(3)*
- ECON 400 - Topics in Economics *(3-4)*
- GBST 390 - Topics in Global Studies *(1-4)* (East Asian topics only)
- GBST 480 - Independent Study in Global Studies *(3)* (East Asian topics only)
- GBST 498 - Internship *credits to be arranged* (East Asian topics only)
- GOVT 336 - Governments and Politics of China and Japan *(3)*
- GOVT 391 - Topics in Government *(3)* (East Asian topics only)
- GOVT 435 - Seminar: Political Economy of the Newly Industrializing Countries *(4)* (East Asian topics only)
- GOVT 491 - Seminar: Topics in Government *(4)* (East Asian topics only)
- GOVT 494 - Independent Study *(1-3)* (East Asian topics only) (consent of instructor and Chair of Department)
- HIST 150 - First Year Seminar *(4)* (East Asian topics only)
- HIST 141 - Survey of East Asian Civilization to 1600 *(3)*
- HIST 142 - Survey of East Asian Civilization since 1600 *(3)*
- HIST 192 - Global History since 1500 *(3)*
- HIST 211 - Topics in History *(3)* (East Asian topics only)
- HIST 212 - Topics in History *(3)* (East Asian topics only)
- HIST 265 - Postwar Japan *(3)*
- HIST 311 - Topics in History *(1-4)* (East Asian topics only)
- HIST 312 - Topics in History *(1-4)* (East Asian topics only)
- HIST 330 - America and China: U.S.-China Relations since 1784 *(3)*
- HIST 331 - Modern Japanese History *(3)*
- HIST 332 - Modern Korean History *(3)*
- HIST 333 - Modern Chinese History *(3)*
- HIST 467 - Independent Study *(3)* (East Asian topics only; consent of instructor)
- HIST 468 - Independent Study *(3)* (East Asian topics only; consent of instructor)
- HIST 490C - Capstone Seminar *(4)* (East Asian topics only)
- HIST 491C - Capstone Seminar *(4)* (East Asian topics only)
- JAPN 150 - First year Seminar *(4)*
- JAPN 280 - East Asian Cultures Through Film *(3)*

- JAPN 307 - Topics in Japanese Culture *(3)*
- JAPN 308 - Topics in Japanese Literature and Culture (Taught in English) *(3)*
- JAPN 311 - Japanese Cinema *(3)*
- JAPN 320 - The Japanese City *(3)*
- JAPN 330 - Japanese Popular Culture *(3)*
- JAPN 410 - Advanced Topics in Japanese Literature and Culture *(3)*
- JAPN 411 - Independent Study *(3)*
- MDLL 360 - Topics in Modern Languages, Literatures and Cultures *variable credit* (East Asian topics only)
- RELG 150 - First-Year Seminar *(4)* (East Asian topics only)
- RELG 214 - Introduction to Buddhism *(3)*
- RELG 215 - History of Religion in East Asia *(3)*
- RELG 308 - Topics in Religious Studies *(3-4)* (East Asian topics only)
- RELG 365 - Buddhism in China *(3)*
- RELG 366 - Buddhism in Japan *(3)*
- RELG 367 - Tibetan Religion *(3)*
- RELG 380 - Buddhist Philosophy *(3)*
- RELG 481 - Independent Study in Religion *(1-3)* (E Asian topics only; consent of instructor)
- RELG 482 - Independent Study in Religion *(1-3)* (E Asian topics only; consent of instructor)
- THEA 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)*
- THEA 333 - South & South East Asian Folklore Performance *(3-4)*
- THEA 222 - Acting Asian American: The Performance of Identity *(3)*
- THEA 350 - Introduction to Physical Theatre *(3)* (East Asian Topics only)
- THEA 460 - Topics in Theatre Production and Performance *(1-3)* (East Asian Topics only)
- THEA 461 - Topics in Theatre History, Theory and Criticism *(3)* (East Asian Topics only)
- THEA 461W - Topics in Theatre History, Theory and Criticism *(3)* (East Asian Topics only)

Line 12: Course on Middle East or South Asia (Choose One)

This course is chosen in consultation with a member of the East Asian Studies faculty to form a coherent program of study.

Line 13: Capstone (Required)

- AMES 493 - Senior Research in Asian and Middle Eastern Studies *(2)*

Note:

Students with a track in East Asian Studies who wish to minor in Chinese Language and Literature (offered by the department of Modern Languages and Literatures) will be allowed to apply up to 12 additional credit hours in Chinese Language and Literature beyond the current 48 credit hours limit in the major.

European Studies, Global Studies, BA

Line 1. Core Course in European Studies

- EURS 201 - Introduction to European Studies *(3)*

Line 2. Senior Seminar in European Studies

- EURS 470 - Research Seminar in European Studies *(1-4)*

  or any other seminar at the 400-level on a European topic

Lines 3 and 4. History and Art History (Choose Two)

Choose Two History Courses, From the Following List

- HIST 241 - European History, 1815-1914 *(3)*
- HIST 242 - European History, 1914-1945 *(3)*
- HIST 243 - Europe since 1945 *(3)*
- HIST 363 - The Age of Absolutism and Revolution in Europe, 1648-1789 *(3)*
- HIST 364 - The Age of Absolutism and Revolution in Europe, 1789-1870 *(3)*
- HIST 392 - Intellectual History of Modern Europe: 19th to the 21st Centuries *(3)*

OR

Choose one history course from the list above and one course from the following list in art history, classical studies, German studies, Hispanic studies, and history:

- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*
- ARTH 370 - Nineteenth-Century Art *(3)* [ARTH 252]
- CLCV 207 - Greek Civilization *(3)*
- CLCV 208 - Roman Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)* / HIST 260 - History of Ancient Greece
- CLCV 228 - History of Ancient Rome *(3)* / HIST 261 - History of Ancient Rome
- GRMN 307 - The German Speaking Peoples and Their Civilization *(3)* [GRMN 206 / RELG 208]
- HISP 308 - Cultural History of Spain *(3)* [HISP 207 or HISP 208 or HISP 281]
- HIST 355 - Religion in 19th Century America *(3)*
- HIST 358 - The European Renaissance *(3)*
- HIST 359 - The Reformation in Western Europe *(3)*

Line 5: Government/Politics (Choose One)

- GOVT 311 - European Politics *(3)* [GOVT 203]
- GOVT 330 - The Politics of European Integration *(3)* [GOVT 204]
- GOVT 334 - Russian and Post-Soviet Politics *(3)*
- GOVT 335 - The Politics of Eastern Europe *(3)*

Lines 6 and 7: European Literatures and Cultures (Choose Two)

Choose two courses at the 300 level or higher in one European literature/culture, from the lists below. These courses must be taught in a European language other than English and must be courses on the literatures/cultures of these countries, as opposed to courses on language.

All literature/culture courses carry 202 as a prerequisite. Other prerequisites are indicated in brackets.

Classical Greek:

- GREK 321 - Philosophy *(3)*
- GREK 322 - New Testament *(3)*
- GREK 323 - Greek Epic Poetry *(3)*
- GREK 324 - Greek Oratory *(3)*
- GREK 325 - Greek Historians *(3)*
- GREK 326 - Greek Lyric Poetry *(3)*
- GREK 327 - Greek Tragedy *(3)*
- GREK 328 - Greek Comedy *(3)*
- GREK 329 - The Greek Novel *(3)*
- GREK 490 - Topics in Greek *(1-3)*

French:

- FREN 300 - French Studies Abroad at the Advanced Level *(3-4)* [FREN 210 or FREN 212 and approval by dept.]
- FREN 302 - Perspectives on Contemporary Society *(4)*
- FREN 310 - French Cinema *(3)* [FREN 314 or FREN 315]
- FREN 314 - Introduction to French Cultural Studies *(3)* [FREN 305]
- FREN 315 - French Literature in its Cultural Contexts *(3)* [FREN 305]
- FREN 316 - The Middle Ages *(3)* [FREN 314 or FREN 315]
- FREN 318 - The Renaissance *(3)* [FREN 314 or FREN 315]
- FREN 321 - The Spectacular Culture of Early Modern France *(3)* [FREN 314 or FREN 315]
- FREN 331 - Topics in Eighteenth-Century French Literature and Culture *(3)* [FREN 314 or FREN 315]
- FREN 332 - Topics in Early Modern Literature and Culture *(3)* [FREN 314 or FREN 315]

  FREN 333: Versailles [FREN 314 or FREN 315]
- FREN 341 - Romanticism as Revolution *(3)* [FREN 314 or FREN 315]
- FREN 342 - Inventing Modernity: Nineteenth-Century French Narrative *(3)* [FREN 314 or FREN 315]
- FREN 350 - Modern French Poetry *(3)* [FREN 314 or FREN 315]
- FREN 351 - Twentieth-Century French Literature I *(3)* [FREN 314 or FREN 315]
- FREN 352 - Post-war, Post-modern, and Post-colonial *(3)* [FREN 314 or FREN 315]
- FREN 355 - Contemporary Women Writers and Movie Makers from the Francophone World *(3)* [FREN 314 or FREN 315]
- FREN 361 - Culture in Context 1: Art and Ideas *(3)* [FREN 314 or FREN 315]
- FREN 362 - Culture in Context 2: The Republic *(3)* [FREN 314 or FREN 315]
- [FREN 314 or FREN 315] FREN 363 - Culture in Context 3: Social Trends *(3)*

- FREN 385 - Francophone African Literature I (in French) *(3)* [FREN 314 or FREN 315]

  FREN 39x: Topics courses [FREN 314 or FREN 315]

- FREN 450 - Seminar in French/Francophone Literature, Language, or Culture *(3)* [[at least 9 hrs. of 300 or 400 level French courses]

German:

- GRMN 307 - The German Speaking Peoples and Their Civilization *(3)* [GRMN 206 / 208]
- GRMN 320 - Modern German Literature 1750 to the Present *(3)* [GRMN 205 / GRMN 206]
- GRMN 333 - Nature, Place and Heimat: the German Idea of Home *(3)* [GRMN 205 / GRMN 206]
- GRMN 334 - The German City *(3)* [GRMN 205 / GRMN 206]
- GRMN 335 - Germans in Exile *(3)* [GRMN 205 / GRMN 206]
- GRMN 390 - Topics in German Studies. (Taught in German) *(3)* / GRMN 410 - Topics in German Studies (Taught in German) (topics and prerequisites vary)
- GRMN 391 - Independent Research Abroad *(3-4)* / GRMN 491 - Advanced Independent Research Abroad [GRMN 102]
- GRMN 408 - Senior Seminar in German Studies *(3)* [GRMN 207 / GRMN 307]
- GRMN 411 - Independent Study *variable* [2 other 400-level GERM courses]
- GRMN 417 - German Detective Fiction *(3)*
- GRMN 420 - The Enlightenment in Germany *(3)* [one 300-level course in German]
- GRMN 421 - The Turn of the Century: Vienna and Berlin *(3)* [one 300-level course in German]
- GRMN 422 - The Weimar Republic *(3)* [one 300-level course in German]
- GRMN 423 - The GDR and the Unification of Germany *(3)* [one 300-level course in German]
- GRMN 424 - The Holocaust in German Literature and Film *(3)* [one 300-level course in German]

Italian:

- ITAL 303 - Topics in Italian Culture *(3)* [ITAL 202] (culture/literature topics only)

Latin:

- LATN 321 - Latin Lyric and Elegiac Poetry *(3)*
- LATN 322 - Cicero *(3)*
- LATN 323 - Roman Drama *(3)*
- LATN 324 - Roman Satire *(3)*
- LATN 325 - Roman Historians *(3)*
- LATN 326 - Vergil *(3)*
- LATN 327 - The Roman Novel *(3)*
- LATN 328 - Roman Philosophy *(3)*
- LATN 329 - Medieval Latin *(3)*
- LATN 490 - Topics in Latin *(1-3)*

Russian:

- RUSN 305 - Directed Readings in Russian Literature *(3)* / RUSN 306 - Directed Readings in Russian Literature [RUSN 330]
- RUSN 320 - Russian Cultural History (Taught in Russian) *(3)* [RUSN 303]
- RUSN 330 - Survey of Russian Literature (Taught in Russian) *(3)* [RUSN 304]
- RUSN 393 - Special Themes in Russian Language and Culture (Taught in Russian) *(1)* [RUSN 202]
- RUSN 340 - Russian Media Culture (Taught in Russian) *(3)*
- RUSN 350 - Topics in Russian Literature (Taught in Russian) *(1-4)* (3-credit variant only)
- RUSN 402 - Russian Poetry *(3)*
- RUSN 410 - Seminar in Russian Literature and Culture *(3)* [RUSN 320 or RUSN 330]

Spanish:

- HISP 308 - Cultural History of Spain *(3)* [HISP 207 or HISP 208 or HISP 281]
- HISP 324 - Medieval and Early Modern Hispanic Literature *(3)* [HISP 208 / HISP 281]
- HISP 374 - Imagining the Spanish Transatlantic Empire: Early Modern Hispanic Culture (1492-1700) *(3)* [HISP 208 / HISP 281]
- HISP 384 - Landscapes of Spain: Real Places, Imagined Spaces *(3)* [HISP 208 / HISP 281]
- HISP 385 - Modern Spanish Culture: The Politics of Identity *(3)* [HISP 207 / HISP 208 / HISP 281]
- HISP 386 - Issues in Spanish Culture: On-Site Research *(1-3)* ES majors must take the one-credit prerequisite HISP 376 and HISP 386 for at least two credits to count this course toward lines 4-7.)
- HISP 390 - Topics in Hispanic Studies *(1-4)* (Spain- related topics only) [HISP 151 / HISP 208 / HISP 281]
- HISP 391 - Masterworks: Issues in Canon Formation *(3)* [HISP 208 or HISP 281 and 1 course at 300-level]
- HISP 392 - Special Themes in Hispanic Studies *(1-4)* [HISP 208 or HISP 281]
- HISP 401 - Medieval Spanish Literature *(3)* [300-level HISP core course]
- HISP 402 - Cervantes *(3)* [300-level HISP core course]
- HISP 403 - Spanish Literature of the Golden Age *(3)*
- HISP 413 - Contemporary Spanish Literature (1936-Present) *(3)*
- HISP 482 - Love and Prostitution in Medieval Spain *(3)* [300-level HISP core course]
- HISP 485 - Post-Franco Literature and Culture *(3)* [300-level HISP core course]
- HISP 486 - Spanish Language Epic and Nationalism *(3)* [300-level HISP core course]
- HISP 487 - Imagine Another World: Spanish Art and Society *(3)* [300-level HISP core course]
- HISP 489 - Seminar in Hispanic Studies *(3)* [300-level HISP core course]
- HISP 492 - Independent Study *(3)* [400-level HISP core course]

Lines 8 and 9: European Languages (Choose Two)

Choose two courses at the 200 level or higher in a second European language, literature, or culture. Courses listed for lines 5 and 6 may be used to fill lines 7 and 8 provided they represent the student's second European language. Other courses eligible for lines 7 and 8 are listed below. All 200-level courses carry 102 as a prerequisite. Other prerequisites are indicated in brackets.

Arabic:

- ARAB 201 - Intermediate Arabic I *(4)*

- ARAB 202 - Intermediate Arabic II *(4)* [ARAB 201]
- ARAB 290 - Topics in Arabic Dialects *(3)* [ARAB 202]
- ARAB 300 - Advanced Arabic Studies Abroad: Language, Literature, and Culture *(4)* (ES majors must take at least 3 credits of language at the 200 level or higher to count this course toward line 6 or 7)
- ARAB 301 - Advanced Arabic I: Introduction to Arabic Literature and Society *(3)* [ARAB 202]
- ARAB 302 - Advanced Arabic II: Arabic Literature and Society *(4)* [ARAB 301]
- ARAB 303: Media Arabic
- ARAB 304 - Introduction to Arabic Dialects *(3)* [ARAB 201]
- ARAB 305 - Directed Readings in Arabic *(3)* [ARAB 302]
- ARAB 306 - Directed Readings in Arabic *(3)* [ARAB 305]
- ARAB 307 - Arab Civilization in Transition: Self, Culture, and Society in the Modern Period *(3)* [ARAB 302]
- ARAB 308 - Bridging Heritage and Modernity: Modern Forms and Classical Themes in Arabic Literary Writing *(3)* [ARAB 307]
- ARAB 401: Classical Arabic Literature [ARAB 302]
- ARAB 402 - Advanced Topics in Arabic Language, Culture, and Literature *(3)* [ARAB 306 or ARAB 308]

Classical Greek:

- GREK 201 - Intermediate Ancient Greek I *(3)*
- GREK 202 - Intermediate Ancient Greek II *(3)* [GREK 201]

French:

- FREN 201 - Intermediate French I *(4)*
- FREN 202 - Intermediate French II *(4)* [FREN 201]
- FREN 206 - Upper-lntermediate Conversation *(3)* [FREN 202]
- FREN 210 - From Word to Text: An Introduction to Reading and Writing *(3)* [FREN 202]
- FREN 212 - Cross-cultural Perspectives on the Francophone World *(3)* [FREN 202]
- FREN 304 - French Phonetics and Diction *(3)* [FREN 206 or FREN 210 or FREN 212 or FREN 290]
- FREN 305 - The Craft of Writing *(3)* [FREN 151 or FREN 210 or FREN 212 or FREN 290]
- FREN 306 - Advanced Conversation *(3)* [FREN 210 or FREN 212 or FREN 290 or FREN 206]
- FREN 406 - Contemporary Spoken French *(3)* [FREN 314 or FREN 315]

German:

- GRMN 201 - Intermediate German I *(4)*
- GRMN 202 - Intermediate German II *(4)* [GRMN 201]
- GRMN 205 - Reading German Children's Literature: Intensive Reading and Grammar Review *(3)* [GRMN 202]
- GRMN 206 - Upper-lntermediate Conversation *(3)* [GRMN 202]
- GRMN 207 - Introduction to German Cultural Studies *(3)* [GRMN 202]
- GRMN 210 - Topics in German Language *(3)* [GRMN 205 / GRMN 206]
- GRMN 290 - Topics in German Studies *(3)*

- GRMN 310 - Advanced German Grammar and Stylistics *(3)*

Hebrew:

- HBRW 201 - Reading the Bible in Hebrew I *(3)*
- HBRW 202 - Reading the Bible in Hebrew II *(3)* [HBRW 201]

Italian:

- ITAL 201 - Intermediate Italian I *(3)*
- ITAL 202 - Intermediate Italian II *(3)* [ITAL 201]
- ITAL 206 - Italian Language Through Film *(3)* [ITAL 206]
- ITAL 207: Italian Language through Cinema [ITAL 206]

Latin:

- LATN 201 - Introduction to Latin Prose *(3)*
- LATN 202 - Introduction to Latin Poetry *(3)* [LATN 201]
- LATN 421 - Writing Latin - Latin Prose Composition *(3)* [LATN 202]

Russian:

- RUSN 201 - Intermediate Russian Through Video I *(4)*
- RUSN 202 - Intermediate Russian Through Video II *(4)* [RUSN 201]
- RUSN 303 - Advanced Russian: Conversation, Composition, Reading I *(3)* [RUSN 202]
- RUSN 304 - Advanced Russian: Conversation, Composition, Reading II *(3)* [RUSN 303]
- RUSN 310 - Advanced Conversation (Taught in Russian) *(3)* [RUSN 303]

Spanish:

- HISP 201 - Intermediate Level Spanish I *(3)*
- HISP 202 - Intermediate Level Spanish II *(3)* [HISP 201]
- HISP 206 - Upper-lntermediate Conversation *(3)* [HISP 202]
- HISP 208 - Fundamentals of Literary Criticism *(3)* [HISP 202]
- HISP 305 - Advanced Composition and Grammar *(3)* [HISP 207]
- HISP 306 - Advanced Conversation *(3)* [HISP 207]
- HISP 387 - Topics in Linguistic Research *(3)* [HISP 281]
- HISP 388 - The Art of Spanish Text Translation *(3)* [HISP 281]

Lines 10-11: Electives (Choose Two)

Choose two courses from the following list, in two different departments. Courses used toward lines 1-9 may not be used to fill lines 10-11. Only one advanced language or philology course may be counted toward lines 10-11; these courses are marked with an asterisk.

Art History:

- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*
- ARTH 330 - Topics in Art History *(1-4)*

- ARTH 351 - Medieval Art and Architecture *(3)* [ARTH 251]
- ARTH 360 - Italian Renaissance Art, 1300-1600 *(3)*
- ARTH 362 - Northern Renaissance Art, 1400-1600 *(3)* [ARTH 252]
- ARTH 363 - Baroque Art, 1600-1700 *(3)*
- ARTH 365 - Seventeenth-Century Dutch Painting *(3)*
- ARTH 366 - The Golden Age of Spain *(3)*
- ARTH 370 - Nineteenth-Century Art *(3)* [ARTH 252]
- ARTH 372 - Modern Architecture and Planning *(3)*
- ARTH 460 - Seminar Topics in Art History *(3)* (European topics only)
- ARTH 467 - Topics in Renaissance and Baroque Art *(3)*
- ARTH 468 - History of Prints *(3)*

Classical Studies:

- CLCV 205 - Greek and Roman Mythology *(3)*
- CLCV206: Classical Myth in Ancient Art
- CLCV 207 - Greek Civilization *(3)*
- CLCV 208 - Roman Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)* / HIST 260 - History of Ancient Greece
- CLCV 228 - History of Ancient Rome *(3)* / HIST 261 - History of Ancient Rome
- CLCV 314 - Urbanism in the Ancient World *(3)*
- CLCV 315 - Women in Antiquity *(3)* / GSWS 315 - Women in Antiquity
- CLCV 316 - The Voyage of the Hero in Greek and Roman Literature - The Classic Epic *(3)*
- CLCV 317 - Sacred Violence in Greek and Roman Tragedy *(3)*
- CLCV 318 - Ancient Laughter: Comedy in Greece and Rome *(3)*
- CLCV 319 - The Birth of the Novel in Antiquity *(3)*
- CLCV 320 - Pagans and Christians in the Roman World *(3)*
- CLCV 321 - Judaism in the Greco-Roman World *(3)*
- CLCV 323 - The Late Roman Empire *(3)*
- CLCV 325 - Alexander the Great *(3)*
- CLCV 329 - The Invention of History Writing in Antiquity *(3)*
- CLCV 340 - Roman Britain *(3)*
- CLCV 341 - Roman Greece *(3)*
- CLCV 342 - Pompeii and Herculaneum *(3)*
- CLCV 343 - Classical Myth in Ancient Art *(3)*
- CLCV 350 - Greek Religion *(3)*

- CLCV 351 - Roman Religion *(3)*
- CLCV 352 - Classical Athens *(3)*
- CLCV 409 - Magic and the Supernatural in the Ancient World *(3)*
- CLCV 412 - Food and Drink in the Ancient World *(3)*
- CLCV 420 - Greek Vase Painting *(3)*
- CLCV 425 - Ancient Architecture *(3)*
- CLCV 451 - The Medieval Book *(3)*
- GREK 321 - Philosophy *(3)*
- GREK 322 - New Testament *(3)*
- GREK 323 - Greek Epic Poetry *(3)*
- GREK 324 - Greek Oratory *(3)*
- GREK 325 - Greek Historians *(3)*
- GREK 326 - Greek Lyric Poetry *(3)*
- GREK 327 - Greek Tragedy *(3)*
- GREK 328 - Greek Comedy *(3)*
- GREK 329 - The Greek Novel *(3)*
- GREK 490 - Topics in Greek *(1-3)*
- LATN 321 - Latin Lyric and Elegiac Poetry *(3)*
- LATN 322 - Cicero *(3)*
- LATN 323 - Roman Drama *(3)*
- LATN 324 - Roman Satire *(3)*
- LATN 325 - Roman Historians *(3)*
- LATN 326 - Vergil *(3)*
- LATN 327 - The Roman Novel *(3)*
- LATN 328 - Roman Philosophy *(3)*
- LATN 329 - Medieval Latin *(3)*
- LATN 490 - Topics in Latin *(1-3)*
- LATN 421 - Writing Latin - Latin Prose Composition *(3)* [LATN 202] *

Economics:

- ECON 342 - Global Economic History *(3)* [ECON 101 / ECON 151 and ECON 102 / ECON 152]
- ECON 382 - Comparative Economics *(3)* [ECON 101 / ECON 151 and ECON 102 / ECON 152]
- ECON 474 - Seminar in International Economic Integration *(3)* [ECON 304 and ECON 375 / ECON 475]

English:

Note that 200-level courses are restricted to freshmen and sophomores.

- ENGL 203 - British Literature I *(3)*
- ENGL 204 - British Literature II *(3)*

- ENGL 205 - An Introduction to Shakespeare *(3)*
- ENGL 303: History of the English Language
- ENGL 311 - Epic and Romance *(3)*
- ENGL 314 - Old English *(3)*
- ENGL 315 - Beowulf *(3)*
- ENGL 316 - Arthurian Literature *(3)*
- ENGL 322 - Medieval Literature *(3)*
- ENGL 323 - The English Renaissance *(3)*
- ENGL 324 - The Early Seventeenth Century *(3)*
- ENGL 325 - English Renaissance Drama *(3)*
- ENGL 331 - English Literature, 1660-1744 *(3)*
- ENGL 332 - English Literature, 1744-1798 *(3)*
- ENGL 333 - The Novel to 1832 *(3)*
- ENGL 341 - The English Romantic Period *(3)*
- ENGL 342 - The Victorian Age *(3)*
- ENGL 343 - English Novel, 1832-1900 *(3)*
- ENGL 352 - Modern British Literature *(3)*
- ENGL 380 - Topics in a Literary Period *(3)* (European Studies topics only)
- ENGL 412 - Topics in Literature and Other Arts *(3)* (European Studies topics only)
- ENGL 416 - Topics in Gender and Sexuality *(3)* (European Studies topics only)
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)* (European Studies topics only)
- ENGL 419 - Study of a Single Author or Auteur *(3)* (European Studies topics only)
- ENGL 420 - Chaucer *(3)*
- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*
- ENGL 426 - Milton *(3)*
- ENGL 475 - Research Seminar in English *(4)* (European Studies topics only)

Global Studies:

- EURS 290 - Topics in European Studies *(1-4)* / EURS 390 - Topics in European Studies
- EURS 480 - Independent Study in European Studies *(1-3)*
- GBST 390 - Topics in Global Studies *(1-4)* / GBST 391 - Short Course in Global Studies (European topics only)
- GBST 480 - Independent Study in Global Studies *(3)* (European topics only)
- GBST 495 - Senior Honors in Global Studies *(3)* / GBST 496 - Senior Honors in Global Studies (European topics only)

Government:

- GOVT 303 - Survey of Political Theory: The Ancient Tradition *(3)*

- GOVT 304 - Survey of Political Theory: The Modern Tradition *(3)*
- GOVT 305 - Contemporary Political Theory *(3)*
- GOVT 311 - European Politics *(3)* [GOVT 203]
- GOVT 330 - The Politics of European Integration *(3)* [GOVT 204]
- GOVT 334 - Russian and Post-Soviet Politics *(3)*
- GOVT 335 - The Politics of Eastern Europe *(3)*
- GOVT 386 - The Geography of Europe *(3)*

History:

- HIST 211 - Topics in History *(3)* / HIST 212 - Topics in History (European topics only)
- HIST 240 - The Crusades *(3)*
- HIST 241 - European History, 1815-1914 *(3)*
- HIST 242 - European History, 1914-1945 *(3)*
- HIST 243 - Europe since 1945 *(3)*
- HIST 355 - Religion in 19th Century America *(3)*
- HIST 358 - The European Renaissance *(3)*
- HIST 359 - The Reformation in Western Europe *(3)*
- HIST 363 - The Age of Absolutism and Revolution in Europe, 1648-1789 *(3)*
- HIST 364 - The Age of Absolutism and Revolution in Europe, 1789-1870 *(3)*
- HIST 369 - History of Britain 1453-1783 *(3)*
- HIST 370 - History of Britain 1783 to the Present *(3)*
- HIST 373 - East Central Europe *(3)*
- HIST 377 - History of Russia to 1800 *(3)*
- HIST 378 - History of Russia since 1800 *(3)*
- HIST 382 - History of Spain *(3)*
- HIST 383 - History of Germany to 1918 *(3)*
- HIST 384 - History of Germany since 1918 *(3)*
- HIST 385 - History of France, 1648 to 1800 *(3)*
- HIST 386 - History of France, 1800 to the Present *(3)*
- HIST 387 - England Under the Tudors, 1485-1603 *(3)*
- HIST 388 - Britain Under the Stuarts, 1603-1714 *(3)*
- HIST 392 - Intellectual History of Modern Europe: 19th to the 21st Centuries *(3)*
- HIST 413 - Topics in History *(3)* / HIST 414 - Topics in History *(3)* (European topics only)

MDLL/French:

All FREN courses at the 300-level or above, plus the following courses. Only one of the courses marked with an asterisk may be counted toward lines 9-11.

- FREN 299 - French Studies Abroad at the Upper Intermediate Level *(1-4)* [FREN 202]

- FREN 304 - French Phonetics and Diction *(3)* [FREN 206 or FREN 210 or FREN 212 or FREN 290] *
- FREN 305 - The Craft of Writing *(3)* [FREN 151 or FREN 210 or FREN 212 or FREN 290] *
- FREN 306 - Advanced Conversation *(3)* [FREN 210 or FREN 212 or FREN 290 , and FREN 206] *
- FREN 406 - Contemporary Spoken French *(3)* [FREN 314 or FREN 315] *
- FREN 408 - Comparative Stylistics and Translation *(3)* [FREN 314 or FREN 315] *

MDLL/German:

All GERM courses at the 300-level or above, plus the following courses. Only one course marked with an asterisk may be counted toward lines 9-11.

- GRMN 207 - Introduction to German Cultural Studies *(3)* [GRMN 202]
- GRMN 220 - Survey of German Cinema. Taught in English *(3)*
- GRMN 221 - German Fairy Tales and National Identity *(3)*
- GRMN 287 - Topics in German Studies (Taught in English) *(3-4)* / GRMN 387 - Topics in German Studies. (Taught in English)
- GRMN 290 - Topics in German Studies *(3)*
- GRMN 310 - Advanced German Grammar and Stylistics *(3)* *

MDLL/Italian:

All ITAL courses at the 300-level or above. Only one course marked with an asterisk may be counted toward lines 9-11.

- ITAL 303 - Topics in Italian Culture *(3)* *

MDLL/Russian:

All RUSN courses at the 300-level or above, plus the following courses. Only one of the courses marked with an asterisk may be counted toward lines 9-11.

- RUSN 250 - Russian Myths and Legends *(3)*
- RUSN 303 - Advanced Russian: Conversation, Composition, Reading I *(3)* [RUSN 202] *
- RUSN 304 - Advanced Russian: Conversation, Composition, Reading II *(3)* [RUSN 303] *
- RUSN 310 - Advanced Conversation (Taught in Russian) *(3)* [RUSN 303] *

MDLL/Spanish:

- HISP 305 - Advanced Composition and Grammar *(3)* [HISP 207] *
- HISP 306 - Advanced Conversation *(3)* [HISP 207] *
- HISP 308 - Cultural History of Spain *(3)* [HISP 207 or HISP 208 or HISP 281]
- HISP 324 - Medieval and Early Modern Hispanic Literature *(3)* [HISP 208 or HISP 281]
- HISP 374 - Imagining the Spanish Transatlantic Empire: Early Modern Hispanic Culture (1492-1700) *(3)* [HISP 208 / HISP 281]
- HISP 384 - Landscapes of Spain: Real Places, Imagined Spaces *(3)* [HISP 208 / HISP 281]
- HISP 385 - Modern Spanish Culture: The Politics of Identity *(3)* [HISP 207 / HISP 208 / HISP 281]
- HISP 386 - Issues in Spanish Culture: On-Site Research *(1-3)*

  ES majors must take the one credit prerequisite HISP 376 and HIST 386 for at least two credits to count this course toward lines 4-7.)
- HISP 390 - Topics in Hispanic Studies *(1-4)* (Spain-related topics only) [HISP 151 or HISP 208 or HISP 281]

- HISP 391 - Masterworks: Issues in Canon Formation *(3)* (Spain-related topics only) [HISP 208 or HISP 281, 1 core course at the 300 level]
- HISP 392 - Special Themes in Hispanic Studies *(1-4)* [HISP 208 or HISP 281] (Spain-related topics only)
- HISP 482 - Love and Prostitution in Medieval Spain *(3)*

  [300-level HISP core course]
- HISP 485 - Post-Franco Literature and Culture *(3)* [300-level HISP core course]
- HISP 486 - Spanish Language Epic and Nationalism *(3)* [300-level HISP core course]
- HISP 487 - Imagine Another World: Spanish Art and Society *(3)* [300-level HISP core course]
- HISP 489 - Seminar in Hispanic Studies *(3)* [300-level HISP course] (Spain-related topics only)
- HISP 492 - Independent Study *(3)* (Spain-related topics only)

Music:

- MUSC 213 - History of Western Music *(4)*
- MUSC 367 - Topics in Ethnomusicology *(4)* (European topics only)
- MUSC 381 - Medieval and Renaissance Music *(4)*
- MUSC 383 - The Baroque and Classic Period *(4)*
- MUSC 385 - The Romantic Period *(4)*
- MUSC 387 - Music of the Twentieth Century *(4)*
- MUSC 345 - Seminar in Music Research *(4)* / MUSC 365 - Topics in Music (European topics only; prerequisites vary)

Philosophy:

- PHIL 321 - Existentialism *(3)*
- PHIL 231 - Greek Philosophy *(3)*
- PHIL 232 - Medieval Philosophy *(3)*
- PHIL 252 - 17th- and 18th-Century European Philosophy *(3)*
- PHIL 253 - Kant and his Successors *(3)*
- PHIL 422 - Great Philosophers *(3)* (European Topics Only)

Religious Studies:

- RELG 204 - Christian Origins *(3)*
- RELG 210 - Introduction to the History of Christianity *(3)*
- RELG 211 - Introduction to the History of Jewish Thought *(3)*
- RELG 308 - Topics in Religious Studies *(3-4)* (European topics only)
- RELG 309 - The Holocaust *(3)*
- RELG 310 - Topics in Judaic Studies *(3)* (European topics only)
- RELG 315 - Judaism in the Greco-Roman World *(3)* (cross listed with CLCV 321)
- RELG 320 - Pagans and Christians in the Roman World *(3)* (cross listed with CLCV 320)
- RELG 330: Significant Books in Western Religion

- RELG 332 - Religion and Society in the Middle Ages *(3)*
- RELG 334 - The Protestant and Catholic Reformations *(3)*
- RELG 335 - Modern Jewish and Christian Thought *(3)*
- RELG 340 - Roman Catholicism Since 1800 *(3)*

European Studies, Minor

A minor in European Studies provides interdisciplinary exposure to Europe's history, culture, and politics, emphasizing both Europe's regional specificity and its historical and contemporary interactions with other global regions. Proficiency in one European foreign language prepares students culturally and linguistically for professions in the public and private spheres in the US and Europe.

Minors must have the following prerequisites, which do not count toward the 18 required credit hours: HIST 111 - History of Europe to 1715 and HIST 112 - History of Europe since 1715, or an AP score of 4 or 5 in European History; 202 or equivalent in one European language.

Core Requirements:

Line 1. Core Course In European Studies

- EURS 201 - Introduction to European Studies *(3)*

Line 2. History and Art History (Choose One)

- HIST 241 - European History, 1815-1914 *(3)*
- HIST 242 - European History, 1914-1945 *(3)*
- HIST 243 - Europe since 1945 *(3)*
- HIST 355 - Religion in 19th Century America *(3)*
- HIST 358 - The European Renaissance *(3)*
- HIST 359 - The Reformation in Western Europe *(3)*
- HIST 363 - The Age of Absolutism and Revolution in Europe, 1648-1789 *(3)*
- HIST 364 - The Age of Absolutism and Revolution in Europe, 1789-1870 *(3)*
- HIST 392 - Intellectual History of Modern Europe: 19th to the 21st Centuries *(3)*
- ARTH 251 - Survey of the History of Art I *(3)*
- ARTH 252 - Survey of the History of Art II *(3)*
- ARTH 370 - Nineteenth-Century Art *(3)* [ARTH 252]
- CLCV 207 - Greek Civilization *(3)*
- CLCV 208 - Roman Civilization *(3)*
- CLCV 217 - Greek Archaeology and Art *(3)*
- CLCV 218 - Roman Archaeology and Art *(3)*
- CLCV 227 - History of Ancient Greece *(3)* or
- HIST 260 - History of Ancient Greece *(3)*
- CLCV 228 - History of Ancient Rome *(3)* or
- HIST 261 - History of Ancient Rome *(3)*

- GRMN 307 - The German Speaking Peoples and Their Civilization *(3)* [GRMN 206/208]
- HISP 308 - Cultural History of Spain *(3)*

  [HISP 207 or HISP 208 or HISP 281]

Line 3: Government/Politics (Choose One)

- GOVT 311 - European Politics *(3)* [GOVT 203]
- GOVT 330 - The Politics of European Integration *(3)* [GOVT 204]
- GOVT 334 - Russian and Post-Soviet Politics *(3)*
- GOVT 335 - The Politics of Eastern Europe *(3)*

Lines 4 and 5: European Literatures and Cultures (Choose Two)

Choose two courses at the 300 level or higher in one European literature/culture, from the lists below. These courses must be taught in a European language other than English and must be courses on the literatures/cultures of these countries, as opposed to courses on language.

All literature/culture courses carry 202 as a prerequisite. Other prerequisites are indicated in brackets.

Classical Greek:

- GREK 321 - Philosophy *(3)*
- GREK 322 - New Testament *(3)*
- GREK 323 - Greek Epic Poetry *(3)*
- GREK 324 - Greek Oratory *(3)*
- GREK 325 - Greek Historians *(3)*
- GREK 326 - Greek Lyric Poetry *(3)*
- GREK 327 - Greek Tragedy *(3)*
- GREK 328 - Greek Comedy *(3)*
- GREK 329 - The Greek Novel *(3)*
- GREK 490 - Topics in Greek *(1-3)*

French:

- FREN 300 - French Studies Abroad at the Advanced Level *(3-4)* [FREN 210 or FREN 212 and approval by dept.]
- FREN 302 - Perspectives on Contemporary Society *(4)*
- FREN 310 - French Cinema *(3)* [FREN 314 or FREN 315]
- FREN 314 - Introduction to French Cultural Studies *(3)* [FREN 305]
- FREN 315 - French Literature in its Cultural Contexts *(3)* [FREN 305]
- FREN 316 - The Middle Ages *(3)* [FREN 314 or FREN 315]
- FREN 318 - The Renaissance *(3)* [FREN 314 or FREN 315]
- FREN 321 - The Spectacular Culture of Early Modern France *(3)* [FREN 314 or FREN 315]
- FREN 331 - Topics in Eighteenth-Century French Literature and Culture *(3)* [FREN 314 or FREN 315]
- FREN 332 - Topics in Early Modern Literature and Culture *(3)* [FREN 314 or FREN 315]
- FREN 333: Versailles [FREN 314 or FREN 315]

- FREN 341 - Romanticism as Revolution *(3)* [FREN 314 or FREN 315]
- FREN 342 - Inventing Modernity: Nineteenth-Century French Narrative *(3)* [FREN 314 or FREN 315]
- FREN 350 - Modern French Poetry *(3)* [FREN 314 or FREN 315]
- FREN 351 - Twentieth-Century French Literature I *(3)* [FREN 314 or FREN 315]
- FREN 352 - Post-war, Post-modern, and Post-colonial *(3)* [FREN 314 or FREN 315]
- FREN 355 - Contemporary Women Writers and Movie Makers from the Francophone World *(3)* [FREN 314 or FREN 315]
- FREN 361 - Culture in Context 1: Art and Ideas *(3)* [FREN 314 or FREN 315]
- FREN 362 - Culture in Context 2: The Republic *(3)* [FREN 314 or FREN 315]
- FREN 363 - Culture in Context 3: Social Trends *(3)* [FREN 314 or FREN 315]
- FREN 385 - Francophone African Literature I (in French) *(3)*
- FREN 39x: Topics courses [FREN 314 or FREN 315]
- FREN 450 - Seminar in French/Francophone Literature, Language, or Culture *(3)* [at least 9 hrs. of 300 or 400 level French courses]

German:

- GRMN 307 - The German Speaking Peoples and Their Civilization *(3)* [GRMN 206/208]
- GRMN 320 - Modern German Literature 1750 to the Present *(3)* [GRMN 205/GRMN 206]
- GRMN 333 - Nature, Place and Heimat: the German Idea of Home *(3)* [GRMN 205/GRMN 206]
- GRMN 334 - The German City *(3)* [GRMN 205/GRMN 206]
- GRMN 335 - Germans in Exile *(3)* [GRMN 205/GRMN 206]

- GRMN 390 - Topics in German Studies. (Taught in German) *(3)* or
- GRMN 410 - Topics in German Studies (Taught in German) *(3)* (topics and prerequisites vary)

- GRMN 391 - Independent Research Abroad *(3-4)* or
- GRMN 491 - Advanced Independent Research Abroad *(1-3)* [GRMN 102]

- GRMN 408 - Senior Seminar in German Studies *(3)* [GRMN 207/GRMN 307]
- GRMN 411 - Independent Study *variable* [2 other 400-level GERM courses]
- GRMN 417 - German Detective Fiction *(3)*
- GRMN 420 - The Enlightenment in Germany *(3)* [one 300-level course in German]
- GRMN 421 - The Turn of the Century: Vienna and Berlin *(3)* [one 300-level course in German]
- GRMN 422 - The Weimar Republic *(3)* [one 300-level course in German]
- GRMN 423 - The GDR and the Unification of Germany *(3)* [one 300-level course in German]
- GRMN 424 - The Holocaust in German Literature and Film *(3)* [one 300-level course in German]

Italian:

- ITAL 303 - Topics in Italian Culture *(3)* [ITAL 202] (culture/literature topics only)

Latin:

- LATN 321 - Latin Lyric and Elegiac Poetry *(3)*
- LATN 322 - Cicero *(3)*
- LATN 323 - Roman Drama *(3)*
- LATN 324 - Roman Satire *(3)*
- LATN 325 - Roman Historians *(3)*
- LATN 326 - Vergil *(3)*
- LATN 327 - The Roman Novel *(3)*
- LATN 328 - Roman Philosophy *(3)*
- LATN 329 - Medieval Latin *(3)*
- LATN 490 - Topics in Latin *(1-3)*

Russian:

- RUSN 305 - Directed Readings in Russian Literature *(3)* or
- RUSN 306 - Directed Readings in Russian Literature *(3)* [RUSN 330]

- RUSN 320 - Russian Cultural History (Taught in Russian) *(3)* [RUSN 303]
- RUSN 330 - Survey of Russian Literature (Taught in Russian) *(3)* [RUSN 304]
- RUSN 393 - Special Themes in Russian Language and Culture (Taught in Russian) *(1)* [RUSN 202]
- RUSN 340 - Russian Media Culture (Taught in Russian) *(3)*
- RUSN 350 - Topics in Russian Literature (Taught in Russian) *(1-4)* (3-credit variant only)
- RUSN 402 - Russian Poetry *(3)* [RUSN 303 or RUSN 304]
- RUSN 410 - Seminar in Russian Literature and Culture *(3)*

  [RUSN 320 or RUSN 330]

Spanish:

- HISP 308 - Cultural History of Spain *(3)* [HISP 207 or HISP 208 or HISP 281]
- HISP 324 - Medieval and Early Modern Hispanic Literature *(3)* [HISP 208/HISP 281]
- HISP 374 - Imagining the Spanish Transatlantic Empire: Early Modern Hispanic Culture (1492-1700) *(3)* [HISP 208/HISP 281]
- HISP 384 - Landscapes of Spain: Real Places, Imagined Spaces *(3)* [HISP 208/HISP 281]
- HISP 385 - Modern Spanish Culture: The Politics of Identity *(3)* [HISP 207/HISP 208/HISP 281]
- HISP 386 - Issues in Spanish Culture: On-Site Research *(1-3)* (1-3 credits. ES majors must take the one-credit prerequisite HISP 376 and HISP 386 for at least two credits to count this course toward lines 4-7.)
- HISP 390 - Topics in Hispanic Studies *(1-4)* (Spain- related topics only) [HISP 151 /HISP 208/282]
- HISP 391 - Masterworks: Issues in Canon Formation *(3)* [HISP 208 or HISP 281 and 1 course at 300-level] [HISP 208 or HISP 281]
- HISP 392 - Special Themes in Hispanic Studies *(1-4)*
- HISP 401 - Medieval Spanish Literature *(3)* [300-level HISP core course]

- HISP 402 - Cervantes *(3)* [300-level HISP core course]
- HISP 403 - Spanish Literature of the Golden Age *(3)*
- HISP 413 - Contemporary Spanish Literature (1936-Present) *(3)*
- HISP 482 - Love and Prostitution in Medieval Spain *(3)* [300-level HISP core course]
- HISP 485 - Post-Franco Literature and Culture *(3)* [300-level HISP core course]
- HISP 486 - Spanish Language Epic and Nationalism *(3)* [300-level HISP core course]
- HISP 487 - Imagine Another World: Spanish Art and Society *(3)* [300-level HISP core course]
- HISP 489 - Seminar in Hispanic Studies *(3)* [300-level HISP core course]
- HISP 492 - Independent Study *(3)* [another 400-level HISP course]

Line 6: The Elective

Choose one course from the list of electives that fulfill lines 10-11 for the major in European Studies.

Latin American Studies, Global Studies, BA

Common Core Courses:

All majors are required to take one of the following introductory courses:

- LAS 131 - Survey of Latin American History to 1824 *(3)* (Cross-listed as HIST 131, 3 credits)

  or

- LAS 132 - Survey of Latin American History, 1824-present *(3)* (Cross-listed with LAS 132, 3 credits)

Additionally

All majors are required to take:

- LAS 350 - Latin American Cultures, Politics and Societies *(3)*

Major Fields (18 Credits Total)

Students will select two fields that will guide their studies in LAS. At least one of these must be a disciplinary field, and students will take at least 9 credits in that discipline focused on Latin America. Available LAS disciplinary fields include:

- Anthropology
- Art and Art History
- Economics
- Government
- Hispanic Studies
- History
- Sociology

For a second field, students may select another of these LAS disciplines, taking at least 9 credits in it focused on Latin America; OR design a thematic or global field relevant to the region, choosing courses (at least nine credits) from any discipline or program that together allow for in-depth study of a chosen topic relevant to Latin America. Possible thematic or global fields might include (but are not limited to):

- empire and globalization
- political economy and development

- race and ethnicity
- Latino and diaspora studies
- Indigenous peoples
- human rights and social movements
- environmental studies

The optional thematic or global field must be designed in consultation with and approved by the LAS Program.

At least 9 of the 18 credits required to meet the Major Fields requirement must be taken at the 300-level or above.

See below for course listings by discipline. Other courses in topics in Latin American and Latino Studies not listed below may count and are subject to approval by the Program Director.

Immersion Experience

The immersion experience is defined as an experience beyond the William and Mary classroom clearly linked to Latin America or Latinos residing in other parts of the world. It is designed to give students an opportunity to apply their in-class learning to real-world situations, and develop frameworks for engaging the issues affecting Latin American cultures, nations, and communities. The immersion experience may be tied to a service learning opportunity or study abroad. Students can also satisfy this requirement through an internship that focuses on Latin American or Latino issues in the United States. This is a non-credit bearing requirement. Students who fulfill this requirement by participating in a William and Mary study abroad program or through an LAS-affiliated program such the Borderlands or the National Security Archives programs should complete a pre-approval form (available on the LAS web-site) and enroll in LAS 400. In other cases fulfillment of the immersion requirement is subject to the approval of the LAS program director.

Language Requirement

The concentration in Latin American Studies includes a language requirement that exceeds the College-wide proficiency requirement. The requirement can be met with three credits at the 300-level or above taught in a target language spoken in the region. Although William and Mary is not currently able to offer regional languages besides Spanish, a student could count another language (for example, Portuguese or Nahuatl) if they can demonstrate proficiency through accredited academic courses taken domestically or abroad. In special cases this requirement can be satisfied by an equivalent language immersion experience subject to approval by the LAS Program Director.

Senior seminar:

This requirement is met by taking a 400-level seminar (3 or 4 credits) from the courses listed in the Latin American curriculum. Senior seminars often will be cross-listed as LAS 450. It is suggested that the senior seminar be fulfilled with a course from one of the student's disciplinary or thematic fields, though any LAS 450 or senior seminar on Latin America from one of the LAS disciplines will fulfill the requirement. The senior seminar requirement can also be fulfilled through the pursuit of honors in Latin American Studies.

Electives:

The elective requirement can be met by taking additional credits from course offerings in Latin American Studies, to bring total credits up to 33. The list of courses approved for LAS credit is published each semester on the LAS website.

Course Listings:

Anthropology

- ANTH 314 - Archaeology of Mesoamerica *(3)*
- ANTH 320 - Rise and Fall of Civilizations *(3)*
- ANTH 330 - Caribbean Cultures *(3)*
- ANTH 332: Race, Gender, and Popular Culture in Brazil
- ANTH 338 - Native Cultures of Latin America *(3)*
- ANTH 364 - Artists and Cultures *(3)*

- ANTH 350 - Special Topics in Anthropology *(3-4)* (Latin American topics only or equivalent course approved through study abroad in Latin America)
- ANTH 429 - Exploring the Afro-American Past *(3)* (Latin American topics only)
- ANTH 458 - Caribbean Archaeology *(3)*
- ANTH 460 - Independent Research *(3)* (Latin American topics only)
- ANTH 482 - Arts of the African Diaspora *(3)* (Latin American topics only)

Art History

- ARTH 330 - Topics in Art History *(1-4)* (Latin American topics only or equivalent course approved through study abroad in Latin America)
- ARTH 335 - Art and Architecture of Colonial Latin America *(3)*
- ARTH 395 - The Visual Culture of Colonial Mexico *(3)*
- ARTH 396 - Art of the Andes *(3)*
- ARTH 490: Independent Study (Latin American Topics only)

Economics

- ECON 300 - Topics in Economics *(3)* (ECON 101/151 , 102/152 ; Latin American topics only or equivalent course approved through study abroad in Latin America)
- ECON 346 - Comparative Economic Inequality in Multiracial Societies *(3)* (ECON 101/151 ECON 102/152)
- ECON 382 - Comparative Economics *(3)* (ECON 101/151 ECON 102/152)
- ECON 400 - Topics in Economics *(3-4)* (Latin American topics only. ECON 303 or 304)
- ECON 474 - Seminar in International Economic Integration *(3)* (ECON 303, 304, and 475)
- ECON 475 - International Trade Theory and Policy *(3)* (ECON 303)
- ECON 483 - Macroeconomics of Development *(3)* (ECON 303 and/or ECON 304; Latin American topics only)
- ECON 484 - Economics of Growth *(3)* (ECON 303, ECON 304)
- ECON 490 - Independent Study in Economics *(1-4)* (Latin American or Latino Studies topics only)

Government

- GOVT 312 - Politics of Developing Countries *(3)*
- GOVT 328 - International Political Economy *(3)*
- GOVT 338 - Latin American Politics and Government *(3)*
- GOVT 384 - The Geography of Latin America and the Caribbean *(3)*
- GOVT 391 - Topics in Government *(3)* (Latin American topics only or equivalent course approved through study abroad in Latin America)
- GOVT 416: Revolution and Politics
- GOVT 433 - Seminar: Theories of the International System *(4)*
- GOVT 491 - Seminar: Topics in Government *(4)* (Latin American topics only)
- GOVT 494 - Independent Study *(1-3)* (Latin American or Latino Studies topics only)

Hispanic Studies

- HISP 280 - Introduction to Hispanic Studies *(3)* (discussion sessions in English)

- HISP 281 - Introduction to Hispanic Studies *(3)* (discussion sessions in Spanish) (HISP 202 or equivalent required; HISP 207 or equivalent recommended)
- HISP 290 - Sophomore Seminar: Topics in Hispanic Studies *(3)* (Latin American or Latino Studies topics only)
- HISP 320 - Topics in Hispanic Cinema *(3)* [HISP 280, 281 or consent of the instructor, Latin American or Latino Studies topics only]
- HISP 321 - Cultural Studies Criticism Through Poetry and Photography *(3)* (Latin American or Latino Studies topics only)
- HISP 322 - Issues in Mexican Culture *(3)* [HISP 280 OR HISP 281]
- HISP 323 - Issues in Mexican Culture: On-Site Research *(1-3)* [HISP 280 OR HISP 281]
- HISP 325 - Topics in Hispanic Cultural Studies *(3)* (Latin American or Latino Studies topics only)
- HISP 360 - Cultural Constructions of the Environment in Latin America *(3)* [HISP 280 OR HISP 281]
- HISP 361 - Life on the Hyphen *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 374 - Imagining the Spanish Transatlantic Empire: Early Modern Hispanic Culture (1492-1700) *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 380 - Cultural Transformation in Cuba and Puerto Rico *(3)*
- HISP 383 - Issues in Visual Culture *(3)*

  [One HISP course numbered between 290 and 360, or consent of instructor] (Latin American or Latino Studies topics only)
- HISP 389 - Topics in Hispanic Studies in English *(1-3)* (Latin American or Latino Studies topics only) [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 390 - Topics in Hispanic Studies *(1-4)* (Latin American or Latino Studies topics only or equivalent course approved through study abroad in Latin America) [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 391 - Masterworks: Issues in Canon Formation *(3)* (Latin American or Latino Studies topics only) [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 392 - Special Themes in Hispanic Studies *(1-4)* [HISP 208 or 281] (Latin American or Latino Studies topics only)
- HISP 394 - Fashioning the Nation *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 399 - International Service-Learning Seminar & Internship *(1-4)* (programs in Latin America only) [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 417 - Hispanic Cinema *(3)* (Latin American or Latino Studies topics only) [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 478 - Pedagogy and Culture in Latin America *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 480 - Cultures of Dictatorship *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 481 - Local and Global Issues in 20th Century Poetry *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 483 - Issues in Farmworker Culture *(3)* [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 484 - Gender Issues in Hispanic Culture *(3)*

  [One HISP course numbered between 290 and 360, or consent of instructor]

- HISP 489 - Seminar in Hispanic Studies *(3)* (Latin American or Latino Studies topics only) [One HISP course numbered between 290 and 360, or consent of instructor]
- HISP 492 - Independent Study *(3)* (Latin American or Latino Studies topics only) [Another 400-level HISP course or equivalent]
- HISP 498 - Internship *(1-4)* (Latin American or Latino Studies topics only)

History

- HIST 211 - Topics in History *(3)* (Latin American topics or equivalent approved through study abroad in Latin America)
- HIST 212 - Topics in History *(3)* (Latin American topics or equivalent approved through study abroad in Latin America)
- HIST 309 - The Caribbean *(3)*
- HIST 304 - History of Brazil *(3)*
- HIST 305 - History of Mexico *(3)*
- HIST 311 - Topics in History *(1-4)* (Latin American topics or equivalent approved through study abroad in Latin America)
- HIST 312 - Topics in History *(1-4)* (Latin American topics or equivalent approved through study abroad in Latin America)
- HIST 313 - Topics in Women's History *(3)* (Latin American topics or equivalent approved through study abroad in Latin America)
- HIST 467 - Independent Study *(3)* (Latin American topics only)
- HIST 468 - Independent Study *(3)* (Latin American topics only)
- HIST 490C - Capstone Seminar *(4)* (Latin American topics only)
- HIST 491C - Capstone Seminar *(4)* (Latin American topics only)

Sociology

- SOCL 313 - Globalization and International Development *(3)*
- SOCL 337 - Immigration, Assimilation and Ethnicity *(3)*
- SOCL 350 - Critical Engagement in Context *(4)*
- SOCL 408 - Migration in a Global Context *(3)*
- SOCL 409 - Immigration, Citizenship, and Border Studies *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- SOCL 431 - Comparative Race Relations *(3)*
- SOCL 440 - Special Topics in Sociology *(1-3)* (Latin American or Latino Studies topics only or equivalent course approved through study abroad in Latin America)
- SOCL 480 - Readings in Sociology *(1-3)* (Latin American or Latino Studies topics only)
- SOCL 481 - Readings in Sociology *(1-3)* (Latin American or Latino Studies topics only)
- SOCL 490 - Independent Research *(1-4)* (Latin American or Latino Studies topics only)

Latin American Studies, Minor

Core Requirements:

A minor in Latin American Studies requires 18 semester credit hours in the interdisciplinary field of Latin American Studies.

Students are required to take HIST 131 or HIST 132 (cross-listed as LAS 131 and LAS 132). No more than 50 percent of the credit hours can be taken in any one academic department and at least 3 of the 18 semester credit hours should be taken at the 300-400 level. Courses taken while participating in William and Mary's approved study-abroad programs can count toward the minor. Students minoring in Latin American studies are encouraged to take LAS 350. Courses for the minor can be selected from the current list of courses offered in Latin American Studies.

Middle Eastern Studies Minor

Core Requirements:

A minor in Middle Eastern Studies requires 18 semester credit hours in the interdisciplinary field of Middle Eastern Studies. No more than 50 percent of the credit hours can be taken in any one academic department and at least 9 of the 18 semester credit hours should be taken at the 300-400 level. Courses taken while participating in William and Mary's approved study-abroad programs can count towards the minor. Minors are encouraged to take AMES 250. Courses for this minor can be selected from the list for Middle Eastern Studies. Students are required to take any two courses from the following:

- ANTH 331 - Culture and Society in the Modern Middle East and North Africa *(3)*
- ANTH 333 - Anthropology of Islam *(3)*
- ANTH 350 - Special Topics in Anthropology *(3-4)* (Middle Eastern Topics Only)
- ANTH 470 - Senior Seminar in Anthropology *(4)* (Middle Eastern Topics Only)
- ARAB 309 - Survey of Arabic Literature in Translation *(3)*
- ARAB 310 - Topics in Modern Arabic Literature in Translation *(3)*
- ARAB 311 - Special Topics in Arabic Culture *(3)*
- ARTH 330 - Topics in Art History *(1-4)* (Middle Eastern Topics Only)
- ARTH 460 - Seminar Topics in Art History *(3)* (Middle Eastern Topics Only)
- GOVT 339 - Middle Eastern Political Systems *(3)*
- HIST 171 - History of the Middle East to 1400 *(3)*
- HIST 172 - Modern Middle East since 1400 *(3)*
- MUSC 367 - Topics in Ethnomusicology *(4)* (Middle Eastern Topics Only)
- MUSC 372 - Music Cultures of the Middle East *(4)*
- RELG 212 - Introduction to Islam *(3)*
- RELG 317 - Women in Islam: Tradition and Change *(3)*
- RELG 318 - Islam in the Modern World *(3)*

Middle Eastern Studies Track, Asian & Middle Eastern Studies, Global Studies, BA

Global Studies Common Core

Common Core:

All concentrators, regardless of the track, are required to take the following:

- AMES 250 - Critical Issues in Asian and Middle Eastern Studies *(3)*

- AMES 493 - Senior Research in Asian and Middle Eastern Studies *(2)*
- a 3-credit course outside of the region of their chosen track. *

Note:

AMES 493 fulfills both the MWR and CPR for the concentration. The common core will fulfill 7 credits.

* For example, if a student's track is East Asian Studies, he or she must complete a 3-credit course that focuses on Southeast Asia, South Asia, the Middle East, or any other Asia-related course outside of East Asian Studies.

Tracks:

The remaining 30 credits are to come from courses that are specific to each of the two tracks that form the concentration. These are described below. Consult the AMES website for a list of courses.

Major Writing Requirement (MWR)

The major writing requirement is satisfied by completing AMES 493 with a grade of C- or better.

Major Computer Proficiency Requirement (CPR)

The computing proficiency requirement is satisfied by completing AMES 493 with a grade of C- or better.

Line 1: Core Course (Required)

- AMES 250 - Critical Issues in Asian and Middle Eastern Studies *(3)*

Lines 2 and 3: Advanced Arabic Language Courses (Choose Two)

Students are required to take two courses through the 302-level in Arabic, or 202-level proficiency in two languages (two Middle Eastern languages or one Middle Eastern language and another language from the AMES region, e.g. Japanese). Although the College is not currently able to offer languages beyond Arabic, a student could count another Middle Eastern language (for example, Persian, Turkish, Modern Hebrew) provided they can demonstrate proficiency through accredited academic courses taken domestically or abroad. This requirement will fulfill 6 credits.

- ARAB 290 - Topics in Arabic Dialects *(3)*
- ARAB 301 - Advanced Arabic I: Introduction to Arabic Literature and Society *(3)*
- ARAB 302 - Advanced Arabic II: Arabic Literature and Society *(4)*
- ARAB 303: Media Arabic (ARAB 302 or consent of instructor)
- ARAB 304 - Introduction to Arabic Dialects *(3)* (ARAB 201)
- ARAB 305 - Directed Readings in Arabic *(3)*
- ARAB 306 - Directed Readings in Arabic *(3)*
- ARAB 307 - Arab Civilization in Transition: Self, Culture, and Society in the Modern Period *(3)*
- ARAB 308 - Bridging Heritage and Modernity: Modern Forms and Classical Themes in Arabic Literary Writing *(3)*
- ARAB 401: Classical Arabic Literature
- ARAB 411 - Independent Study *(3)*

Line 4: History & Politics (Choose One)

- GOVT 339 - Middle Eastern Political Systems *(3)*
- HIST 171 - History of the Middle East to 1400 *(3)*
- HIST 172 - Modern Middle East since 1400 *(3)*

Line 5: Religion & Anthropology (Choose One)

- RELG 212 - Introduction to Islam *(3)*
- RELG 317 - Women in Islam: Tradition and Change *(3)*
- RELG 318 - Islam in the Modern World *(3)*
- ANTH 331 - Culture and Society in the Modern Middle East and North Africa *(3)*
- ANTH 333 - Anthropology of Islam *(3)*
- ANTH 350 - Special Topics in Anthropology *(3-4)* (Middle Eastern Topics Only)
- ANTH 470 - Senior Seminar in Anthropology *(4)* (Middle Eastern Topics Only)

Line 6: Literature & the Arts (Choose One)

- MUSC 372 - Music Cultures of the Middle East *(4)*
- MUSC 367 - Topics in Ethnomusicology *(4)* Middle Eastern Topics Only (e.g. Mediterranean Musical Mosaic)
- ARAB 309 - Survey of Arabic Literature in Translation *(3)*
- ARAB 310 - Topics in Modern Arabic Literature in Translation *(3)*
- ARAB 311 Special Topics in Arabic (can be repeated for credit)
- ARTH 330 - Topics in Art History *(1-4)* (Middle Eastern Topics Only)
- ARTH 460 - Seminar Topics in Art History *(3)* (Middle Eastern Topics Only)

Line 7: Any course from lines 4, 5, or 6 (Choose One)

Lines 8, 9, 10 and 11: Electives (Choose four)

- AMES 290 - Topics in Asian and Middle Eastern Studies *(1-4)*
- AMES 390 - Topics in Asian and Middle Eastern Studies *(1-4)*
- AMES 480 - Independent Study in Asian and Middle Eastern Studies *(1-3)*
- ANTH 150 - First Year Seminar *(4)* (Middle Eastern topics only)
- ANTH 331 - Culture and Society in the Modern Middle East and North Africa *(3)*
- ANTH 333 - Anthropology of Islam *(3)*
- ANTH 350 - Special Topics in Anthropology *(3-4)* (Middle Eastern topics only)
- ANTH 470 - Senior Seminar in Anthropology *(4)* (Middle Eastern topics only)
- ARAB 150: Freshman Seminar
- ARAB 290 - Topics in Arabic Dialects *(3)*
- ARAB 307 - Arab Civilization in Transition: Self, Culture, and Society in the Modern Period *(3)* (in Arabic)
- ARAB 308 - Bridging Heritage and Modernity: Modern Forms and Classical Themes in Arabic Literary Writing *(3)* (in Arabic)
- ARAB 309 - Survey of Arabic Literature in Translation *(3)*
- ARAB 310 - Topics in Modern Arabic Literature in Translation *(3)*
- ARAB 311 Special Topics in Arabic (can be repeated for credit)
- ARAB 401: Classical Arabic Literature
- ARAB 411 - Independent Study *(3)*
- ARTH 330 - Topics in Art History *(1-4)* (Middle Eastern topics only)

- ARTH 460 - Seminar Topics in Art History *(3)* (Middle Eastern topics only)
- GBST 390 - Topics in Global Studies *(1-4)* (Middle Eastern topics only)
- GBST 480 - Independent Study in Global Studies *(3)* (Middle Eastern topics only)
- GBST 498 - Internship *credits to be arranged*
- GOVT 339 - Middle Eastern Political Systems *(3)*
- GOVT 312 - Politics of Developing Countries *(3)*
- GOVT 391 - Topics in Government *(3)* (Middle Eastern topics only)
- GOVT 491 - Seminar: Topics in Government *(4)* (Middle Eastern topics only)
- HIST 150 - First Year Seminar *(4)* (Middle Eastern topics only)
- HIST 171 - History of the Middle East to 1400 *(3)*
- HIST 172 - Modern Middle East since 1400 *(3)*
- HIST 211 - Topics in History *(3)* (Middle Eastern topics only)
- HIST 212 - Topics in History *(3)* (Middle Eastern topics only)
- HIST 311 - Topics in History *(1-4)* (Middle Eastern topics only)
- HIST 312 - Topics in History *(1-4)* (Middle Eastern topics only)
- HIST 490C - Capstone Seminar *(4)* (Middle Eastern topics only)
- HIST 491C - Capstone Seminar *(4)* (Middle Eastern topics only)
- INTL 390: Topics in International Studies (Middle Eastern topics only)
- INTL 480: Independent Study in International Studies (Middle Eastern topics only)
- MUSC 367 - Topics in Ethnomusicology *(4)* (Middle Eastern Topics Only)
- MUSC 372 - Music Cultures of the Middle East *(4)*
- RELG 211 - Introduction to the History of Jewish Thought *(3)*
- RELG 212 - Introduction to Islam *(3)*
- RELG 308 - Topics in Religious Studies *(3-4)* (Islamic topics only)
- RELG 317 - Women in Islam: Tradition and Change *(3)*
- RELG 318 - Islam in the Modern World *(3)*

Line 12: Course on East or South Asia (Choose One)

This course is chosen in consultation with a member of the East Asian Studies faculty to form a coherent program of study.

Line 13: Capstone (Required)

- AMES 493 - Senior Research in Asian and Middle Eastern Studies *(2)*

Russian & Post-Soviet Studies, Global Studies, BA

Russian and Post-Soviet Studies (RPSS) is an interdisciplinary program that introduces students to culture, history and politics of a vast region spanning from East-Central Europe to the Siberia and Central Asia. The curriculum for the RPSS concentration and the RPSS minor includes courses in politics, history, literature, film, and media of the region, and the Russian language.

Lines 1 & 2. Russian Language (Choose Two)

- RUSN 300 - Russian Study Abroad *(1-4)*
- RUSN 303 - Advanced Russian: Conversation, Composition, Reading I *(3)* (RUSN 202 or consent of instructor)
- RUSN 304 - Advanced Russian: Conversation, Composition, Reading II *(3)* (RUSN 303 or consent of instructor)

Lines 3 & 4. Literature & Culture in Russian (Choose at least two; 6 credits total)

- RPSS 290 - Topics in Russian and Post-Soviet Studies *(1-4)*
- RUSN 305 - Directed Readings in Russian Literature *(3)* (RUSN 330 or consent of instructor)
- RUSN 306 - Directed Readings in Russian Literature *(3)* (RUSN 330 or consent of instructor)
- RUSN 310 - Advanced Conversation (Taught in Russian) *(3)* (RUSN 303 or consent of instructor)
- RUSN 320 - Russian Cultural History (Taught in Russian) *(3)* (RUSN 303 or consent of instructor)
- RUSN 330 - Survey of Russian Literature (Taught in Russian) *(3)* (RUSN 304 or consent of instructor)
- RUSN 340 - Russian Media Culture (Taught in Russian) *(3)* (RUSN 303 or consent of instructor)
- RUSN 350 - Topics in Russian Literature (Taught in Russian) *(1-4)* (RUSN 202)
- RUSN 393 - Special Themes in Russian Language and Culture (Taught in Russian) *(1)*
- RUSN 402 - Russian Poetry *(3)* (RUSN 303, RUSN 304, or consent of instructor)
- RUSN 410 - Seminar in Russian Literature and Culture *(3)* (RUSN 320 or RUSN 330 or consent of instructor)

Lines 5 & 6. Literature & Culture in Translation (Choose Two)

- RPSS 201 - Introduction to Russian and Post-Soviet Studies *(3)*
- RPSS 490 - Senior Research Seminar *(3)*
- RUSN 250 - Russian Myths and Legends *(3)*
- RUSN 308 - Topics in Russian Literature and Culture (Taught in English) *(1-4)*
- RUSN 309 - Topics in Russian Cinema (Taught in English) *(3)*
- RUSN 380 - Russian Cinema: 'The Most Important Art' (Taught In English) *(4)*
- RUSN 387 - Love, Adultery and Prostitution in 19th Century Literature (Taught in English) *(3)*
- RUSN 388 - Revolution, Crime, and Romance in 20th Century Russian Literature (Taught in English) *(3)*
- RUSN 390 - Russian Literature Since the Death of Stalin (Taught in English) *(3)*
- RUSN 396 - Major Works of Chekhov (Taught in English) *(3)*
- RUSN 397 - Major Works of Dostoevsky (Taught in English) *(3)*
- RUSN 398 - Major Works of Tolstoy (Taught in English) *(3)*
- RUSN 411 - Independent Study *(1-3)*

Lines 7 & 8. Russian and East European History (Choose Two)

- HIST 212 - Topics in History *(3)* (Russian and East European topics only)
- HIST 373 - East Central Europe *(3)*

- HIST 377 - History of Russia to 1800 *(3)*
- HIST 378 - History of Russia since 1800 *(3)*
- RPSS 390 - Topics in Russian and Post-Soviet Studies *(1-4)*
- RPSS 490 - Senior Research Seminar *(3)*

Lines 9 & 10. Government and Economics (Choose Two)

- ECON 382 - Comparative Economics *(3)* (ECON 101 / ECON 151 , ECON 102 / ECON 152)
- GBST 390 - Topics in Global Studies *(1-4)*
- GBST 480 - Independent Study in Global Studies *(3)* (Russian and East European topics only)
- GBST 495 - Senior Honors in Global Studies *(3)* (Russian and East European topics only)
- GBST 496 - Senior Honors in Global Studies *(3)* (Russian and East European topics only)
- GOVT 150 - First-Year Seminar *(4)* (Russian and East European topics only)
- GOVT 334 - Russian and Post-Soviet Politics *(3)*
- GOVT 335 - The Politics of Eastern Europe *(3)*
- GOVT 391 - Topics in Government *(3)* (Russian and East European topics only)
- GOVT 403 - Seminar: Comparative Politics *(4)*
- GOVT 491 - Seminar: Topics in Government *(4)* (Russian and East European topics only)

Line 11. Electives (Choose One)

A course from any of the above lines that is taken but not needed to fulfill that line requirement may serve as an elective.

- GOVT 150 - First-Year Seminar *(4)* (Russian and East European topics only)
- HIST 150 - First Year Seminar *(4)* (Russian and East European topics only)
- RUSN 150 - First Year Seminar *(4)*

Russian and Post-Soviet Studies, Minor

Core Requirements:

An interdisciplinary minor in Russian and Post-Soviet Studies requires 18 semester credit hours. Students are required to take courses from at least three departments.

Lines 1 and 2. (Choose at least 2, 6 credits total)

- RPSS 290 - Topics in Russian and Post-Soviet Studies *(1-4)*
- RUSN 300 - Russian Study Abroad *(1-4)*
- RUSN 303 - Advanced Russian: Conversation, Composition, Reading I *(3)* (in Russian); RUSN 202 or consent of instructor)
- RUSN 304 - Advanced Russian: Conversation, Composition, Reading II *(3)* (in Russian) (RUSN 303 or consent of instructor)
- RUSN 320 - Russian Cultural History (Taught in Russian) *(3)* (RUSN 303 or consent of instructor)
- RUSN 340 - Russian Media Culture (Taught in Russian) *(3)* (RUSN 303 or consent of instructor)
- RUSN 392 - Special Themes in Russian Literature and Culture (Taught in English) *(1)*

- RUSN 393 - Special Themes in Russian Language and Culture (Taught in Russian) *(1)*

Line 3. (Choose One)

- RPSS 201 - Introduction to Russian and Post-Soviet Studies *(3)*
- RUSN 308 - Topics in Russian Literature and Culture (Taught in English) *(1-4)*
- RUSN 309 - Topics in Russian Cinema (Taught in English) *(3)*
- RUSN 330 - Survey of Russian Literature (Taught in Russian) *(3)* (RUSN 304 or consent of instructor)
- RUSN 340 - Russian Media Culture (Taught in Russian) *(3)* (RUSN 303)
- RUSN 350 - Topics in Russian Literature (Taught in Russian) *(1-4)* (RUSN 202)
- RUSN 380 - Russian Cinema: 'The Most Important Art' (Taught In English) *(4)*
- RUSN 387 - Love, Adultery and Prostitution in 19th Century Literature (Taught in English) *(3)*
- RUSN 388 - Revolution, Crime, and Romance in 20th Century Russian Literature (Taught in English) *(3)*
- RUSN 397 - Major Works of Dostoevsky (Taught in English) *(3)*

Lines 4, 5 and 6. (Choose Three Courses From at Least Two Departments)

- HIST 212 - Topics in History *(3)* (Russian and East European topics only)
- HIST 377 - History of Russia to 1800 *(3)* (to 1861)
- HIST 378 - History of Russia since 1800 *(3)* (1861 to the present)
- ECON 382 - Comparative Economics *(3)* (ECON 101/ECON 151 , ECON 102/ECON 152 ; Russian & East European topics only)
- GOVT 334 - Russian and Post-Soviet Politics *(3)*
- GOVT 335 - The Politics of Eastern Europe *(3)*
- GOVT 391 - Topics in Government *(3)* (Russian and East European topics only)
- GOVT 491 - Seminar: Topics in Government *(4)* (Russian and East European topics only)
- RPSS 490 - Senior Research Seminar *(3)*

South Asian Studies, Minor

Core Requirements:

A minor in South Asian Studies provides an interdisciplinary exposure to South Asian history, politics, economics and culture of Afghanistan, Bangladesh, Bhutan, India, Myanmar, Nepal, Pakistan and Sri Lanka. Courses taken in South Asian Studies emphasize both that which is distinctively South Asian, as well as the linkages between the South Asia region and other regions. Proficiency in a South Asian language is not a requirement for the minor. A minor in South Asian Studies requires 18 semester credit hours in the interdisciplinary field of South Asian Studies. No more than 50 percent of the credit hours can be taken in any one academic department and at least 9 of the 18 semester credit hours should be taken at the 300-400 level. Courses taken while participating in William and Mary's Summer Program in Goa will count towards the minor, as will other approved study-abroad programs.

Course Descriptions

Africana Studies

AFST 319 - The Caribbean

Fall or Spring (3) Staff (College 200, CSI)
Situated at the crossroads of Africa, Europe, Latin America, and the United States, the Caribbean has played a pivotal role in global transformations since 1492. The region's past helped shape and was shaped by many of the contradictory themes defining modern history: slavery and freedom, racism and equality, empire and independence, despotism and democracy, and migration and transnationalism. Focusing on Puerto Rico, the Dominican Republic, Jamaica, and especially Haiti and Cuba, we will explore these themes in Caribbean history from the Haitian Revolution to the present. The course is structured around class discussion. Grading will be based on brief papers and class participation. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with HIST 309 and LAS 309.)

Asian and Middle Eastern Studies

AMES 200 - Transfer Elective Credit

AMES 250 - Critical Issues in Asian and Middle Eastern Studies

Spring (3) Staff (College 200, CSI)
This core course employs interdisciplinary approaches to critically examine selected intellectual and cultural themes in a broadly conceived "Asia," including East Asia, South Asia, Southeast Asia, the Middle East, and the Asia-Pacific. Team taught. Themes may vary from year to year but will focus on issues relevant to the Asian experience: Orientalism, Postcolonialism, etc. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

AMES 290 - Topics in Asian and Middle Eastern Studies

Fall or Spring (1-4) Staff
Selected topics in AMES are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

AMES 300 - Transfer Elective Credit

AMES 312 - Learning from Dubai: Asian and Middle Eastern Cities

Spring (3) Sheehi, Staff (College 200, ALV)
The class is an exploration into the relationship between local culture, architecture, regional politics, and economic globalization in Asian and Middle Eastern Cities, using Dubai as a model. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

AMES 332 - Sex & Race in Plays & Films: Dramatizing Diversity

Spring (4) Tanglao-Aguas, Staff (College 200, ACTV, ALV, GER 4C, GER 6)
Study of sexuality, gender and race in plays and films dramatizing marginalized communities in the United States and selected countries like France, Iran, Martinique, Mexico, the Philippines, Senegal, and Turkey. Course work includes acting, creative projects, teaching methods, and analytical essays. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with AFST 332, GSWS 332, THEA 332.)

AMES 333 - South & South East Asian Folklore Performance

Fall or Spring (3-4) Tanglao-Aguas (ACTV, GER 4B, GER 6)
Interdisciplinary journey into the sociocultural history, aesthetics, languages, and performance of ceremony, dance, folklore, oral literature, performance and ritual in South and Southeast Asia. Students will learn to sing, dance, act, and chant in scenes from sacred epics. (Cross listed with DANC 333 or THEA 333)

AMES 351 - Short Course in Asian and Middle Eastern Studies

Fall or Spring (1) Staff
Selected topics in Asian and Middle Eastern Studies are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit.

AMES 390 - Topics in Asian and Middle Eastern Studies

Fall or Spring (1-4) Staff
Selected topics in AMES are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

AMES 480 - Independent Study in Asian and Middle Eastern Studies

Fall or Spring (1-3) Staff
For majors and minors who have completed most of their requirements and who have secured approval from a supervising instructor. AMES 480 may be repeated for credit, if the topic varies.

AMES 493 - Senior Research in Asian and Middle Eastern Studies

Fall (2) Staff. Prerequisite(s): AMES 250 or instructor permission.
A research and discussion forum based around themes relevant to AMES area studies, in which students present and comment on their own and each other's original research papers. Students will revise papers for presentation at the AMES Senior Research Colloquium held each spring. The class will read representative scholarship from multiple regions. Instructor provides overarching theme, core readings, background lectures on research methods, and guidelines on revising and presenting papers. Open to juniors and seniors only.

AMES 495 - Senior Honors in Asian and Middle Eastern Studies

Fall and Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

AMES 496 - Senior Honors in Asian and Middle Eastern Studies

Fall and Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

European Studies

EURS 200 - Transfer Elective Credit

EURS 201 - Introduction to European Studies

Fall or Spring (3) (College 200, ALV, CSI)
An introduction to the interdisciplinary field of European Studies. Students explore how Europe has emerged and been contested as an idea, dynamic region, and shared community. Topics include 1) Imagining Europe; 2) The European Mix: Peoples, Ideas, Spaces; and 3) European Integration. This course fulfills the Major Computing Requirement. (This course is anchored in the ALV and CSI domains.)

EURS 207 - Film Course in European Studies

Spring (1)
This course uses film to explore how Europeans have engaged a range of contemporary cultural, social, and political concerns. Topics change each semester. May be repeated for credit.

EURS 290 - Topics in European Studies

Fall or Spring (1-4) Staff
Selected topics in EURS are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

EURS 300 - Transfer Elective Credit

EURS 390 - Topics in European Studies

Fall or Spring (1-4) Staff
Selected topics in EURS are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

EURS 470 - Research Seminar in European Studies

Spring (1-4)
This course explores a European topic of contemporary significance through multidisciplinary readings that span several national contexts. Students develop independent research projects related to the topic. The course fulfills the Major Writing Requirement.

EURS 480 - Independent Study in European Studies

Fall or Spring (1-3) Staff
For majors and minors who have completed most of their requirements and who have secured approval from a supervising instructor. EURS 480 may be repeated for credit, if the topic varies.

EURS 495 - Senior Honors in European Studies

Fall, Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

EURS 496 - Senior Honors in European Studies

Fall, Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

Global Studies

GBST 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Global Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion. Sample topics might include: globalization, migration, and nationalism.

GBST 390 - Topics in Global Studies

Fall or Spring (1-4) Staff
Selected topics in Global Studies are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit.

GBST 391 - Short Course in Global Studies

Fall or Spring (1) Staff
Selected topics in Global Studies are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit.

GBST 480 - Independent Study in Global Studies

Fall and Spring (3) Staff Prerequisite(s): Consent of instructor.
For majors who have completed most of their major requirements and who have secured approval from a supervising instructor. A Global Studies major can include no more than six hours of independent study. These courses may be repeated for credit, if the topic varies.

GBST 495 - Senior Honors in Global Studies

Fall, Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

GBST 496 - Senior Honors in Global Studies

Fall, Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

GBST 498 - Internship

Fall and Spring credits to be arranged Staff
An internship offers work experience relevant to Global Studies, including international work experience, while providing opportunities to apply and develop ideas, languages and research techniques outside the classroom. Internships must be developed in cooperation with an on-site internship supervisor and a sponsoring William and Mary faculty member and must be approved in advance.

Latin American Studies

LAS 100 - Critical Questions in Latin American Studies

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Latin American Studies for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

LAS 131 - Survey of Latin American History to 1824

Fall (3) Konefal, Staff (CSI)
The development of Latin America from Pre-Columbian times to 1824 with emphasis on the interaction of European, Indian and African elements in colonial society. (Cross-listed with HIST 131)

LAS 132 - Survey of Latin American History, 1824-present

Spring (3) Konefal, Staff (College 200, CSI, GER 4B)
The development of Latin America from 1824 to the present, emphasizing the struggle for social justice, political stability and economic development. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with HIST 132)

LAS 200 - Transfer Elective Credit

LAS 290 - Topics in Latin American Studies

Fall or Spring (1-4) Staff
Selected topics in LAS are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

LAS 300 - Transfer Elective Credit

LAS 309 - The Caribbean

Fall or Spring (3) Staff. (College 200, CSI)
Situated at the crossroads of Africa, Europe, Latin America, and the United States, the Caribbean has played a pivotal role in global transformations since 1492. The region's past helped shape and was shaped by many of the contradictory themes defining modern history: slavery and freedom, racism and equality, empire and independence, despotism and democracy, and migration and transnationalism. Focusing on Puerto Rico, the Dominican Republic, Jamaica, and especially Haiti and Cuba, we will explore these themes in Caribbean history from the Haitian Revolution to the present. The course is structured around class discussion. Grading will be based on brief papers and class participation. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with AFST 319 / HIST 309.)

LAS 350 - Latin American Cultures, Politics and Societies

Fall (3) (College 200, CSI)
Interdisciplinary study of the cultural practices, political economies, and societal structures of Latin America with an emphasis on contemporary issues that have their roots in Latin American colonial foundations and nation-building. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

LAS 380 - Cultural Transformation in Cuba and Puerto Rico

Fall or Spring (3) Stock Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
The course examines the relationship between expressive culture (literature, film, popular music) and the formation of cultural identity in two contexts: Cuba and Puerto Rico. (Cross-listed with HISP 380)

LAS 390 - Topics in Latin American Studies

Fall or Spring (1-4) Staff
Selected topics in LAS are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

LAS 400 - Immersion Experience in LAS

Fall or Spring (0) Staff
Immersion Experience: An experience beyond the William and Mary classroom clearly linked to Latin America or Latino populations. LAS 400 or approval of LAS director required of LAS majors.

LAS 440 - Seminar Topics in Latin American Studies

Fall or Spring (1-4) Staff
Selected seminar topics in LAS are offered occasionally. These seminars may be repeated for credit if the topic varies.

LAS 450 - Senior Seminar in Latin American Studies

Fall or Spring (1-4) Staff
Senior-level, in depth study of a topic relevant to Latin American Studies.

LAS 480 - Independent Study in Latin American Studies

Fall or Spring (1-3) Staff
For majors and minors who have completed most of their requirements and who have secured approval from a supervising instructor. LAS 480 may be repeated for credit, if the topic varies.

LAS 495 - Senior Honors in Latin American Studies

Fall, Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

LAS 496 - Senior Honors in Latin American Studies

Fall, Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalogue section.

Russian and Post-Soviet Studies

RPSS 200 - Transfer Elective Credit

RPSS 201 - Introduction to Russian and Post-Soviet Studies

Fall or Spring (3) Corney, Prokhorova, Prokhorov (College 200, ALV)
This course serves as a "gateway" to the Russian and Post-Soviet Studies major and provides an empirical, conceptual and methodological foundation for the more advanced courses. It introduces students to some of the key facts, debates and myths in and about the region; discusses the concept of "Russia" as it has been conceived of by various disciplines; and demonstrates the interdisciplinary approach through a case study. Topics may vary: consumption and everyday life; Russia and the West, etc. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

RPSS 290 - Topics in Russian and Post-Soviet Studies

Fall or Spring (1-4) Staff
Selected topics in RPSS are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

RPSS 300 - Transfer Elective Credit.

RPSS 390 - Topics in Russian and Post-Soviet Studies

Fall or Spring (1-4) Staff
Selected topics in RPSS are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit if the topic varies.

RPSS 480 - Independent Study in Russian and Post-Soviet Studies.

Fall or Spring (1-3) Staff
For majors and minors who have completed most of their requirements and who have secured approval from a supervising instructor. RPSS 480 may be repeated for credit, if the topic varies.

RPSS 490 - Senior Research Seminar

Fall or Spring (3) Staff
This course is designed as a capstone experience for Russian and Post-Soviet Studies concentrators to guide them in synthesizing their course work and field experiences. It is a variable topics course which brings together critical thinking, research, and communication skills. Fulfills the Major Writing Requirement. May be repeated for credit if topics differ. Open to juniors and seniors only.

RPSS 495 - Senior Honors in Russian and Post-Soviet Studies

Fall (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalog section.

RPSS 496 - Senior Honors in Russian and Post-Soviet Studies

Spring (3) Staff
Please see the detailed description of the honors process in the opening of the Global Studies catalog section.

Government [Back to Table of Contents]

Faculty

Professors

Blouet (Huby Professor of Geography and International Education), **Cheng** (Class of 1935 Professor of Government), **Clemens** (Chancellor Professor of Government), **Dessler**, **Evans** (Newton Family Professor of Government), **Gilmour**, **Hanson** (Lettie Pate Evans Professor of Government), **Howard** (Pamela C. Harriman Professor of Government and Public Policy), **Manna** (Chair, Isabelle and Jerome E. Hyman Distinguished University Professor of Government), **McGlennon, Peterson** (Wendy and Emery Reves Professor of Government and International Relations), **Rapoport** (John Marshall Professor of Government), **Schwartz** (Weingartner Professor) and **Tierney** (George C. and Mary C. Hylton Professor of International Relations)

Associate Professors

Lombardini, Mullen, **Nemacheck**, **Oakes** (University Associate Professor of Teaching Excellence), **Pickering**, **Stow** and **van der Veen**

Assistant Professors

Holmes, **Kaplow**, **Maliniak**, **Roessler**, **Settle**, and **Shushan**

Visiting Assistant Professors

French, Rahman and **Smith**

Visiting Instructors

Doherty, **Poliquin**, **Sasser**, and **Sterling**

Visiting Adjunct Professors

Hart, Henderson, and **Wilkerson**

The Government Program

The Department of Government provides students with opportunities to investigate political phenomena ranging from the behavior of the individual citizen to relations among states in the international arena. The program seeks to develop awareness of the moral and ethical implications of political action as well as understanding of political institutions and processes from an empirical perspective.

The department maintains a strong commitment to the development of writing abilities and research skills. Most 300-level courses in the department require one or more papers. The 400-level seminars require a major paper based on independent student research. Some students, with the approval of the department, also elect an Honors project in Government.

Graduate Program

The department is actively involved in the Thomas Jefferson Program in Public Policy. For degree requirements and a full description of graduate courses in Public Policy, write to the Thomas Jefferson Program in Public Policy for a graduate catalog, or visit http://www.wm.edu/as/publicpolicy/index.php.

Program

Government, BA

Required Credit Hours: 33

Major Computing Requirement:

Students must satisfy a Major Computing Requirement in Government by successfully completing GOVT 301.

Major Writing Requirement:

The Major Writing Requirement is fulfilled by obtaining a grade of "C-" or better in any course numbered between 401 and 491 inclusive.

Core Requirements:

- GOVT 201 - Introduction to American Government and Politics *(3)*
- GOVT 203 - Introduction to Comparative Politics *(3)*
- GOVT 204 - Introduction to International Politics *(3)*

One of the Following Courses in Political Theory:

- GOVT 303 - Survey of Political Theory: The Ancient Tradition *(3)*
- GOVT 304 - Survey of Political Theory: The Modern Tradition *(3)*
- GOVT 305 - Contemporary Political Theory *(3)*
- GOVT 392 - Topics in Political Theory *(3)*

Additional Requirements:

- GOVT 301 - Research Methods *(3)*
- One upper-level Government seminar numbered between 401 and 491

Note:

Students planning to major in Government are strongly advised to complete GOVT 201, GOVT 203, GOVT 204 and GOVT 301 before junior year.

No more than two Geography courses may be counted toward a major in Government: GOVT 381, GOVT 382, GOVT 384 and GOVT 386.

One freshman seminar in Government may be counted toward the Government major.

It is recommended that majors complete ECON 101-ECON 102 and carry foreign language study beyond the 202-level.

No more than 6 total credits from any of the combination of the following courses may be counted toward the major in Government: GOVT 494, GOVT 498, INTR 499. Credits beyond 6 would still count toward the 120 credits needed for graduation.

Consult the Department website (http://www.wm.edu/as/government/) for updated information about curricular requirements, course offerings, and other opportunities.

Course Descriptions

GOVT 100 - Critical Questions in Government

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Government for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

GOVT 150 - First-Year Seminar

Fall or Spring (4) Staff (College 150)
An exploration of a specific topic in Government. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

GOVT 201 - Introduction to American Government and Politics

Fall or Spring (3) Staff (CSI)
An introduction to the American political system, its institutions and processes.

GOVT 203 - Introduction to Comparative Politics

Fall and Spring (3) Staff (CSI, GER 3)
An introduction to the comparative analysis of political systems. Attention will focus on political processes, such as political

socialization, participation, and elite recruitment, and on political institutions, such as party systems, legislatures and bureaucracies. Examples will be drawn from developing systems, as well as from the more familiar Western countries.

GOVT 204 - Introduction to International Politics

Fall and Spring (3) Staff (CSI, GER 3)
A study of the theory and practice of international politics. The course will consider the international system of states and the bases of national power.

GOVT 301 - Research Methods

Fall and Spring (3) Staff (CSI)
Survey of qualitative and quantitative methods commonly used in empirical political analysis. Emphasis on building skills such as hypothesis testing, inference and causal reasoning. This course satisfies the Major Computing Requirement in Government. It is highly recommended that students plan on taking it before junior year.

GOVT 302 - Quantitative Methods

Fall or Spring (3) Manna, Staff Prerequisite(s): GOVT 301 or GOVT 307 or permission of instructor.
Introduces students to basic statistical theory and advanced quantitative methods. Examples come from sub-fields across political science. Emphasizes how to apply methods and interpret results to make informed inferences. Provides opportunities to use datasets commonly used in political science research.

GOVT 303 - Survey of Political Theory: The Ancient Tradition

Fall or Spring (3) Lombardini (GER 7)
This course centers on the political works of Plato and Aristotle, as the standards of the classical tradition. Selected works of medieval Christian writers are also included.

GOVT 304 - Survey of Political Theory: The Modern Tradition

Fall or Spring (3) Staff (GER 7)
This course deals with Renaissance and Enlightenment era political theory, including the works of thinkers such as Machiavelli, Hobbes, Locke, Rousseau, and Burke.

GOVT 305 - Contemporary Political Theory

Spring (3) Stow (GER 7)
An examination of various approaches to political theory from the late 19th century to the present.

GOVT 306 - Political Parties

Fall or Spring (3) McGlennon
An examination of the electoral, organizational and governmental activities of political parties in the American context. Emphasis will be placed on the transformation of parties and the consequences of this change for American democracy.

GOVT 307 - Political Polling and Survey Analysis

Fall (3) Staff (ACTV)
Introduction to formulation, implementation and analysis of political and public policy surveys. Topics include the psychology of survey response, sampling, interviewing, focus groups, experimental design, hypothesis testing and data analysis. Students will conduct individual and group survey projects.

GOVT 308 - Electoral Systems

Fall (3) Cheng Prerequisite(s): GOVT 203.
This course addresses choices and consequences of major electoral systems. It discusses various kinds of plurality and proportional representation systems, and several intriguing hybrids. It also examines quasi-electoral systems in the United Nations, China and the Vatican.

GOVT 310 - Game Theory and Politics

Fall or Spring (3) Evans (College 200, CSI)
An interdisciplinary, nontechnical introduction to game theory - the science of strategic decision making - emphasizing applications to politics, international relations, business, social philosophy, and the law. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.)

GOVT 311 - European Politics

Spring (3) Clemens Prerequisite(s): GOVT 203
A comparative study of institutions and processes of government in several Western European parliamentary democracies.

GOVT 312 - Politics of Developing Countries

Spring (3) Staff Prerequisite(s): GOVT 203. *(GER 4B)*
A comparative study of institutions and processes of government in several non-Western countries. The cultural and historical foundations of government, and the economic circumstances of Third World nations will be emphasized.

GOVT 322 - Global Environmental Governance

Fall (3) Staff Prerequisite(s): GOVT 204 or ENSP 101.
This course explores key global environmental challenges and ways to address them in a world of diverse, changing, and often conflicting preferences and practices. Students will critically examine the international responses to issues such as climate change, ozone depletion, and biodiversity using concepts and methodologies from the fast-growing literatures on international institutions, transnational activism, multi-level governance, and science-policy linkages. (Cross listed with ENSP 249)

GOVT 324 - U.S. Foreign Policy

Spring (3) Staff
A study of American foreign policy with emphasis on the process of policy formulation. Selected foreign policy problems will be considered.

GOVT 325 - International Organization

Spring (3) Rahman, Tierney Prerequisite(s): GOVT 204.
A study of the development of structures and procedures of international organization, and of methods of pacific settlement of international disputes. Special attention will be given the League of Nations and the United Nations and the successes and failures of these organizations.

GOVT 326 - International Law

Fall (3) Rahman Prerequisite(s): GOVT 204.
A study of international law governing relations among nation-states in peace and war. Considered are the nature and development of international law, and the relevance of international law to contemporary issues such as recognition, intervention, human rights, diplomatic privileges and immunities, use of force, terrorism, environmental problems and international adjudication.

GOVT 327 - Theory and History in International Relations

Spring (3) Dessler Prerequisite(s): GOVT 204.
A survey of the leading theories and main theoretical debates in the study of international relations with attention to their implications for the study of war and peace.

GOVT 328 - International Political Economy

Fall or Spring (3) Cheng Prerequisite(s): GOVT 204.
An analysis of the politics and economics of a selected international policy problem or issue, e.g., international trade and protectionism; the domestic management of inflation and unemployment; the relation between economic organization and political power.

GOVT 329 - International Security

Fall or Spring (3) Staff Prerequisite(s): GOVT 204.
Examines traditional concerns about the use and management of force in the nuclear age, as well as new security problems, such as the proliferation of chemical and biological weapons, environmental issues and the political economy of national security.

GOVT 330 - The Politics of European Integration

Spring (3) van der Veen Prerequisite(s): GOVT 204.
The course covers the evolution of the European Community/Union, its basic institutions, and its current policies, including those on trade, currency and security. Major current events and controversies will also be discussed.

GOVT 334 - Russian and Post-Soviet Politics

Spring (3) Pickering, Staff
This course examines the collapse of the Soviet Union and political change in the post-Soviet states. While the focus in the post-communist period is on Russia, the course also includes a brief discussion of the divergent trajectories taken by other post- Soviet

states, including those in the Baltics and Central Asia. Major topics include democratization, the construction of new political and economic institutions, and the development of civil society.

GOVT 335 - The Politics of Eastern Europe

Fall (3) Pickering
This course will focus on political change in Eastern Europe. Using a comparative approach, we will analyze how different states are meeting the specific challenges of post-communist transformation: building new political, economic and social institutions.

GOVT 336 - Governments and Politics of China and Japan

Fall and Spring (3) Hart (GER 4B)
A study of political institutions and political behavior in China and Japan. Emphasis will be placed on dynamic factors of socio-economic and political development in both countries.

GOVT 337 - Politics in Africa

Fall or Spring (3) Roessler (GER 4B)
This course highlights changes in the state structures from pre-colonial indigenous state systems, colonial administration and economy and the rise of the modern African state. (Cross listed with AFST 344.)

GOVT 338 - Latin American Politics and Government

Spring (3) Staff (GER 4B)
A comparative analysis of the types of government of selected Latin American nations. Appropriate consideration will be given to current conditions and to such problems of general political development as recruitment and socialization, communication and articulation, interest aggregation and decision-making.

GOVT 339 - Middle Eastern Political Systems

Spring (3) Shushan (GER 4B)
A course on the domestic politics of Middle Eastern countries, including the Arab world plus, Iran, Israel, and Turkey. Topics include colonial legacies and the impact of the Israel/Palestine conflict, nationalism and identity, political economy of states with and without oil resources, the dynamics of authoritarian rule, religion and politics, gender, media, and grassroots pressure for reform and revolution.

GOVT 350 - Introduction to Public Policy

Spring (3) Evans, Howard, Manna, Staff
An introduction to the policy making process in American national government, focusing on the impact on policy of public opinion, the media, interest groups, and governing institutions. Appropriate for freshmen and sophomores.

GOVT 351 - Bureaucracy

Spring (3) Manna
An analysis of the institutional, human, and political factors that affect how government bureaucracies implement public policy and influence its content. Considers the connections between government bureaucracy, other institutions of government, and the private and non-profit sectors.

GOVT 353 - The Politics of States and Localities

Spring (3) McGlennon
An examination of the institutions and processes of government and politics in American states and localities. Relationships among national, state and local governments will be analyzed in the context of a federal system.

GOVT 355 - Southern Politics

Fall (3) McGlennon
An examination of the influence of historic and demographic trends on contemporary Southern politics. Special attention will be paid to the political distinctiveness of the South, political variations among the southern states, and the relationships between Southern and national politics.

GOVT 360 - The American Welfare State

Spring (3) Howard Prerequisite(s): GOVT 201 or GOVT 350.
The politics of U.S. social policy in historical perspective. Topics vary by year but usually include retirement pensions, health care, and programs for the poor.

GOVT 370 - The Legislative Process

Spring (3) Evans
An investigation of the legislative process in the United States with emphasis on the United States Congress. Internal and external forces influencing legislative behavior will be examined.

GOVT 371 - The Presidency

Spring (3) Gilmour
An examination of the politics and policy influence of the American presidency and other executives. Emphasis will be placed upon the legal and political forces which determine and limit the use of executive power.

GOVT 372 - American Legal Process

Fall (3) Nemacheck
An analysis of law and legal institutions in the United States, the course covers principles of legal reasoning, the relationship between the judiciary and other branches of government, the role of the Supreme Court, and the activity of judges, lawyers and jurors.

GOVT 373 - Civil Rights and Civil Liberties

Spring (3) Nemacheck
An examination of how legal and political processes have shaped the protections given to individual rights in the American constitutional system. The focus is on Supreme Court decision making and processes of constitutional interpretation.

GOVT 374 - Political Behavior

Spring (3) Settle Prerequisite(s): GOVT 301 or ECON 307 or PSYC 301 or PSYC 302 or SOCL 352 or SOCL 353 *(College 200, CSI)*
A survey of the major areas of research in political behavior, including public opinion, ideology, partisanship, political knowledge, participation, campaigns, the media, and polarization. Although many fruitful cross-national comparisons could be made, we will focus on the American political system. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.)

GOVT 381 - Human Geography

Fall (3) Blouet
A survey of the content of human geography including population, culture realms, world views, the distribution of agriculture and industry, settlements and human environmental impact.

GOVT 382 - World Regional Geography

Fall (3) Blouet
A study of the physical environment, resources, population and distribution of economic activity in selected industrial countries in Europe, North America and the Pacific Rim.

GOVT 384 - The Geography of Latin America and the Caribbean

Fall or Spring (3) Blouet
Examination of the physical environment, resources, population and economic activities in the region together with studies of selected countries.

GOVT 386 - The Geography of Europe

Fall or Spring (3) Blouet
Examination of the physical environment, resources, population and economic activities in the region together with studies of selected countries.

GOVT 390 - Topics in Government

Fall or Spring (1-2) Staff
Selected topics in government. The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if topics under consideration are different.

GOVT 391 - Topics in Government

Fall or Spring (3) Staff
Selected topics in Government. The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if topics under consideration are different.

GOVT 392 - Topics in Political Theory

Fall or Spring (3) Lombardini, Stow, Staff
Selected topics in political theory. The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if the topics under consideration are different.

GOVT 393 - Ancient Democracy

Spring (3) Howard (College 200, CSI)
This course focuses on the historical development of ancient democracy and the principles and institutions central to its practice. The course thus uses the study of ancient politics as a way of investigating some of the key theoretical issues (both normative and conceptual) surrounding the practice of democracy in both the ancient and contemporary worlds. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

GOVT 394 - Directed Research

Fall or Spring (1-3) Staff
Students will work individually or in teams as directed by a faculty member. They will develop important research skills that are difficult to acquire in a traditional classroom setting. Examples include coding data, creating and modifying databases, reviewing manuscripts for publication, writing grant proposals, and conducting experiments. This class may be repeated for credit.

GOVT 401 - Seminar: American Politics

Fall and Spring (4) Staff
The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if topics under consideration are different.

GOVT 402 - Seminar: Political Theory

Fall or Spring (4) Staff
The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if topics under consideration are different.

GOVT 403 - Seminar: Comparative Politics

Fall or Spring (4) Staff
The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if topics under consideration are different.

GOVT 404 - Seminar: International Politics

Fall or Spring (4) Staff
The topic to be considered will be announced prior to the beginning of the semester. May be repeated for credit if topics under consideration are different.

GOVT 433 - Seminar: Theories of the International System

Spring (4) Dessler
A study of systematic approaches and their application to the traditional concerns of international relations theory and practice power, conflict, order and justice.

GOVT 435 - Seminar: Political Economy of the Newly Industrializing Countries

Fall or Spring (4) Cheng
This seminar examines major issues of economic development in Newly Industrializing Countries (NICs). It addresses the interaction between government policies and market forces, between regime dynamics and economic change, and discusses problems in different economic sectors. Course normally focuses on East Asia but may examine other regions.

GOVT 439 - Seminar: Arab Foreign Policy in the Gulf Wars

Fall or Spring (4) Shushan
An examination of Arab foreign policy, focusing on regional responses to the US-led wars against Iraq. This course begins with a theoretical grounding in major approaches to foreign policy analysis, then examines specific cases such as Egypt, Jordan,

Libya, the Palestinians, Saudi Arabia, and Syria. It is recommended that students take GOVT 204 and GOVT 339 before enrolling in this seminar.

GOVT 454 - Seminar: The Politics of Metropolitan Areas

Fall (4) McGlennon Prerequisite(s): GOVT 353 or consent of instructor.
An examination of the American political system's capacity to confront and solve problems of the nation's urban areas. Historical, economic and sociological factors affecting the political process in urban areas will be considered.

GOVT 455 - Seminar: Education Policy and Politics in the United States

Fall (4) Manna Prerequisite(s): GOVT 301
This research seminar explores the policy and politics of K-12 education in the United States. Topics include the governance of education in the US, testing and accountability, and school choice. Students complete a 25-page original research paper.

GOVT 465 - Seminar: Public Opinion and Voting Behavior

Fall (4) Rapoport
A study of the relationship between opinions and political policymaking, including the characteristics of political opinions, patterns of voting behavior and the importance of leadership.

GOVT 470 - Seminar: Congress and the President

Spring (4) Gilmour
An examination of the strategic interaction between the Congress and the Presidency. Major themes include the balance of power between the two branches, how and why the relative influence of each has shifted during American history, and the constitutional legitimacy of the powers exercised by the Congress and the President.

GOVT 482 - Seminar: Geostrategic Thought

Fall or Spring (4) Blouet
The course examines the way western commentators have seen the world from a global strategic perspective over the last century. The works of major theorists from Mahan to Kissinger will be examined.

GOVT 491 - Seminar: Topics in Government

Fall and Spring (4) Staff
Selected topics in government, the topic to be announced prior to the beginning of the semester. Special emphasis will be given to the active involvement of members of the seminar in individual research projects and the preparation of research papers. May be repeated for credit only with Department permission.

GOVT 494 - Independent Study

Fall or Spring (1-3) Staff
A program of independent study which usually involves extensive reading and the writing of one or more essays. Students must obtain permission from a) the faculty member under whom they are to work and b) the Department before registering for this course. Government 494 cannot be used to satisfy the 400-level requirement for majors in government and may only be taken twice for credit. Students may not receive more than 6 credits combined for Government 494, 498 and 499 May not count more than 6 credits combined for Government 494,498 and 499 toward the Government major.

GOVT 495 - Senior Honors

Fall, Spring (3) Staff Prerequisite(s): GOVT 301.
Students admitted to Senior Honors in Government will be responsible for (a) readings and discussion of selected materials; (b) satisfactory completion by April 15 (or November 15 for those on a Spring/Fall Honors schedule) of an original scholarly essay. Government 495 and 496 cannot be used to satisfy the 400-level requirement for majors. Students enrolled in Honors will also attend a required periodic seminar in both the Fall and Spring semesters. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs. For departmental requirements, see Department Website (under Requirements).

GOVT 496 - Senior Honors

Fall, Spring (3) Staff Prerequisite(s): GOVT 301
Students admitted to Senior Honors in Government will be responsible for (a) readings and discussion of selected materials; (b) satisfactory completion by April 15 (or November 15 for those on a Spring/Fall Honors schedule) of an original scholarly essay. Government 495 and 496 cannot be used to satisfy the 400-level requirement for majors. Students enrolled in Honors will also attend a required periodic seminar in both the Fall and Spring semesters. Note: For College provisions governing the Admission

to Honors, see catalog section titled Honors and Special Programs. For departmental requirements, see Department Website (under Requirements).

GOVT 498 - Internship

Fall or Spring (1-4)
Students may receive a limited number of credit on a pass/ fail basis for faculty-supervised research and written work conducted in conjunction with an Internship; advanced approval required. Students may not receive more than 6 credits combined toward the Government major for Government 494 and 498. Note: For details, see Department Website (under Requirements).

History [Back to Table of Contents]

Faculty

Professors

Corney (Chair), **Ely** (Kenan Professor), **Grasso, Homza** (Class of 2006 Professor, Dean of Educational Policy), **Meyer** (The William & Mary Community Studies Professor of History and American Studies), **Sheriff** (Pullen Professor), **Whittenburg, Wulf** (Director, Omohundro Institute of Early American History and Culture), **Zutshi** (Harrison Chair, Plumeri Fellow

Associate Professors

Benes (Diamond Associate Professor of History), **C. Brown, Chouin, Daileader, Fisher** (Director, Environmental Science & Policy), **Han**, **Kitamura** (Graduate Director/Associate Chair), **Koloski** (Undergraduate Director/Associate Chair), **Konefal** (Director, Latin American Studies), **Levitan (**Director, European Studies**)**, **McGovern** (Director, American Studies), **Mapp** (Interim Editor of Books, OIEAHC), **Popper** (Kohlhagen Term Professor), **Rosen , Schechter, Turits, Vinson** (Cummings Associate Professor)

Adjunct Associate Professors

Lounsbury

Assistant Professors

Prado (CLA Teaching Fellow), **Stump**, and **Thelwell**

Adjunct Assistant Professors

Butler

Visiting Assistant Professors

Allen (Co-Director, Lemon Project)**, Aubert, Chung, Gioielli, Panzer,** and **Richter**

Research Associate

Huyck

Lecturers

Carson (Vice President of Research, Colonial Williamsburg Foundation), **Hardy** (Director of Special Collections, Swem Library), **Hobson** (Editor, John Marshall Papers), **Horn** (Vice President of Research and Abby and George O'Neill Director of the John D. Rockefeller Jr. Library), **Kelso** (Director of Archaeology, Association for the Preservation of Virginia Antiquities), **Kern** (Director, Historic Campus), **Walsh** (Historian, Department of Historical Research, Research Division, Colonial Williamsburg Foundation) and **Zimmerli** (Assistant Editor, Omohundro Institute)

Programs

History, BA

Required Credit Hours: 33

Core Requirements:

Students majoring in History must complete 11 courses (33 credits). Of those 33 credit hours, at least 18 must be taken in residence at the College, at the W&M in Washington Program, and/or in William & Mary faculty-led and faculty-assisted study abroad programs. No more than six of the remaining 15 semester credits may be Advanced Placement or International Baccalaureate credit. The 33 credit hours must include the following:

Major Computing Requirement:

Students satisfy the Major Computing Requirement (MCR) for History by attaining a C or better in the HIST 490C or HIST 491C (Capstone Seminar) required by the major.

Major Writing Requirement:

Students satisfy the Major Writing Requirement (MWR) for History by attaining a C or better in the HIST 490C or HIST 491C (Capstone Seminar) required by the major.

Capstone Seminar Requirement

Completion of at least one HIST 490C / HIST 491C, "Capstone Seminar" is required for the history degree. It will count for 4 credits. Students usually enroll in a colloquium in the junior or senior year. Individuals who intend to write an Honors thesis in History are encouraged to take the colloquium in their junior year in order to gain desirable writing and research experience. Students must earn at least a C in the "Capstone Seminar." The HIST 490C / HIST 491C "Capstone Seminar" will fulfill the major writing and computing requirements.

Upper-Division Course Requirement

History majors must complete at least six courses at the 200-level or above. The “Capstone Seminar” counts as one of these.

Geographic and Cultural Distribution Requirement

History majors must successfully complete:

- Two courses in European History
- Two courses in the history of the United States or early North America, north of Mexico
- Two courses outside the European or U.S./early North American history
- HIST 191 - Global History to 1500 or HIST 192 - Global History since 1500 may be counted toward any of the three distribution areas unless and AP or IB course has already been applied. Students may use no more than one AP, IB, or HIST 191/HIST 192 course per distribution area.

Chronological Distribution Requirement

History majors are encouraged to complete at least one course focusing primarily on pre-1800 material and at least one course focusing primarily on post-1800 material.

Additional Information:

Student will receive a maximum of six hours of History Department credit for a 5 on an AP history examination.

- A 5 on the first AP history exam will count for 6 credits toward the major, and one course exemption from the geographic spread in that area.
- A 5 on a second AP history exam will count for 0 credits toward the major, and one course exemption from the geographic spread in that area.
- A 5 on a third AP history exam will count for 0 credits toward the major, and one course exemption from the geographic spread in that area.
- Students with IB credit should meet with the Director of Undergraduate Studies before declaring the major.
- As noted above, students may receive no more than one AP, IB, or HIST 191/192 exemption per geographic and cultural distribution requirement.

Foreign languages are recommended for students planning to major in History, especially if they plan to enter graduate programs in the discipline. Students are advised not to limit their junior and senior year classes to courses focused only on the history of a

single country or region. Students must have a 3.0 cumulative grade point average in order to pursue independent study in History.

Structure of the Curriculum

History courses are generally divided into two main categories: seminars and lecture courses. There are different levels of difficulty within each category.

Seminars in History are generally capped at 15 students and tend to be reading and writing intensive. Many seminars have a research component. Faculty rarely lecture in seminars, so students should expect to participate regularly. In the History Department, seminars range from freshman seminars at the 100-level to capstone courses at the 400-level. 200-level seminars fall in between in terms of their level of difficulty.

100-level Seminars

The 150 Freshman Seminars are required of all incoming first-year students. Freshmen are given priority for these classes, although other students may take them if there is space. These classes delve deeply into a relatively narrow topic, so students can discuss, interpret, and write about that topic intensively. Freshman seminars can be on a broad range of topics in any department at the College, and topics vary by semester. Freshmen who think they may become history majors are urged to take a freshman seminar in History (HIST 150), although not taking one in history does not preclude majoring in history.

200-level seminars

The 200 designation is reserved for intermediate seminars that are somewhat more difficult than freshman seminars. Some are special topics courses offered by visiting instructors.

400-level seminars

400-level seminars are small courses that involve intensive reading, writing, discussion, and often research.

HIST 490c/491c ("Capstone Seminar"). In these intensive colloquia, students produce a substantial paper and grapple with evidentiary and historiographical issues at a sophisticated level. These courses are open to all students with some background in the subject-matter of the course. Majors are required to take at least one HIST 490c/491c, and must receive a C or better in it. These courses are excellent preparation for writing a senior honors thesis, and majors are urged to consider taking one in their junior year. The "Capstone Seminar" meets both the major writing and the major computing requirement. Topics vary by semester.

Lecture courses in History are generally capped at 35. The one major exception is Global History, which is much larger and has discussion sections led by graduate teaching assistants. Lecture courses range from introductory surveys to demanding 300-level courses. Lecture courses may involve class discussions.

100-level lectures

These are introductory surveys that acquaint students with a broad geographic area over an extended chronological period. They assume little or no prior knowledge of the topic covered, and aim to build a foundation for future study. Students who are new to the study of history at the college level should start here. Students who expect to take upper-level courses in a new area are encouraged to take the 100-level survey that covers that region first.

200-level lectures

These are intermediate lecture courses designed for students with some background in history, either through AP courses or lower level survey courses taken at the College. Many are geographically or topically narrower than the introductory surveys.

HIST 299 is the designation for history courses taken abroad and approved for William and Mary history credit.

300-level lectures

These are advanced lecture courses. They assume prior familiarity with the basics of the subject, assign larger quantities of more challenging readings, and expect a greater degree of intellectual sophistication and compositional expertise on students' part. 300-level courses generally pay serious attention to primary sources and to historiographical issues (that is, debates among historians in the field).

HIST 301 ("The Historian's Craft") is designed for history majors or for students who intend to be history majors. Ideally, they will take this class either in the semester in which they declare their history major, or in the following term. The class will familiarize students with historiographical schools and with the idea of history as a discipline while also covering the arts and techniques of historical writing. It will typically require a final paper demonstrating the use of reason, evidence, compositional skills, and scholarly apparatus. This course is strongly recommended for students who are considering writing a history honors thesis.

The National Institute of American History and Democracy

The National Institute of American History and Democracy (NIAHD) is a partnership between the College of William and Mary and The Colonial Williamsburg Foundation. It is dedicated to the study of the American past, material culture, and museums. The NIAHD sponsors the Williamsburg Collegiate Program in Early American History, Material Culture, and Museum Studies. This is a certificate program, combining museum internships, material culture field schools, and coursework at the College of William and Mary. It is open to any degree-seeking student in good standing in any discipline at the College of William and Mary. The NIAHD sponsors special courses in History, American Studies, and Anthropology, many taught by experts from The Colonial Williamsburg Foundation in such fields as Historical Archaeology, Public History, and Vernacular Architectural History. Students officially enrolled in the Collegiate Program have priority in registering for these special courses, but they are open to any William and Mary students on a space-available basis. The National Institute of American History and Democracy also sponsors the William and Mary Pre-Collegiate Summer Program in Early American History for high school students. More information is available on all NIAHD Programs at http://www.wm.edu/niahd.

History, Minor

Required Credit Hours: 18

Core Requirements:

A minor in history requires 18 semester credits in history, at least six hours of which must be taken at the 200-level and above. A minimum of 9 of the 18 credits needed for a minor in history must be earned at William and Mary, and no more than six of the remaining nine credits may be Advanced Placement (AP) credits.

Course Descriptions

HIST 100 - Critical Questions in History

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in History for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

HIST 111 - History of Europe to 1715

Fall (3) Staff (CSI, GER 4A)
An introduction to Western civilization with emphasis on European political, economic, social and cultural developments and their influence in shaping our contemporary world. Students will be encouraged to examine fundamental trends and the uses of the historical method.

HIST 112 - History of Europe since 1715

Spring (3) Staff (CSI, GER 4A)
An introduction to Western civilization with emphasis on European political, economic, social and cultural developments and their influence in shaping our contemporary world. Students will be encouraged to examine fundamental trends and the uses of the historical method.

HIST 121 - American History to 1877

Fall (3) Staff (CSI, GER 4A)
An introduction to the history of the United States from its origins to 1877. Topics include the development of the American colonies and their institutions, the Revolution, the creation of the federal union, the people of America, the Civil War and Reconstruction.

HIST 122 - American History since 1877

Spring (3) Staff (CSI, GER 4A)
An introduction to the history of the United States from 1877 to the present. Topics include major political, social and economic developments since 1877, overseas expansion, the two world wars, the Cold War and the post-Cold War era.

HIST 131 - Survey of Latin American History to 1824

Fall (3) Konefal, Prado (CSI, GER 4B)
The development of Latin America from Pre-Columbian times to 1824 with emphasis on the interaction of European, Indian and African elements in colonial society. (Cross listed with LAS 131)

HIST 132 - Survey of Latin American History since 1824

Spring (3) Konefal, Prado (College 200, CSI, GER 4B)
The development of Latin America from 1824 to the present, emphasizing the struggle for social justice, political stability and economic development. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross listed with LAS 132)

HIST 141 - Survey of East Asian Civilization to 1600

Fall (3) Han, Staff (CSI, GER 4B)
An introduction to the political, social and cultural history of East Asia to 1600.

HIST 142 - Survey of East Asian Civilization since 1600

Spring (3) Han, Staff (CSI, GER 4B)
An introduction to the political, social and cultural history of East Asia since 1600.

HIST 150 - First Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in History. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion. Note: For current offerings, please consult the course schedule posted on my.wm.edu.

HIST 161 - History of South Asia

Fall and Spring (3) Zutshi, Staff (CSI, GER 4B)
Drawing on the latest multidisciplinary scholarship and visual materials on South Asia, this course examines the ancient, medieval, and modern history of the Indian Subcontinent. Themes include concepts of sovereignty, colonialism, nationalism, partition, religious identities, economic developments, and center-region disputes.

HIST 171 - History of the Middle East to 1400

Fall (3) Karakaya-Stump (CSI, GER 4B)
A history of the Middle East from the advent of Islam in the 7th century to 1400. The focus will be on political, socio-economic and cultural developments, and their interconnectedness.

HIST 172 - Modern Middle East since 1400

Spring (3) Karakaya-Stump (CSI, GER 4B)
A historical review of the modern Middle East since 1400 that emphasizes the Early Modern Middle Eastern empires (the Ottomans and the Safavids), the long nineteenth century, and the major political and socio-economic developments in the region since WWI.

HIST 181 - African History to 1800

Fall (3) Chouin, Pope, Staff (CSI, GER 4B)
A thematic approach to socio-economic and political change in Africa from early times to 1800. Emphasis is on African cultural heritage, state building, internal and external trade, and interaction with outside forces: Islam, Christianity and colonialism, as well as on Africa's most pressing problems of the time. (Cross listed with AFST 316)

HIST 191 - Global History to 1500

Fall (3) Staff (CSI, GER 4B)
An introduction to the history of the world, with emphasis on civilizations, cultural diversity, global conflict and global convergence.

HIST 192 - Global History since 1500

Fall (3) Daileader, Schechter, Staff (College 200, CSI, GER 4C)
An introduction to the history of the world, with emphasis on civilizations, cultural diversity, global conflict and global convergence. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

HIST 211 - Topics in History

Fall (3) Staff
A course designed especially for freshmen and sophomores who have taken AP European or AP American history in high school.

Topics vary by semester. Note: For current offerings, please consult the course schedule posted on my.wm.edu. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 212 - Topics in History

Spring (3) Staff
A course designed especially for freshmen and sophomores who have taken AP European or AP American history in high school. Topics vary by semester. Note: For current offerings, please consult the course schedule posted on my.wm.edu. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 214 - The Era of Jamestown

Fall or Spring (3) Whittenburg
The seventeenth century in the Chesapeake Region. Topics include the archaeology of Jamestown Island, tobacco culture, warfare between Europeans and Native Americans, the introduction of slavery, political & social structure, and family life. This course relies heavily on field trips to archaeology sites, museums, and period structures. This course is sponsored by NIAHD.

HIST 215 - The World of Thomas Jefferson

Fall or Spring (3) Wells
An examination of the life and times of Thomas Jefferson. Topics include the world of Jefferson's youth and the momentous issues that crystallized during the latter decades of the eighteenth century.

HIST 216 - Teaching American History with Historic Sites

Fall and Spring (4) Whittenburg
Explorations of topics from American History by using historic sites: Example: The history of Richmond, VA from the Revolution through the modern Civil Rights Movement. Classes meet ALL DAY at historic sites and museums. This course satisfies the Major Computing Requirement. Please contact instructor for details and permission to enroll.

HIST 217 - The Founding of Jamestown through the American Revolution

Fall or Spring (4) Corlett, Whittenburg
Early American History concentrating on the period from the founding of Jamestown in 1607 through the death of George Washington in 1799. Classes meet all day on Wednesdays "on-site" at archaeological excavations, museums, or historic buildings. This course satisfies the Major Computing Requirement. Please contact instructor for more details. This course is sponsored by NIAHD.

HIST 218 - The American Revolution through the Civil War

Fall or Spring (4) Corlett, Whittenburg
American History through the lens of the Virginia experience from the American Revolution through the American Civil War. Classes meet ALL DAY at historic sites and museums. This course satisfies the Major Computing Requirement. Please contact instructor for details and permission to enroll. This course is sponsored by NIAHD.

HIST 219 - Era of the American Revolution in Virginia

Fall or Spring (4) Whittenburg
A close examination of the people, places, and events of the general era of the American Revolution in Virginia from the Seven Years War in the middle of the eighteenth century to the Age of Jackson in the nineteenth century. Classes meet ALL DAY at historic sites and museums. This course satisfies the Major Computing Requirement. Please contact instructor for details and permission to enroll. This course is sponsored by NIAHD.

HIST 220 - Williamsburg: Colonial and Revolutionary

Fall or Spring (3) Whittenburg, Richter (CSI)
Early American history through the lens of the Williamsburg experience. Topics: politics, social structure, gender, religion, race and the economy from the establishment of Jamestown in 1607, to the Middle Plantation settlement of the mid-1600s, the transfer of the capital from Jamestown to Williamsburg, and the impact of the American Revolution on this city. This course is sponsored by NIAHD.

HIST 221 - United States Women's History, 1600 to 1877

Fall (3) Meyer (CSI, GER 4A)
This course is designed to introduce students to some of the main themes and issues of the field as it has developed in the past two decades. Primary themes in this course include: work, sexual/gender norms and values, women's networks and politics, and how each of these has changed over time and differed for women from diverse cultures/communities. (Cross listed with GSWS 221)

HIST 222 - United States Women's History since 1877

Fall and Spring (3) Meyer (CSI, GER 4A)
This course is designed to introduce students to some of the main themes and issues of the field as it has developed in the past two decades. Primary themes in this course include: work, sexual/gender norms and values, women's networks and politics, and how each of these has changed over time and differed for women from diverse cultures/communities. The course divides at 1879. (Cross listed with GSWS 222)

HIST 223 - Pacific War

Fall or Spring (3) C. Brown (CSI, GER 4C)
This course examines the violent contact between Japan and the United States in the Pacific during World War II, with a comparative focus on conceptions of race, honor and national identity. The course employs primary and secondary sources, as well as films. This course satisfies the department's computing requirement.

HIST 224 - Southern Cultures: Field Holler to NASCAR

Fall or Spring (3) Staff (College 200, CSI, GER 4A)
This class will explore one of the most repressive regions in the US: the Southern worlds of plantation, slave quarter, and hillbilly-hideout. How did blues and country music emerge? How did the literature of Faulkner, Ralph Ellison, and Carson McCullers grow out of the South? How did stock car racing grow out of moon shining? (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

HIST 226 - The American West since 1890

Fall or Spring (3) Fisher (CSI, GER 4A)
The Trans-Mississippi West after the "closing of the frontier." Topics include environmental change, economics, urbanization, race, class, gender, regional identity, and popular culture.

HIST 228 - The United States, 1945-1975: Society, Thought, and Culture

Fall or Spring (3) McGovern (CSI)
An exploration of the principal forces shaping the contours of American culture, society and thought in the pivotal first three decades after World War II.

HIST 235 - African American History to Emancipation

Fall (3) Ely, Rosen (CSI, GER 4A)
This course explores the history of African-descended people in the U.S. from their first arrival in the North American colonies through the end of slavery during the Civil War. We will investigate the ways African Americans fashioned new worlds and cultures while living under the enormous constraints of slavery and discrimination. Struggles for freedom, full citizenship, and alternative political visions, and the role of such struggles in shaping African Americans' identification with each other as a people, will be a focus throughout. We will also treat differences of class and gender within African American communities. (Cross listed with AFST 235)

HIST 236 - African American History since Emancipation

Spring (3) Ely, Rosen (CSI, GER 4A)
A survey of African American history from emancipation to the present. (Cross listed with AFST 236)

HIST 237 - American Indian History: Pre-Columbian and colonial period to 1763.

Fall and Spring (3) Fisher, Rushforth (CSI, GER 4B)
A survey of American Indian history to 1763.

HIST 238 - American Indian History since 1763

Fall and Spring (3) Fisher, Rushforth (CSI, GER 4B)
A survey of American Indian history since 1763.

HIST 240 - The Crusades

Fall (3) Daileader (CSI, GER 4C)
The history of the crusading movement during the Middle Ages. The course focuses on the changing nature of Christian- Muslim relations and on the Crusades' cultural and geopolitical ramifications. Readings consist primarily of contemporary Latin, Greek, and Arabic sources (in translation).

HIST 241 - European History, 1815-1914

Fall (3) Benes, Staff (CSI, GER 4A)
From the Congress of Vienna to the start of World War I. Investigates the industrial revolution, liberalism, socialism, imperialism and the various contexts of World War I.

HIST 242 - European History, 1914-1945

Spring (3) Benes, Staff (CSI, GER 4A)
This course investigates World War I, German inflation and worldwide depression, fascism, the trajectory of World War II and the collapse of the old order in 1945. Attention also given to the culture of modernism.

HIST 243 - Europe since 1945

Fall and Spring (3) Koloski, Staff (CSI, GER 4A)
Topical survey of Europe east and west since World War II. Includes postwar recovery, geopolitical tensions and the Cold War, imperialism, protest movements of the 1960s and 1970s, communism and its collapse, a united Europe in theory and practice.

HIST 255 - Religion in America to 1800

Fall (3) Grasso
This course provides an overview of major issues and developments in American religious history from pre-Columbian North America through the end of the eighteenth century. Topics include: Native American Sacred Power; Catholic Missions in New Spain and New France; Protestant Colonialism; Magic and Christian Authority; Slavery and the African Diaspora; British Religious Cultures; Evangelical Revivalism; Christian Anti- and Proslavery; Religion and Revolution; and Church-State Separation.

HIST 260 - History of Ancient Greece

Fall (3) Donahue (College 200, CSI, GER 4A)
The history of Greece from the Bronze Age (3d millennium BCE) to the rise of Macedonia (fourth century BCE), focusing primarily on the two most influential and well known periods in Greek history, the Archaic Period (ca. 700-480 BC) and the Classical Period (480-323 BCE). (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross listed with CLCV 227)

HIST 261 - History of Ancient Rome

Spring (3) Donahue (GER 4A)
History of the ancient Romans from their earliest origins through the third century CE. Principal emphasis will be on the political, social, and cultural aspects of Roman history. (Cross listed with CLCV 228)

HIST 265 - Postwar Japan

Fall (3) Han (CSI, GER 4B)
An examination of various aspects of post-World War II Japan. After an intensive look at politics and the economy, the course explores such topics as the popularity of new religions, changing attitudes toward sex and marriage, Japan's new nationalism, Japan's role in the larger Asian region and beyond, and the culture and life of Tokyo. Several documentaries and movies will be shown. (Open to all students, including freshmen and sophomores with AP history credit or exemptions.)

HIST 280 - West Africa Since 1800

Fall and Spring (3) Staff (CSI, GER 4B)
Explores the survival of West Africans in ancient environments, subsequent challenges in trans-Saharan and Atlantic slave trade, colonial overrule, political independence, and ever-increasing globalization as well as relocation to rural America in the early Atlantic era and eventually to contemporary American cities. (Cross listed with AFST 308)

HIST 281 - Ancient African History

Fall or Spring (3) Bishara, Choin, Pope, Vinson (CSI)
This course covers African history before AD 600, with emphasis on political and cultural histories of ancient cities and states. It is a more focused survey than HIST 181, but it has no prerequisites and assumes no prior knowledge of Africa. (Cross-listed with AFST 281)

HIST 282 - Medieval African History

Fall or Spring (3) Bishara, Chouin, Pope, Vinson (CSI)
This course covers African history between 600 and 1500, with emphasis on the influence of Islam and changing commercial networks. It is a more focused survey than HIST 181, but it has no prerequisites and assumes no prior knowledge of Africa. (Cross-listed with AFST 282)

HIST 283 - Early Modern African History

Fall or Spring (3) Bishara, Chouin, Pope, Vinson (CSI)
This course covers African history between 1500 and 1800, particularly Africa's changing relationship with Western Europe and the Americas. It is a more focused survey than HIST 181, but it has no prerequisites and assumes no prior knowledge of Africa. (Cross-listed with AFST 283)

HIST 284 - African History during Colonialism and Independence

Spring (3) Bishara, Chouin, Pope, Vinson (CSI, GER 4B)
This course cover African History from 1800 to the present, with emphasis on African state-building, slavery and abolition, the Africanization of Islam and Christianity, Colonialism and Anti-Colonial Politics, African Independence/Pan-Africanism and contemporary issues. *(formerly HIST 182)* (Cross listed with AFST 317)

HIST 299 - History Courses Taken Abroad

Fall, Spring, Summer (1-4)
This is the designation for history courses taken abroad and approved for William and Mary history credit.

HIST 301 - The Historian's Craft

Fall or Spring (3) Staff (CSI)
This course is designed for history majors or for students who intend to be history majors. Ideally, they will take this class either in the semester in which they declare their history major, or in the following term. The class will familiarize students with historiographical schools and with the idea of history as a discipline while also covering the arts and techniques of historical writing. It will typically require a final paper demonstrating the use of reason, evidence, compositional skills, and scholarly apparatus. This course is strongly recommended for students who are considering writing a history honors thesis.

HIST 304 - History of Brazil

Fall or Spring (3) Prado, Staff (CSI)
Antecedents of modern Brazil, 1500-present, with accent on economic, social and cultural factors as well as on political growth in the Portuguese colony, the Empire and the Republic.

HIST 305 - History of Mexico

Fall or Spring (3) Konefal, Staff (CSI)
Development of the Mexican nation from the Spanish conquest to the present. Sequential treatment of the interaction of Spanish and Indian cultures, expansion of the frontier, independence, 19thcentury liberalism and caudillism, the Mexican Revolution of 1910 and its institutionalization.

HIST 306 - Terror, Human Rights, and Memory in Latin America

Fall (3) Konefal (CSI)
This course will examine state violence and its repercussions in Latin America since the mid-20th century, focusing on three case studies: Chile, Argentina, and Guatemala. These cases (representative of a much broader phenomenon) give students the opportunity to engage critically and in-depth with some of the major questions surrounding violence and human rights: What explains the continent-wide wave of repression in Latin America in the 1960s, 1970s, and 1980s? When and why did governments choose to use extreme force against their own citizens? To what extent was the US government aware of or implicated in the violence? How were the extremes of "dirty" wars possible? How could the word "disappear," for example, come into everyday grammar in Latin America as a transitive verb? In what ways could and did people resist?

HIST 309 - The Caribbean

Fall or Spring (3) Staff (College 200, CSI)
Situated at the crossroads of Africa, Europe, Latin America, and the United States, the Caribbean has played a pivotal role in global transformations since 1492. The region's past helped shape and was shaped by many of the contradictory themes defining modern history: slavery and freedom, racism and equality, empire and independence, despotism and democracy, and migration and transnationalism. Focusing on Puerto Rico, the Dominican Republic, Jamaica, and especially Haiti and Cuba, we will explore these themes in Caribbean history from the Haitian Revolution to the present. The course is structured around class discussion. Grading will be based on brief papers and class participation. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with AFST 319 / LAS 309.)

HIST 310 - African Americans and Africa

Fall or Spring (3) Vinson (CSI)
This course explores the political, socio-economic, educational and cultural connections between African Americans and Africa.

It examines the close linkages but also the difficulties between Africans and diasporic peoples in the modern era. (Cross-listed with AFST 299)

HIST 311 - Topics in History

Fall (1-4) Staff
Intermediate level topics courses open to all students but preferably those with previous experience in 100- and/or 200-level history courses. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 312 - Topics in History

Spring (1-4) Staff
Intermediate level topics courses open to all students but preferably those with previous experience in 100- and/or 200-level history courses. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 313 - Topics in Women's History

Fall and Spring (3) Staff
Intermediate level topics course open to all students but preferably to students who have completed HIST 221 / GSWS 221 and/or HIST 222 / GSWS 222. (This course may be repeated for credit if there is no duplication of topic.)

HIST 315 - Asian Pacific American History

Fall (3) Thelwell
This course offers a broad survey of Asian Pacific American history. Given the immense diversity of Asian Pacific American communities, we cannot offer an exhaustive history in one semester. Instead, we cover a number of major events in Asian Pacific American history and focus on many key concepts in Asian Pacific American Studies. Furthermore, we are interested in Asian Pacific American identity as a social construct, and spend a large amount of time focusing on race discourse. Many of the readings address the ways in which Asian Pacific American racial identity was constructed in American popular culture and law. Other key topics include immigration, exclusion, citizenship, class, and gender.

HIST 316 - Pan-Africanism: History of a Revolutionary Idea

Fall or Spring (3) Vinson (CSI, GER 4C)
This course surveys the history of Pan-Africanism, a global political movement that considers Africans and diasporic blacks to have a common history, present and future, often proclaiming an objective of African political, socio-economic and cultural self-determination and asserting a fierce pride in African history and culture. *(formerly HIST 239)* (Cross-listed with AFST 300)

HIST 317 - History of Modern South Africa

Fall or Spring (3) Vinson (CSI, GER 4C)
This course provides a detailed examination of segregation and apartheid in twentieth century South Africa and charts the development and ultimate success of the anti-apartheid movement that led to the 'miracle' of a democratic South Africa. *(formerly HIST 230)* (Cross-listed with AFST 427)

HIST 318 - United States Military History, 1860-1975

Fall or Spring (3) Staff
An examination of the growth of the U.S. military establishment and the exercise of and changes in military strategy and policies, as shaped by political, social and economic factors. Crucial to our inquiry will not only be discussions about the decisions and attitudes of ranking military and civilian leaders but also an analysis of the lives and circumstances of enlisted personnel, lower-ranking officers and civilian support staff.
(formerly HIST 428)

HIST 319 - The Nuclear World

Fall or Spring (3) Kitamura (College 200, CSI)
This course explores the emergence of nuclear technology and its widespread impact on global politics, business, and culture from World War II to the present day. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

HIST 320 - Nubia: An African Kingdom in American Thought, 1767-present

Fall or Spring (3) Pope
For over two centuries of American history, perceptions of Africa and of race have been expressed through shifting interpretations of an ancient African kingdom called Nubia. This course will trace the archaeological rediscovery of Nubia and explore its changing significance in American thought. No prior knowledge of Nubia is required.

HIST 321 - Topics in Civil Rights

Fall or Spring (3) Vinson, Staff
The description and organization of this course will vary in accordance with different interests and expertise of each individual instructor.

HIST 322 - The African Diaspora before 1492

Fall or Spring (3) Pope
This course examines the experiences of sub-Saharan Africans who traveled, before the Atlantic Slave Trade, throughout the Middle East, Indian Ocean, China, and Europe as merchants, soldiers, slaves, scholars, pilgrims, and ambassadors. *(formerly HIST 232)*

HIST 323 - The African Diaspora, 1492-1808

Fall or Spring (3) Vinson (GER 4C)
This course examines the migrations of Africans to the Americas during the Atlantic Slave Trade era, the development of new identities in their new societies and their continued connections to Africa. *(formerly HIST 183)* (Cross listed with AFST 304)

HIST 324 - The African Diaspora since 1808

Fall or Spring (3) Vinson
This course examines the African Diaspora since 1800 with major themes including the end of slavery, the fight for full citizenship and the close interactions between diasporic blacks and Africans. Students who have already taken HIST 323 - The African Diaspora, 1492-1808 are particularly encouraged to take this more advanced class. (Cross listed with AFST 305)

HIST 325 - The Rise and Fall of Apartheid

Fall or Spring (3) Vinson (GER 4C)
This class explores the rise and fall of apartheid, the system of rigid racial segregation and domination that existed in South Africa from 1948 to 1994. It examines the successful anti-apartheid movement but also considers apartheids legacy in contemporary South Africa. (Cross-listed with AFST 426)

HIST 326 - African Religions in the Diaspora

Spring (3) (GER 4C)
Survey of the cultural retention and change of African religions in the Diaspora. Considers the encounter between African, indigenous, and European religions in the context of slavery and freedom. *(formerly HIST 451)*

HIST 327 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics

Fall or Spring (3) Vinson
This course examines the Civil Rights movement as part of a centuries-long tradition of black freedom struggles. The course also compares the Civil Rights movement with the South African anti-apartheid struggle and shows the close transnational relationship between African Americans and black South Africans. *(formerly HIST 231)* (Cross listed with AFST 312)

HIST 330 - America and China: U.S.-China Relations since 1784

Spring (3) Mosca
A study of U.S.-China relations from 1784 to the present, with special attention to Sino-American relations in the 20th and 21st centuries. This course satisfies the department's computing requirement.

HIST 331 - Modern Japanese History

Fall or Spring (3) Han (GER 4B)
A history of Japan from the Tokugawa period (1600-1868) to the present, with emphasis on the 19th, 20th and 21st centuries. *(formerly HIST 328)*

HIST 332 - Modern Korean History

Fall or Spring (3) Staff
An examination of the major developments and issues in modern Korean history, including the collapse of the traditional order, Japanese colonial rule, the emergence of distinct political regimes in the north and south and north-south confrontation.

HIST 333 - Modern Chinese History

Fall (3) Staff
A history of China from 1644 to the present focusing on China's imperial system, the experiment with republican government, and China under communist rule since 1949. This course satisfies the departments computing requirement. *(formerly HIST 329)*

HIST 334 - Nation, Gender, and Race in South Asia

Fall or Spring (3) Zutshi (GER 4B)
This course examines the often inter-linked roles and definitions of nation, gender, and race, how these factors both undermined and reinforced British rule, and how they reshaped social relations in South Asia. Assignments include films, novels, memoirs, and travelogues. *(formerly HIST 270)*

HIST 341 - United States Immigration History

Fall or Spring (3) Staff Prerequisite(s): HIST 121 HIST 122
An introduction to the history of immigration to the United States from 1789 to the present. Emphasizing immigration from Ireland, China, Mexico and Eastern Europe, the course focuses on the history of U.S. immigration policy. It involves short lectures and discussions. *(formerly HIST 431)*

HIST 342 - The Invasion of North America

Spring (3) Staff
An introduction to the exploration, exploitation and colonization of eastern North America by the Spanish, French, English and Dutch; their cultural interaction with Native Americans in war and peace. *(formerly HIST 426)*

HIST 344 - Colonial North America, 1492-1763

Fall (3) Mapp
A survey of the history of North America north of Mexico from the beginnings of sustained European contact through the end of the Seven Years' War. *(formerly HIST 411)*

HIST 345 - The American Revolution, 1763-1789

Spring (3) Mapp
An in-depth study of the origins of the American independence movement, the struggle between the rebellious colonies and the British Empire, the formation of the United States, and the salient cultural and social developments of the Revolutionary era. *(formerly HIST 412)*

HIST 346 - Antebellum America

Fall or Spring (3) Sheriff
Covering the period from 1815-1850, this course examines social, political, economic and cultural transformations in the pre-Civil War United States. *(formerly HIST 415)*

HIST 347 - The Civil War Era

Fall or Spring (3) Sheriff
Examines the social, political, economic, and cultural history of the United States from 1850-1877. Military campaigns receive only minimal coverage. *(formerly HIST 416)*

HIST 348 - Old South

Spring (3) Staff
The American South from its colonial origins to the defeat of the Confederacy, including as major topics social structure, economic and geographic expansion, slavery as a system of profit and social control, the growth of southern sectionalism, and the southern mind. *(formerly HIST 417)*

HIST 349 - Exploring the Afro-American Past

Fall or Spring (3)
A study of the commonalities and differences across Afro- America from the U.S. to Brazil. Works in Anthropology, History and Literature will be used to explore the nature of historical consciousness within the African Diaspora and diverse ways of understanding the writing about Afro-American pasts. *(formerly HIST 345)* (Cross listed with AMST 402 and ANTH 429)

HIST 350 - Free and Enslaved Blacks in the Old South

Fall (3) Ely GER 4C
Free and enslaved Afro-Southerners' relations with one another and with whites from colonization to the Civil War. Themes

include the variety of human experience under the slave regime; cultural affinities and differences among blacks, and between black and white Southerners. *(formerly HIST 452)*

HIST 351 - U.S. Gilded Age

Fall or Spring (3) Staff
1866-1901. Explores the collapse of Reconstruction and the rise of big business. Topics include Victorian sexuality, the Jim Crow South, craft unionism, cities in the West and literary naturalism. Preference to juniors and seniors. *(formerly HIST 418)*

HIST 352 - U.S. Foreign Relations, 1763-1900

Fall (3) Kitamura
An examination of U.S. interactions with the wider world from 1763 to 1900. Topics include top-level policymaking, business exchange, cultural interaction, population movement, military confrontation, social control, racial affairs, and gender relations. *(formerly HIST 433)*

HIST 353 - U.S. Foreign Relations, 1901 to the Present

Spring (3) Kitamura
An examination of U.S. interactions with the wider world from 1901 to the present day. Topics include top-level policymaking, business exchange, cultural interaction, population movement, military confrontation, social control, racial affairs, and gender relations. *(formerly HIST 434)*

HIST 354 - America and Vietnam

Spring (3) Staff
An examination of the United States' role in Vietnam from 1945 to the present. The political, cultural, ideological and economic ramifications of the United States involvement will be analyzed from the American as well as the Vietnamese perspective. *(formerly HIST 435)*

HIST 355 - Religion in 19th Century America

Spring (3) Grasso
This course explores how nineteenth-century Americans construed and debated personal religious experience, and how religious institutions developed and competed for social, cultural, and political power in this period. Topics include: Reason and Revolution; Evangelicalism; Democratization; Class Formation; Millennialism and the Apocalypse; Antislavery, Proslavery, and Reform; Civil War Christianities; Gender; Religious Psychology; Liberalism, Fundamentalism, and Agnosticism; and the Varieties of Religious Experience.

HIST 357 - Medieval Europe

Fall and Spring (3) Daileader
Surveys the history of medieval Europe from the later Roman Empire through the Renaissance.

HIST 358 - The European Renaissance

Fall or Spring (3) Homza
Investigation into the intellectual emphases and social and political contexts of humanist practices in Europe between 1314-1598. Attention to historiography and historical method.

HIST 359 - The Reformation in Western Europe

Fall or Spring (3) Homza Prerequisite(s): HIST 111 or consent of instructor. *(College 200, CSI)*
An investigation into the Catholic and Protestant Reformations in early modern Europe, 1500-1700. Examination of the foundations and effects of religious upheaval and codification. Attention to literacy, printing, the family, the creation of confessional identity and historiography. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

HIST 360 - Roman Britain

Fall or Spring (3) Hutton
The history and archaeology of Roman Britain. The story of the founding of the Roman province in Britain and its subsequent development. Examination of various aspects of Roman-British culture, including town life, fortifications, religion, art, villas, leisure and amusements. (Cross-listed with CLCV 340.)

HIST 361 - Roman Greece

Fall or Spring (3) Hutton
An archaeological, literary and cultural study of ancient Greece during the period in which Greece was part of the Roman Empire. How did Greece change under Roman rule, and how did Greek culture affect the rest of the empire? (Cross-listed with CLCV 341.)

HIST 362 - History and Statecraft: Great Power Diplomacy, 1648-1949

Fall and Spring (3) Butler
This course uses case studies of episodes in Great Power politics from the Treaty of Westphalia to the founding of NATO to consider the application of history to current issues in international relations. Course readings prepare students to discuss and debate a range of key topics, such as the challenge of diplomatic/military overextension, foreign intervention in civil conflicts, relations among democracies and dictatorships, and the creation of successful (and unsuccessful) international structures. Evaluation is based on in-class participation, brief essays, and exams.

HIST 363 - The Age of Absolutism and Revolution in Europe, 1648-1789

Fall (3) Schechter
An intensive survey of Europe in transition: absolutism, enlightenment, enlightened despotism. This course satisfies the Department's computing requirement.

HIST 364 - The Age of Absolutism and Revolution in Europe, 1789-1870

Spring (3) Schechter
An intensive survey of Europe in transition: revolution, industrialization and the emergence of the modern state. This course satisfies the Department's computing requirement.

HIST 368 - Race, Class, and Gender in the British Empire

Fall or Spring (3) Levitan
This course will survey the social and cultural history of the British Empire from the sixteenth century to the present, with an emphasis on the ways in which diverse groups of people experienced empire. Themes will include migration, slavery, race, gender, imperial culture, class, and resistance to empire.

HIST 369 - History of Britain 1453-1783

Fall (3) Levitan, Staff
A survey of the political, social, economic, and cultural history of Britain.

HIST 370 - History of Britain 1783 to the Present

Spring (3) Levitan, Staff
A survey of the political, social, economic, and cultural history of Britain.

HIST 373 - East Central Europe

Fall or Spring (3) Koloski, Staff
Modern history of the east-central region of Europe between Germany and Russia. Topics include: 19th century multi-national empires, 20th century (re)emergence of nation-states, citizens' struggles to define political, social, and cultural identities despite foreign domination, and post-1989 developments.

HIST 377 - History of Russia to 1800

Fall (3) Corney
The political, cultural and intellectual development of Russia. From Kievan Rus' to the end of the 18th century, tracing the Mongol occupation, the rise of Muscovy and the Romanov dynasty.

HIST 378 - History of Russia since 1800

Spring (3) Corney
The political, cultural and intellectual development of 19th and 20th century Russia, tracing the twilight of the Romanovs, the rise of socialist thought, and the Communist state.

HIST 382 - History of Spain

Fall or Spring (3) Homza
A survey of Spanish history from 1478 to 1978 that also asks students to investigate cultural, political and social issues in depth, such as the goals of inquisitors, the question of Spanish decline and the context of the Civil War.

HIST 383 - History of Germany to 1918

Fall (3) Benes, Staff
Origins and establishment of the modern German state to the First World War.

HIST 384 - History of Germany since 1918

Spring (3) Benes, Staff
Establishment and course of Hitler's Third Reich, development of two Germanies since 1945, and their subsequent reunification.

HIST 385 - History of France, 1648 to 1800

Fall (3) Schechter, Staff
Intensive examination of a pre-industrial society with special emphasis on social, economic and intellectual problems during the ancient regime and Revolution.

HIST 386 - History of France, 1800 to the Present

Spring (3) Schechter, Staff
1800 to the present with special attention to social and economic problems as well as to the politics of 20th and 21st century France.

HIST 387 - England Under the Tudors, 1485-1603

Fall (3) Popper, Staff
A survey of developments in English political, social, intellectual, cultural, and religious history from the ascension of Henry VII in 1485 to the death of Elizabeth I in 1603.

HIST 388 - Britain Under the Stuarts, 1603-1714

Spring (3) Popper, Staff
A survey of the political, religious, cultural, social, and intellectual history of the British Isles from the coronation of James VI and I in 1603 to the death of Queen Anne in 1714.

HIST 391 - Intellectual History of Modern Europe: Renaissance to the Enlightenment

Fall (3) Benes, Staff
Cultural and intellectual development of the Western world from the end of the Middle Ages to the Enlightenment.

HIST 392 - Intellectual History of Modern Europe: 19th to the 21st Centuries

Spring (3) Benes, Staff
Cultural and intellectual development of the Western world from the Enlightenment to the present.

HIST 393 - American Cultural and Intellectual History from the Beginnings through the Early National Period

Fall (3) C. Brown
An interdisciplinary approach to the development of colonial and early national American culture and society, with special emphasis on the transit of European culture, regionalism and the emergence of the ideology of American exceptionalism. *(formerly HIST 437)*

HIST 394 - American Cultural and Intellectual History from the Early National Period through the Early 20th Century

Spring (3) C. Brown
An interdisciplinary approach to the development of colonial and early national American culture and society. Explores the social construction of knowledge, race, gender and class in the 19th- and early 20th-century United States, through an intensive reading of primary sources. *(formerly HIST 438)*

HIST 400 - Colonial and Revolutionary Virginia

Fall or Spring (3) Whittenburg, Richter
A specialized study of the founding and development of Virginia from the founding of Jamestown through the early years of the new nation with special emphasis on the evolution of its social and political structure, economy, gender, race, and material culture. This course is sponsored by NIAHD.

HIST 401 - Gender, Race, and Power in Colonial Virginia

Fall or Spring (3) Richter
An examination and assessment of the influence of gender, race, and power on the way in which all people--male and female; free and enslaved; Indian, European, and African--shaped the development of seventeenth- and eighteenth-century Virginia society. This course is sponsored by NIAHD.

HIST 402 - Thomas Jefferson in America and the World

Fall or Spring (3) Kern
This course explores the life of Thomas Jefferson, his great contributions to ideas of liberty and government that reverberate in the world, and his many legacies that are part of U.S. history and culture, including being one of America's most famous slaveholders and author of Indian extermination policies. This course is sponsored by NIAHD.

HIST 403 - Archaeology of Colonial Williamsburg and Tidewater Virginia

Spring (3) Brown
Prerequisites: ANTH 301 or consent of instructor. This course examines the archaeological research on sites located in and around Williamsburg, the capital of the colony of Virginia from 1699-1781, as a way of reviewing the theory and method of historical archaeology. This course is sponsored by NIAHD. (Cross listed with ANTH 457 and ANTH 557)

HIST 404 - Foodways and the Archaeological Record

Spring (3) Bowen
In a seminar format, students will draw upon archaeological, historical, and anthropological studies to explore topics such as human-animal relationships surrounding the procurement and production of food, as well as the distribution, preparation, and consumption of food. This course is sponsored by NIAHD. (Cross listed with ANTH 426 and ANTH 526)

HIST 405 - History of Museums and Historic Preservation-US 1850-Present

Fall or Spring (3) Kern
This course will identify and challenge how landmark institutions define and redefine culture, history, and their own significance. We will consider private, volunteer, and government roles in preserving and creating historic sites, and how museums and public history have changed since the mid-nineteenth century. This course is sponsored by NIAHD.

HIST 406 - Architectural History Field School

Summer (3) Lounsbury
The course introduces students to the methods used in the investigation, description, and recording of historic buildings. The program is intended to help students distinguish the form, fabrication, and assembly of materials and building elements and understand their chronology. They will learn how to read and apply field evidence to answer larger questions concerning architectural and social history. This course is sponsored by NIAHD.

HIST 407 - Field School in Material Culture

Spring (3) Kern
This course provides tools for using material culture as a source for history through multidisciplinary study in the identification, documentation, analysis, and interpretation of material objects. The material culture of tobacco provides our subject, from ancient forms of consumption, agricultural practices, labor systems, to the rise of the modern corporation. This course is sponsored by NIAHD.

HIST 408 - NIAHD Field School in Public History

Fall and Spring (3) Kern
This course fulfills the NIAHD internship requirement and is designed to give students practical experience in a museum setting with a background of readings in public history and classroom discussion sessions designed to promote both critical and scholarly engagement with an individually chosen topic. The instructor will work with students before the start of the semester to arrange for a museum professional to host the student in a professional working environment for about ten hours a week in addition to the class meetings. This course is sponsored by NIAHD.

HIST 409 - Public History

Fall (3) Kern
Public History explores how history museums, especially Colonial Williamsburg, present history and make it meaningful today. The course uses current issues of society, politics, and race to interpret institutions that purport to speak to the collective identity of Americans through such media as exhibitions, performances, books, film, and digital communications. This course is sponsored by NIAHD. *(formerly HIST 448)*

HIST 410 - Early American Architecture

Fall or Spring (3) Lounsbury, Kern
This course is intended to introduce students to issues and research methods in early American architecture. Buildings are examined as expressions of fine art and social history. The course focuses on a variety of topics, building types, and theoretical approaches by examining archaeological and documentary sources and standing structures. This course is sponsored by NIAHD.

HIST 413 - Topics in History

Fall (3) Staff
Topics vary by semester. For current offerings, please consult the course schedule posted on my.wm.edu. (These courses may be repeated for credit if there is no duplication of topic.) *(formerly HIST 490)*

HIST 414 - Topics in History

Spring (3) Staff
Topics vary by semester. For current offerings, please consult the course schedule posted on my.wm.edu. (These courses may be repeated for credit if there is no duplication of topic.) *(formerly HIST 491)*

HIST 467 - Independent Study

Fall (3) Staff
A tutorial designed primarily for history majors who wish to pursue independent study of a problem or topic. Programs of study will be arranged individually with a faculty supervisor. Admission by consent of the chair of the department. Students must have a 3.0 cumulative grade point average to pursue independent study in history. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 468 - Independent Study

Spring (3) Staff
A tutorial designed primarily for history majors who wish to pursue independent study of a problem or topic. Programs of study will be arranged individually with a faculty supervisor. Admission by consent of the chair of the department. Students must have a 3.0 cumulative grade point average to pursue independent study in history. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 490C - Capstone Seminar

Fall (4) Staff
Topics vary by semester. Note: For current offerings, please consult the course schedule posted on my.wm.edu. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 491C - Capstone Seminar

Spring (4) Staff
Topics vary by semester. Note: For current offerings, please consult the course schedule posted on my.wm.edu. (These courses may be repeated for credit if there is no duplication of topic.)

HIST 492 - Problems in Modern History

Fall or Spring (3) Staff
Topics change each year. (This course may be repeated for credit if there is no duplication of topic.)

HIST 495 - Honors

Fall and Spring (3) Staff
Students admitted to honors study in history will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for (a) reading and discussion of a selected list of books in some specific area of historical literature; (b) submission of a scholarly thesis to his or her advisor two weeks before the last day of classes of his or her graduating semester; (c) a comprehensive oral examination. Admission by consent of the department chair. The department's honors program guidelines are available on the department's website and in hard copy (consult the department secretary). Note: For College provisions governing the Admission to Honors, see Honors and Special Programs under Requirements for Degrees in this catalog.

HIST 496 - Honors

Fall and Spring (3) Staff
Students admitted to honors study in history will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for (a) reading and discussion of a selected list of books in some specific area of historical literature; (b) submission of a scholarly thesis to his or her advisor two weeks before the last day of classes of his or her graduating semester; (c) a comprehensive oral examination. Admission by consent of the department chair. The department's

honors program guidelines are available on the department's website and in hard copy (consult the department secretary). Note: For College provisions governing the Admission to Honors, see Honors and Special Programs under Requirements for Degrees in this catalog.

HIST 499 - Internship in History

Fall, Spring, Summer (1-3) Staff
This designation is used for internships that would count towards the major in history. Each internship application can be approved only by the department's Director of Undergraduate Studies who will decide whether the internship meets the academic standards and work requirements of the
history department.

Interdisciplinary Studies [Back to Table of Contents]

Faculty

Professor

Schwartz, Director.

Interdisciplinary Program

The curriculum of the Faculty of Arts and Sciences provides for interdisciplinary majors that fall into two categories. First, a student, working in consultation with a faculty advisor, may formulate an interdisciplinary major that is uniquely tailored to his or her interest. The responsibility for formulating a sound academic program of interdisciplinary study lies with the individual student and the advisor, and the proposed major must be approved by the Committee on Honors and Interdisciplinary Studies (CHIS). Normally, students pursuing an interdisciplinary major base their program upon a solid understanding of an established discipline, and must include courses from at least three departments, with no more than half of the credit hours from any one department. More than two courses at the introductory level are seldom approved.

Second, requirements have been established for interdisciplinary majors in the following areas: Africana Studies; Computational and Applied Mathematics and Statistics; Environmental Science/Studies; Gender, Sexuality, and Women's Studies; Film and Media Studies; Linguistics; and Medieval and Renaissance Studies.

Applications for interdisciplinary majors must adhere to the Registrar's deadlines for declaring a primary major. In addition, all applications for interdisciplinary majors as a change of major or secondary major must be submitted to the Committee on Honors and Interdisciplinary Studies before the beginning of preregistration for the first semester of the student's senior year. All interdisciplinary programs must be compatible with the degree requirements for Arts and Sciences. Each major must fulfill the Major Writing Requirement by earning a grade of C- or better in the course designated as the writing course within the program submitted to CHIS. Each major must also fulfill the Computer Proficiency Requirement by earning a grade of C- or better in the course designated as the computer proficiency course within the program submitted. CHIS, or the appropriate advisory committee, must approve the designation of courses that fulfill the writing and computer proficiency requirements.

Program

Majors

Africana Studies
Computational and Applied Mathematics, Applied Statistics Track
Computational and Applied Mathematics, Biology Track
Environmental Science/Policy
Gender, Sexuality, & Women's Studies
Film and Media Studies
Linguistics
Medieval and Renaissance Studies

Minors

Interdisciplinary minors are offered in:

Africana Studies
Biochemistry
Community Studies
CAMS Mathematical Biology, Minor
Environmental Science and Policy
Film and Media Studies, Minor
Gender, Sexuality, & Women's Studies
Italian Studies
Judaic Studies
Linguistics
Marine Science
Medieval and Renaissance Studies
Public Health

Students may not create other interdisciplinary minors.

Description of Courses

The following interdisciplinary courses are taught by individual instructors or by a group of instructors who wish to explore a subject outside the present departmental programs. They are coordinated by the Charles Center.

Africana Studies

AFST 348 - African American Religions

Spring (3) Fitzgerald (GER 4C)
An historical, thematic, and theoretical overview of African American religions from enslavement through contemporary Caribbean and African migrations. (Cross listed with RELG 348)

College Curriculum

COLL 100 - Critical Questions

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

Interdisciplinary Studies

INTR 100 - Big Ideas in Interdisciplinary Studies

Fall or Spring (4) Staff. (College 100)
An exploration of significant questions and integrative concepts in Interdisciplinary Studies, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

INTR 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of interdisciplinary topics in a seminar format. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

INTR 160 - Digital Information Literacy

Spring (1) Swem Reference Staff
Examines how computers process digital information; communicating using computers; security and privacy issues; analyzing research needs; finding information electronically; evaluating the information found; and information ethics.

INTR 204 - GIS In the Earth and Environmental Sciences

Fall and Spring (3) Rose Prerequisite(s): ENSP 101 or GEOL 101, GEOL 110 or GEOL 150W
This course will provide an introduction to using Geographic Information Systems (GIS) as a tool in earth and environmental

science and policy. Emphasis will be on hands-on application of GIS to create maps, to organize and visualize spatial data, and to query spatial data to elucidate answers to earth and environmental questions

INTR 220 - Curating, Collecting, and Connoisseurship

Fall and Spring (3) Spike
This seminar, held in the Muscarelle Museum of Art, emphasizes the role of the curator in the museum field, especially in the areas of exhibition, preparation, cataloguing, and public speaking. Through exploration of the Muscarelle permanent collection, seminar students will also gain practical curatorial training in primary source research that will provide a foundation in the knowledge and skills expected of museum professionals. Lectures by the Museum's permanent staff will broaden the students' knowledge of the inner-workings of a museum and the variety of skillsets required in a productive and attractive museum. Students may take this course two times for credit, making it possible for them to work with additional materials for exhibition and to learn more about connoisseurship curation. (May be repeated once for credit.)

INTR 299 - W&M Summer Study Abroad Program Preparatory Course

Spring (1) Directors of Each Program.
This course is designed specifically for students going on one of the W&M Summer Study Abroad Programs and is intended to enhance a student's cross-cultural understanding and experience, and to cover a variety of pre-departure questions. This course will include substantive academic content.

INTR 322 - Introduction to Library Resources

Fall and Spring (1) Showalter
Course Objectives: to gain an understanding of the role of libraries and information in American culture and society today; to acquire a theoretical and logical approach to information gathering; to learn the practical skills of identifying, locating, evaluating, and effectively using print and electronic information sources.

INTR 350 - Emergent Dialogues: The Intersection of Art and Science

Summer (4) Bagdassarian, Mead
Three-week intensive course straddling art and science. Motivated by the science of complex systems thinking, students will create sculptures interacting with the landscape of Matoaka Woods. This course will foster a creative, interdisciplinary, and reciprocal dialogue between artists and scientists.

INTR 455 - Pilgrimage Studies Seminar

Summer (3) Jenkins, Greenia Prerequisite(s): Instructor Permission *(GER 7)*
Intensive seminar on pilgrimage studies in Santiago, Spain, a major goal of Christian quests in a medieval and modern times. Interdisciplinary approaches to travel for transformation in diverse traditions through an examination of history, monuments, and current religious and touristic practices.

INTR 456 - Pilgrimage Studies Field Research

Summer (4) Jenkins, Greenia Corequisite(s): INTR 455. *(GER 7)*
Intensive guided field research on pilgrimage studies and practices In Santiago, Spain, or on the pilgrimage trails leading to its shrine. Interdisciplinary approaches to travel for transformation through mentored data collection and analysis on history, monuments, and current religious and touristic practices.

INTR 470 - Leadership Theory and Application

Summer (3) Stelljes
This course aims to help students think critically about what makes for successful leaders in the public sector. Lessons and examples are drawn from
history, communication studies, education, philosophy, sociology, and politics as well as from the field of social entrepreneurship. The class will explore the complex challenges that affect our communities today. This innovative curriculum combines rigorous academic work with a variety of
site visits to locations and agencies throughout Washington DC. Through lectures, discussions, debates, readings and writing assignments, students will develop a deeper perspective from which to interpret, question, reflect upon, and engage with the underlying issues within engaged community leadership. (Cross-listed with EDUC 470)

INTR 480 - Independent Study

Fall and Spring (1-4) Staff
For majors who have completed most of their major requirements and who have secured approval of the Committee on Honors and Interdisciplinary Studies and that of the instructor(s) concerned. An interdisciplinary major may include no more than six hours of Independent Study.

INTR 490 - Topics: Interdisciplinary Study

Fall or Spring (1-4) Staff

INTR 491 - Short Course in Interdisciplinary Studies

Fall and Spring (1) Staff
This course may be repeated for credit if topics vary.

INTR 495 - Interdisciplinary Honors

Fall, Spring (3) Staff
Students admitted to Interdisciplinary Honors will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for: (a) formulating a program of study in consultation with a faculty advisor; (b) submission of an Honors essay two weeks before the last day of classes of the semester in which the essay is being completed; (c) satisfactory performance in an oral examination on the subject matter of the Honors essay. The procedures and standards for Interdisciplinary Honors will be those in force in the department of the students primary faculty advisor. The primary faculty advisor, with the approval of CHIS, may make appropriate changes to those procedures and standards. Requests for these exceptions must accompany the student's proposal to do Honors. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

INTR 496 - Interdisciplinary Honors

Fall, Spring (3) Staff
Students admitted to Interdisciplinary Honors will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for: (a) formulating a program of study in consultation with a faculty advisor; (b) submission of an Honors essay two weeks before the last day of classes of the semester in which the essay is being completed; (c) satisfactory performance in an oral examination on the subject matter of the Honors essay. The procedures and standards for Interdisciplinary Honors will be those in force in the department of the students primary faculty advisor. The primary faculty advisor, with the approval of CHIS, may make appropriate changes to those procedures and standards. Requests for these exceptions must accompany the student's proposal to do Honors. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

INTR 499 - Washington Semester Internship

Fall and Spring (6) Summer (3) Staff Corequisite(s): Enrollment in Washington Program
This course combines an internship experience in Washington, D.C., with individual research supervised by the Washington Program instructor and results in a substantial assignment. Only students already accepted into the Washington Program are eligible to enroll.

International Relations [Back to Table of Contents]

Faculty

Professor

Sue Peterson, Director.

Assistant Professor

Katherine Rahman, Associate Director and Director of Advising.

International Relations Program

The curriculum of the Faculty of Arts and Sciences provides for an interdisciplinary major in International Relations (INRL), the study of economic, historic, and political relations among states. The international Relations concentration also addresses the interactions among states, markets, and non-state actors (such as international organizations, non-governmental organizations, and multi-national corporations). The curriculum has been designed to ensure that students address the major issues in the international arena from a variety of disciplinary perspectives. The major in International Relations is distinct from William & Mary's Global Studies program, which focuses on the culture, history, languages, literature, politics and religions of major world regions. If you are interested in such a course of study, you should see the Global Studies entry in this catalog.

In general, a major in International Relations includes courses from at least three departments. A detailed description of the degree program is provided below. Additional information about courses, prospective faculty advisors, and requirements is available on the International Relations website (www.wm.edu/as/internationalrelations).

Language Requirement. Degrees in International Relations include a modern foreign language component which exceeds the College's proficiency requirement. Students in International Relations must either

1. Complete three courses beyond the 202-level in one modern language OR
2. Achieve 202-level proficiency in two modern languages and complete one course beyond the 202-level in one of those languages.

Some freshman seminars may fulfill the IR language requirement. To count toward the language requirement, courses must be taught entirely in the target language.

Major Writing Requirement (MWR). The major writing requirement will be satisfied upon completion of the capstone seminar, internship, independent study or honors project.

Major Computer Proficiency Requirement (CPR). International Relations majors will satisfy the computer proficiency by successfully completing the concentration methods course requirement.

Study Abroad. Students are strongly encouraged to seek overseas opportunities which complement their International Relations major. With prior approval, many courses taken abroad may be applied to major or other requirements. Contact the Global Education office at the Reves Center for more information.

Major Declaration. A prospective major in International Relations should discuss their plans with a faculty advisor as soon as possible. See the IR website for details of declaring a concentration.

Description of Courses

With the exception of Independent Study, special topics courses, internships and Senior Honors (see below), courses for an International Relations major are selected from those available in the curricula of the various departments and schools. Course descriptions appear elsewhere in the catalog.

Program

International Relations Major, BA

The International Relations major requires a minimum of thirty seven credits selected from the options listed under Parts A, B, C, D, and E below. In choosing courses, students are encouraged to work with their advisors to achieve an appropriate degree of substantive coherence across disciplines and analytical approaches. For example, a student might combine HIST 182 - African History since 1800 in Part E with ANTH 335 - Peoples and Cultures of Africa under Part C. Such choices should also be taken into consideration by the student in selecting the language(s) used to fulfill the language co-requisite.

Part A: Core Curriculum (7 Courses)

Part A represents the core of the IR major, and includes basic requirements in Government, Economics, and History. All courses must be taken, and no substitutions are allowed. Prerequisites in (parentheses).

- GOVT 204 - Introduction to International Politics *(3)*
- GOVT 328 - International Political Economy *(3)* (GOVT 204)
- GOVT 329 - International Security *(3)* (GOVT 204)
- ECON 475 - International Trade Theory and Policy *(3)* (ECON 101, ECON 102, ECON 303)
- ECON 476 - International Finance and Open Economy Macroeconomics *(3)* (ECON 101, ECON 102, ECON 304)
- HIST 192 - Global History since 1500 *(3)*
- INRL 300 - International Relations in Disciplinary Perspectives *(4)* (GOVT 204, HIST 192, ECON 101/ECON 102) /INRL 300D

Part B: Methods (1 Course)

Part B includes courses designed to familiarize students with the basic methodological tools of disciplines contributing to the IR major. Students who intend to write an Honors thesis or independent study in IR should select the methods course that provides the necessary tools to complete their research. It may be fulfilled with any of the following courses:

- BUAD 231 - Statistics *(3)*
- GOVT 301 - Research Methods *(3)*
- GOVT 302 - Quantitative Methods *(3)*
- GOVT 307 - Political Polling and Survey Analysis *(3)*
- ECON 307 - Principles and Methods of Statistics *(3)*
- ECON 308 - Econometrics *(3)*
- PSYC 302 - Experimental Methods *(4)* (PSYC 201, PSYC 202, PSYC 301 prerequisites, 302L co-req.)
- SOCL 352 - Research Design *(3)* (SOCL 250)
- SOCL 353 - Quantitative Research Methods *(3)* (SOCL 250 or consent)

Part C: Social and Cultural Contexts (1 Course)

Part C emphasizes the role that social and cultural contexts play in international relations, and exposes students to relevant disciplinary approaches. Students may fulfill part C with any of the following courses:

- ANTH 330 - Caribbean Cultures *(3)* (ANTH 202)
- ANTH 335 - Peoples and Cultures of Africa *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*
- ANTH 342 - Peoples and Cultures of East Asia *(3)*
- GOVT 311 - European Politics *(3)* (GOVT 203)
- GOVT 312 - Politics of Developing Countries *(3)* (GOVT 203)
- GOVT 334 - Russian and Post-Soviet Politics *(3)*
- GOVT 335 - The Politics of Eastern Europe *(3)*
- GOVT 336 - Governments and Politics of China and Japan *(3)*
- GOVT 337 - Politics in Africa *(3)*
- GOVT 338 - Latin American Politics and Government *(3)*
- GOVT 339 - Middle Eastern Political Systems *(3)*
- HIST 280 - West Africa Since 1800 *(3)*
- HIST 309 - The Caribbean *(3)*
- HIST 304 - History of Brazil *(3)*
- HIST 305 - History of Mexico *(3)*
- HIST 325 - The Rise and Fall of Apartheid *(3)*
- HIST 330 - America and China: U.S.-China Relations since 1784 *(3)*
- HIST 331 - Modern Japanese History *(3)*
- HIST 332 - Modern Korean History *(3)*
- HIST 333 - Modern Chinese History *(3)*
- HIST 370 - History of Britain 1783 to the Present *(3)*
- HIST 373 - East Central Europe *(3)*
- HIST 378 - History of Russia since 1800 *(3)*

- HIST 384 - History of Germany since 1918 *(3)*
- HIST 386 - History of France, 1800 to the Present *(3)*
- SOCL 312 - Comparative Sociology *(3)*
- SOCL 313 - Globalization and International Development *(3)*
- or other approved course

Note:

If students take more than one course from the Part C list, those courses may be used as electives to fulfill Part E.

Part D: Capstone (1 Course)

To fulfill part D, each student must successfully complete one of the following:

- INRL 495 - Senior Honors in International Relations *(3)*
- INRL 496 - Senior Honors in International Relations *(3)*
- INRL 480 - Independent Study in International Relations *(1-3)*
- ECON, GOVT, HIST (400-level seminar in contributing department; approved IR topics only)
- INRL 498 - Internship *credits to be arranged*
- or other approved course

Part E: Electives (2 courses)

IR majors may choose any two courses from the list below, provided that no more than nine of the twelve total courses required for the concentration come from the economics and/or government department. All the courses in Part C listed above can also count as Part E courses.

- ANTH 350 - Special Topics in Anthropology *(3-4)* (IR Topics only)
- ANTH 475 -Globalization, Democratization and Neonationalisms
- ANTH 476 - National Formations and Postcolonial Identities
- BUAD 417 - International Finance *(3)* (BUAD 203, ECON 101, ECON 102)
- ECON 300 - Topics in Economics *(3)* (approved IR topics only)
- ECON 342 - Global Economic History *(3)* (ECON 101, ECON 102)
- ECON 382 - Comparative Economics *(3)* (ECON 101, ECON 102)
- ECON 400 - Topics in Economics *(3-4)* (approved IR topics only)
- ECON 474 - Seminar in International Economic Integration *(3)*
- ECON 483 - Macroeconomics of Development *(3)* (ECON 303, ECON 304)
- GOVT 322 - Global Environmental Governance *(3)* (GOVT 204)
- GOVT 324 - U.S. Foreign Policy *(3)*
- GOVT 325 - International Organization *(3)* (GOVT 204)
- GOVT 326 - International Law *(3)* (GOVT 204)
- GOVT 327 - Theory and History in International Relations *(3)* (GOVT 204)
- GOVT 330 - The Politics of European Integration *(3)* (GOVT 204)
- GOVT 391 - Topics in Government *(3)* (International Relations topics only)

- GOVT 433 - Seminar: Theories of the International System *(4)*
- GOVT 482 - Seminar: Geostrategic Thought *(4)*
- HIST 131 - Survey of Latin American History to 1824 *(3)*
- HIST 132 - Survey of Latin American History since 1824 *(3)*
- HIST 142 - Survey of East Asian Civilization since 1600 *(3)*
- HIST 161 - History of South Asia *(3)*
- HIST 172 - Modern Middle East since 1400 *(3)*
- HIST 181 - African History to 1800 *(3)*
- HIST 211 - Topics in History *(3)* (only approved IR topics)
- HIST 212 - Topics in History *(3)* (only approved IR topics)
- HIST 223 - Pacific War *(3)*
- HIST 241 - European History, 1815-1914 *(3)*
- HIST 242 - European History, 1914-1945 *(3)*
- HIST 243 - Europe since 1945 *(3)*
- HIST 265 - Postwar Japan *(3)*
- HIST 280 - West Africa Since 1800 *(3)*
- HIST 284 - African History during Colonialism and Independence *(3)*
- HIST 311 - Topics in History *(1-4)* (only approved IR topics)
- HIST 312 - Topics in History *(1-4)* (only approved IR topics)
- HIST 317 - History of Modern South Africa *(3)*
- HIST 319 - The Nuclear World *(3)*
- HIST 325 - The Rise and Fall of Apartheid *(3)*
- HIST 327 - The Global Color Line: U.S. Civil Rights and South African Anti-Apartheid Politics *(3)*
- HIST 334 - Nation, Gender, and Race in South Asia *(3)*
- HIST 341 - United States Immigration History *(3)*
- HIST 352 - U.S. Foreign Relations, 1763-1900 *(3)*
- HIST 353 - U.S. Foreign Relations, 1901 to the Present *(3)*
- HIST 354 - America and Vietnam *(3)*
- HIST 413 - Topics in History *(3)* (International Relations Topics Only)
- HIST 414 - Topics in History *(3)* (International Relations Topics Only)
- HIST 490C - Capstone Seminar *(4)* (International Relations topics only)
- HIST 491C - Capstone Seminar *(4)* (International Relations topics only)
- INRL 390 - Topics in International Relations *(1-4)*
- INRL 480 - Independent Study in International Relations *(1-3)*
- PSYC 470 - Psychology of Peace
- RELG 323 - Warfare and Ethics *(3)*

- SOCL 205 - Global Social Problems *(3)*
- SOCL 408 - Migration in a Global Context *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- SOCL 430 - Comparative Studies in Gender and Work *(3)*
- or other approved course

Course Descriptions

INRL 300 - International Relations in Disciplinary Perspectives

Fall and Spring (4) Staff Prerequisite(s): GOVT 204; ECON 101 & ECON 102; HIST 192.
INRL 300 is a course that addresses contemporary issues in international relations from three distinct disciplinary perspectives. It examines what these disciplines can tell us about issues driving the choices of states, firms, NGOs, social groups, consumers, and citizens.

INRL 300D - International Relations in Disciplinary Perspectives

Fall and Spring (4) Staff Prerequisite(s): GOVT 204; ECON 101 & ECON 102; HIST 192.
INRL 300 is a course that addresses contemporary issues in international relations from three distinct disciplinary perspectives. It examines what these disciplines can tell us about issues driving the choices of states, firms, NGOs, social groups, consumers, and citizens.

INRL 390 - Topics in International Relations

Fall or Spring (1-4) Staff
Selected topics in International Relations are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit.

INRL 391 - Short Course in International Relations

Fall or Spring (1) Staff
Selected topics in International Relations are offered occasionally. The topic to be considered will be announced prior to the beginning of the semester. These courses may be repeated for credit.

INRL 395 - Diplomacy Lab

Fall and Spring (1-3) Staff
Course for students accepted into the State Department's Diplomacy Lab program. Separate sections will be offered for each of the Diplomacy Lab projects. Instructor permission required. (Cross-listed with PUBP 395.)

INRL 480 - Independent Study in International Relations

Fall and Spring (1-3) Staff
Independent Study is an option for majors who have completed most of their major requirements and who have secured approval from a supervising instructor. An IR major can include no more than six hours of independent study. Forms for this purpose are available from the IR program or may be downloaded from the Program's web site.

INRL 495 - Senior Honors in International Relations

Fall, Spring (3) Staff
Students who wish to conduct an honors project must apply for admission to the Senior Honors program. As part of the application, students must submit a prospectus to the Charles Center by the end of classes in the academic semester before the project is to begin. A prospectus includes: (1) a clear statement of the problem to be researched; (2) a brief, critical review of scholarly literature on the research topic; (3) a description of the methodology to be employed; (4) and an approximate schedule of work. Eligible applicants must carry a 3.4 grade point average in International Relations and must also meet the College eligibility standard of 3.0 overall or in their junior year. For further information and an application, contact the Charles Center. Students admitted into the Senior Honors program in International Relations will enroll in these courses during both semesters of their senior year. Honors candidates are responsible for (1) formulating and completing a program of study in consultation with a faculty advisor; (2) meeting with the committee prior to the end of the first semester to present preliminary work, (3) preparation and presentation, by two weeks before the last day of classes in the spring semester, of an honors essay; and (4) satisfactory performance in a comprehensive oral examination which focuses on the subject matter of the honors essay. Note: For College

provisions governing admission to the Senior Honors program, see the discussion of major honors elsewhere in this catalog and the Charles Center web site.

INRL 496 - Senior Honors in International Relations

Fall, Spring (3) Staff
Students who wish to conduct an honors project must apply for admission to the Senior Honors program. As part of the application, students must submit a prospectus to the Charles Center by the end of classes in the academic semester before the project is to begin. A prospectus includes: (1) a clear statement of the problem to be researched; (2) a brief, critical review of scholarly literature on the research topic; (3) a description of the methodology to be employed; (4) and an approximate schedule of work. Eligible applicants must carry a 3.4 grade point average in International Relations and must also meet the College eligibility standard of 3.0 overall or in their junior year. For further information and an application, contact the Charles Center. Students admitted into the Senior Honors program in International Relations will enroll in these courses during both semesters of their senior year. Honors candidates are responsible for (1) formulating and completing a program of study in consultation with a faculty advisor; (2) meeting with the committee prior to the end of the first semester to present preliminary work, (3) preparation and presentation, by two weeks before the last day of classes in the spring semester, of an honors essay; and (4) satisfactory performance in a comprehensive oral examination which focuses on the subject matter of the honors essay. Note: For College provisions governing admission to the Senior Honors program, see the discussion of major honors elsewhere in this catalog and the Charles Center web site.

INRL 498 - Internship

Fall and Spring credits to be arranged Staff
An internship offers work experience while providing opportunities to apply and develop ideas, languages and research techniques outside the classroom. Internships must be developed in cooperation with an on-site internship supervisor and a sponsoring William and Mary faculty member and must be approved in advance.

Judaic Studies [Back to Table of Contents]

Faculty

Professor

Raphael, Director.

Judaic Studies Program

A dynamic program in Judaic Studies affords an exceptional and unusual educational opportunity for students to cultivate an appreciation of the historic role played by Jewish culture and the Jewish religion in the development of human civilization.

Students in this minor will benefit from:

- Academic rigor and dedication to intellectual training of the highest order.
- Curriculum constantly invigorated by interdisciplinary perspectives.
- Better understanding of the Jewish people, its culture, language, history, thought, religion, ethics, literature, and traditions.

Program

Judaic Studies, Minor

Required Credit Hours: 18

Of these, no more than 7 credits (including RELG 211) may be below the 300 level, and classes must be drawn from at least two departments.

Core Requirements:

RELG 211 is the only required class. The remaining 15 credits must be chosen from the following list of approved courses:

- RELG 203 - History and Religion of Ancient Israel *(3)*
- RELG 302 - Torah *(3)*
- RELG 304 - The Hebrew Prophets *(3)*
- RELG 305 - Biblical Wisdom: Job and Proverbs *(3)*
- RELG 309 - The Holocaust *(3)*
- RELG 310 - Topics in Judaic Studies *(3)*
- RELG 315 - Judaism in the Greco-Roman World *(3)* (cross-listed as CLCV 321)
- RELG 326 - Judaism in America *(3)*
- RELG 327 - Sexuality, Women and Family in Judaism *(3)*
- RELG 328 - Midrash: Jewish Interpretation of Scriptures *(3)*
- RELG 329 - The Rabbinic Mind *(3)*
- GOVT 339 - Middle Eastern Political Systems *(3)*
- GRMN 312 - Modern German Critical Thought I: 1670-1830. (Taught in English) *(3-4)*
- GRMN 313 - Modern German Critical Thought II: 1830 to the Present. (Taught in English) *(3-4)*
- GRMN 387 - Topics in German Studies. (Taught in English) *(3-4)*
- GRMN 390 - Topics in German Studies. (Taught in German) *(3)*
- GRMN 421 - The Turn of the Century: Vienna and Berlin *(3)*
- GRMN 422 - The Weimar Republic *(3)*
- GRMN 424 - The Holocaust in German Literature and Film *(3)*
- HBRW 201 - Reading the Bible in Hebrew I *(3)* (cross-listed as RELG 205)
- HBRW 202 - Reading the Bible in Hebrew II *(3)* (cross-listed as RELG 206)
- HBRW 490 - Topics in Biblical Hebrew *(3)*
- HIST 172 - Modern Middle East since 1400 *(3)*

Additional Information:

Students must design their minor with an advisor who is a member of this program's faculty. Eligible faculty members are:

Michael Daise, Religious Studies
Julie Galambush, Religious Studies
Robert S. Leventhal, Modern Languages
Marc Lee Raphael, Religious Studies and Director of the Program in Judaic Studies

Electives used towards the minor are restricted to the above list of classes. Independent studies and "topics" courses in other programs and departments may also be eligible for Judaic Studies credit. Please contact your Judaic Studies advisor to discuss these options and receive approval.

Kinesiology & Health Sciences [Back to Table of Contents]

Faculty

Professors

Deschenes (Chair), J. Charles, and **Kambis**

Associate Professors

Harris, Kohl, Looft-Wilson, McCoy and **Scott**

Lecturers

Burnet, K. Charles, Drake, Queen and **Whitley**

Requirements for Major

Kinesiology & Health Sciences prepares students for a wide variety of academic and professional pursuits in fields that specialize in human body movement and its effect on human health. An emphasis on disease prevention and health promotion in society is opening opportunities in a variety of health related areas including physical therapy, occupational therapy, physician assistants, nursing, public health, medicine, nutrition, aging studies, and sports related fields. Our department's focus is to prepare undergraduate students for post-graduate education and subsequent professional careers in those fields. Since ours is exclusively a baccalaureate degree awarding department, all of our teaching and research efforts are dedicated to our undergraduate students.

Students can elect to earn a B.A. or B.S. in Kinesiology & Health Sciences or choose one of three concentrations as a Kinesiology & Health Sciences major: a B.S. in Kinesiology & Health Sciences with a concentration in Allied Health; a B. S. in Kinesiology & Health Sciences with a concentration in Premed; or a B.S. in Kinesiology & Health Sciences with a concentration in Public Health.

Candidates for the B.S. degree in Kinesiology and Health Sciences must successfully complete, in addition to satisfying the NQR requirement or GER 1 and 2, three additional science courses from computer science, mathematics, biology, chemistry, geology, or physics. None of these three additional science courses may be taken on a Pass/Fail basis.

Activity Classes

The Activity Program of the Kinesiology & Health Sciences Department provides the College community with a variety of courses and services such that students have an opportunity to be physically active and challenged during their college years. These courses provide experiences to develop and demonstrate a level of fitness and physical proficiency and encourage the students to internalize values enabling them to remain physically active through their lifetime.

Programs

Kinesiology & Health Sciences, Allied Health Concentration, BS

Requirements for Major

Kinesiology & Health Sciences prepares students for a wide variety of academic and professional pursuits in fields that specialize in human body movement and its effect on human health. Students can elect to earn a B.A. or B.S. in Kinesiology & Health Sciences. If selecting a B.S., students may choose one of three concentrations as a Kinesiology & Health Sciences major, but are not required to do so: a B.S. in Kinesiology & Health Sciences with a concentration in Allied Health; a B.S. in Kinesiology & Health Sciences with a concentration in Premed; or a B.S. in Kinesiology & Health Sciences with a concentration in Public Health.

Required Credit Hours: 34

(not including physical activity courses)

Major Computing Requirement:

- KINE 308 - Biomechanics of Human Movement *(3)* or
- KINE 394 - Statistics and Evaluation *(3)* or
- Any introductory statistics course

Major Writing Requirement:

The major writing requirement in Kinesiology & Health Sciences may be satisfied by obtaining a C- or better in one of the following courses:

- KINE 393 - Health Ethics *(3)*
- KINE 405 - Maternal, Neonatal, and Child Health *(3)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 470 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 471 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 480 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 481 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 493 - Philosophy in Kinesiology & Health Sciences *(3)*
- KINE 495 - Honors *(3)*
- KINE 496 - Honors *(3)*
- KINE 498 - Internship *(3)*

Core Requirements Outside the Major:

Candidates for the B.S. degree in Kinesiology and Health Sciences must successfully complete, in addition to satisfying the NQR requirement or GER 1 and 2, three additional science courses from computer science, mathematics, biology, chemistry, geology, or physics. None of these three additional science courses may be taken on a Pass/Fail basis.

The B.S. In Kinesiology & Health Sciences with a Concentration in Allied Health:

Students must pass the following required courses:

- KINE 303 - Human Anatomy *(3)*
- KINE 304 - Human Physiology *(3)*
- KINE 305 - Human Physiology Lab *(1)*
- KINE 314 - Dissection Human Anatomy Lab *(1)* or
- KINE 315 - Human Anatomy Lab *(1)*
- KINE 394 - Statistics and Evaluation *(3)* or any introductory statistics course
- KINE 498 - Internship *(3)*

In Addition

Students must pass 4 of the following courses:

- KINE 280 - Introduction to Public Health *(3)*
- KINE 295 - Health-related Exercise Prescription *(3)*
- KINE 308 - Biomechanics of Human Movement *(3)*
- KINE 322 - Motor Learning *(3)*
- KINE 350 - Science of Nutrition *(3)*
- KINE 354 - Nutrition in Health & Disease *(3)*
- KINE 360 - Physiology of Aging *(3)*
- KINE 442 - Exercise Physiology *(4)*

- KINE 460 - Medical Terminology *(3)*
- KINE 485 - Cellular Basis of Neuromuscular Physiology *(3)*

Kinesiology & Health Sciences, BA

Requirements for Major

Kinesiology & Health Sciences prepares students for a wide variety of academic and professional pursuits in fields that specialize in human body movement and its effect on human health. Students can elect to earn a B.A. or B.S. in Kinesiology & Health Sciences. If selecting a B.S., students may choose one of three concentrations as a Kinesiology & Health Sciences major, but are not required to do so: a B.S. in Kinesiology & Health Sciences with a concentration in Allied Health; a B.S. in Kinesiology & Health Sciences with a concentration in Premed; or a B.S. in Kinesiology & Health Sciences with a concentration in Public Health.

Required Credit Hours: 34

(not including physical activity courses)

Major Computing Requirement:

- KINE 308 - Biomechanics of Human Movement *(3)* or
- KINE 394 - Statistics and Evaluation *(3)* or
- Any introductory statistics course

Major Writing Requirement:

The major writing requirement in Kinesiology & Health Sciences may be satisfied by obtaining a C- or better in one of the following courses:

- KINE 393 - Health Ethics *(3)*
- KINE 405 - Maternal, Neonatal, and Child Health *(3)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 470 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 471 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 480 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 481 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 493 - Philosophy in Kinesiology & Health Sciences *(3)*
- KINE 495 - Honors *(3)*
- KINE 496 - Honors *(3)*
- KINE 498 - Internship *(3)*

Core Requirements Outside the Major:

Candidates for the B.S. degree in Kinesiology and Health Sciences must successfully complete, in addition to satisfying the NQR requirement or GER 1 and 2, three additional science courses from computer science, mathematics, biology, chemistry, geology, or physics. None of these three additional science courses may be taken on a Pass/Fail basis.

The B.A. In Kinesiology & Health Sciences:

Students receiving a B.A. degree in Kinesiology & Health Sciences must pass the following required courses:

- KINE 394 - Statistics and Evaluation *(3)* (GER1) or

- Any introductory statistics course
- One major writing course

Kinesiology & Health Sciences, BS

Requirements for Major

Kinesiology & Health Sciences prepares students for a wide variety of academic and professional pursuits in fields that specialize in human body movement and its effect on human health. Students can elect to earn a B.A. or B.S. in Kinesiology & Health Sciences. If selecting a B.S., students may choose one of three concentrations as a Kinesiology & Health Sciences major, but are not required to do so: a B.S. in Kinesiology & Health Sciences with a concentration in Allied Health; a B.S. in Kinesiology & Health Sciences with a concentration in Premed; or a B.S. in Kinesiology & Health Sciences with a concentration in Public Health.

Required Credit Hours: 34

(not including physical activity courses)

Major Computing Requirement:

- KINE 308 - Biomechanics of Human Movement *(3)* or
- KINE 394 - Statistics and Evaluation *(3)* or
- Any introductory statistics course

Major Writing Requirement:

The major writing requirement in Kinesiology & Health Sciences may be satisfied by obtaining a C- or better in one of the following courses:

- KINE 393 - Health Ethics *(3)*
- KINE 405 - Maternal, Neonatal, and Child Health *(3)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 470 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 471 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 480 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 481 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 493 - Philosophy in Kinesiology & Health Sciences *(3)*
- KINE 495 - Honors *(3)*
- KINE 496 - Honors *(3)*
- KINE 498 - Internship *(3)*

Core Requirements Outside the Major:

Candidates for the B.S. degree in Kinesiology and Health Sciences must successfully complete, in addition to satisfying the NQR requirement or GER 1 and 2, three additional science courses from computer science, mathematics, biology, chemistry, geology, or physics. None of these three additional science courses may be taken on a Pass/Fail basis.

The B.S. in Kinesiology & Health Sciences:

Students receiving a B.S. degree in Kinesiology & Health Sciences must pass the following required courses:

- KINE 303 - Human Anatomy *(3)*

- KINE 304 - Human Physiology *(3)* (GER2B)
- KINE 394 - Statistics and Evaluation *(3)* (GER1) or
- Any introductory statistics course
- One major writing course

Kinesiology & Health Sciences, Minor

Required Credit Hours: 21

(not including physical activity courses)

Core Requirements:

All Kinesiology & Health Sciences minors must pass the following required courses:

- KINE 303 - Human Anatomy *(3)*
- KINE 304 - Human Physiology *(3)*

Kinesiology & Health Sciences, Pre-Med Concentration, BS

Requirements for Major

Kinesiology & Health Sciences prepares students for a wide variety of academic and professional pursuits in fields that specialize in human body movement and its effect on human health. Students can elect to earn a B.A. in Kinesiology & Health Sciences or B.S. in Kinesiology & Health Science or choose one of three concentrations as a Kinesiology & Health Sciences major: a B.S. in Kinesiology & Health Sciences, with a concentration in Health Sciences; a B. S. in Kinesiology & Health Sciences with a concentration in Premed; or a B.S. in Kinesiology & Health Sciences, with a concentration in Public Health.

Required Credit Hours: 30

Major Computing Requirement

- KINE 308 - Biomechanics of Human Movement *(3)* or
- KINE 394 - Statistics and Evaluation *(3)* or
- Any introductory statistics course

Major Writing Requirement

The major writing requirement in Kinesiology & Health Sciences may be satisfied by obtaining a C- or better in one of the following courses:

- KINE 393 - Health Ethics *(3)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 470 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 471 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 480 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 481 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 493 - Philosophy in Kinesiology & Health Sciences *(3)*
- KINE 495 - Honors *(3)*
- KINE 496 - Honors *(3)*

- KINE 498 - Internship *(3)*

Core Requirements Outside the Major

Candidates for the B.S. degree in Kinesiology and Health Sciences must successfully complete, in addition to the NQR requirement, three additional science courses from computer science, mathematics, biology, chemistry, geology, or physics. This is in addition to satisfying the GER 1 and GER 2.

The B.S. in Kinesiology & Health Sciences with a Concentration in Premed:

This concentration is appropriate for further study in medicine.

Students receiving a concentration in Premed must pass the following required courses:

- KINE 270 - Foundations of Epidemiology *(3)*
- KINE 303 - Human Anatomy *(3)*

- KINE 314 - Dissection Human Anatomy Lab *(1)* or
- KINE 315 - Human Anatomy Lab *(1)*

- KINE 304 - Human Physiology *(3)* (GER2B)
- KINE 305 - Human Physiology Lab *(1)* (Lab)
- KINE 380 - Introduction to Clinical Practice *(3)*
- KINE 393 - Health Ethics *(3)* (GER7)
- KINE 394 - Statistics and Evaluation *(3)* (GER1) or any introductory statistics course
- KINE 450 - Cardiovascular Physiology *(3)*
- One writing course in the major

Additional Requirements:

A minimum of 30 credits in Kinesiology & Health Sciences must be completed for the Premed concentration. In addition, the following courses below are recommended for the Kinesiology & Health Sciences Premed concentration. All Chemistry courses must be taken with the laboratory courses. It is essential for all students considering health professions to consult with Dr. Bev Sher, Department of Biology (btsher@wm.edu) for academic guidance.

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)*
- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*
- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)*

- PHYS 101 - General Physics I *(3)*
- PHYS 101L - General Physics I Laboratory *(1)*
- PHYS 102 - General Physics II *(3)*
- PHYS 102L - General Physics II Laboratory *(1)*

  or
- PHYS 107 - Physics for the Life Sciences I *(3)*
- PHYS 107L - Physics for the Life Sciences I Lab *(1)*

- PHYS 108 - Physics for the Life Sciences II *(3)*
- PHYS 108L - Physics for the Life Sciences II Lab *(1)*

- CHEM 103 - General Chemistry I *(3)*
- CHEM 103L - General Chemistry Laboratory I *(1)*
- CHEM 206 - Organic Chemistry I *(3)*
- CHEM 206L - Organic Chemistry Laboratory I *(1)*
- CHEM 307 - Organic Chemistry II for Life Sciences *(3)*
- CHEM 353 - Organic Chemistry Laboratory II *(1)*
- CHEM 308 - General Chemistry II for Life Sciences *(3)*
- CHEM 354 - General Chemistry Laboratory II *(1)*

Kinesiology & Health Sciences, Public Health Concentration, BS

Requirements for Major

Kinesiology & Health Sciences prepares students for a wide variety of academic and professional pursuits in fields that specialize in human body movement and its effect on human health. Students can elect to earn a B.A. or B.S. in Kinesiology & Health Sciences. If selecting a B.S., students may choose one of three concentrations as a Kinesiology & Health Sciences major, but are not required to do so: a B.S. in Kinesiology & Health Sciences with a concentration in Allied Health; a B.S. in Kinesiology & Health Sciences with a concentration in Premed; or a B.S. in Kinesiology & Health Sciences with a concentration in Public Health.

Required Credit Hours: 34

(not including physical activity courses)

Major Computing Requirement:

- KINE 308 - Biomechanics of Human Movement *(3)* or
- KINE 394 - Statistics and Evaluation *(3)* or
- Any introductory statistics course

Major Writing Requirement:

The major writing requirement in Kinesiology & Health Sciences may be satisfied by obtaining a C- or better in one of the following courses:

- KINE 393 - Health Ethics *(3)*
- KINE 405 - Maternal, Neonatal, and Child Health *(3)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 470 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 471 - Independent Study in Kinesiology & Health Sciences *(1-3)*
- KINE 480 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 481 - Kinesiology & Health Sciences Research *(1-3)*
- KINE 493 - Philosophy in Kinesiology & Health Sciences *(3)*
- KINE 495 - Honors *(3)*

- KINE 496 - Honors *(3)*
- KINE 498 - Internship *(3)*

Core Requirements Outside the Major:

Candidates for the B.S. degree in Kinesiology and Health Sciences must successfully complete, in addition to satisfying the NQR requirement or GER 1 and 2, three additional science courses from computer science, mathematics, biology, chemistry, geology, or physics. None of these three additional science courses may be taken on a Pass/Fail basis.

The B.S. in Kinesiology & Health Sciences:

Students receiving a B.S. degree in Kinesiology & Health Sciences must pass the following required courses:

- KINE 303 - Human Anatomy *(3)*
- KINE 304 - Human Physiology *(3)* (GER2B)
- KINE 394 - Statistics and Evaluation *(3)* (GER1) or
- Any introductory statistics course
- One major writing course

The B.S. In Kinesiology & Health Sciences with a Concentration in Public Health:

This concentration is appropriate as preparation for further study or employment in the Public Health or Global Health sectors. It may also be of interest to those preparing to enter other health professions, including medicine, nursing, and allied health professions.

Students pursuing a concentration in Public Health must pass the following required courses:

- KINE 270 - Foundations of Epidemiology *(3)*
- KINE 280 - Introduction to Public Health *(3)*
- KINE 300 - The Social and Behavioral Sciences in Health *(3)*
- KINE 303 - Human Anatomy *(3)*
- KINE 304 - Human Physiology *(3)*

- KINE 393 - Health Ethics *(3)* or
- KINE 320 - Issues in Health *(3)*

- KINE 394 - Statistics and Evaluation *(3)* or any introductory statistics course

Additional Requirements

Students must complete at least one of the following while accumulating the minimum of 34 credits in the major:

- KINE 290 - Introduction to Global Health *(3)*
- KINE 301 - Public Health and Physical Activity *(3)*
- KINE 355 - International Nutrition *(3)*
- KINE 360 - Physiology of Aging *(3)*
- KINE 405 - Maternal, Neonatal, and Child Health *(3)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 460 - Environmental Health (3)

Course Descriptions

Kinesiology Activity

KINE 101 - Fitness, Leadership & Aging

Fall and Spring (2) K. Charles
This course is designed to introduce students to the facilitation of fitness activities primarily for older adults. It includes techniques for resistance training, cardiovascular training, balance, warm up, cool down, stretching, the basics of program design and field work with older adults. There is a fee associated with this course.

KINE 104 - Yoga

Fall and Spring (1) K. Charles
This course is designed as an introduction to "Iyengar yoga." We focus on developing strength, flexibility, and awareness through practicing postures and breath awareness (adaptable to all somatotypes and disabilities). There is a fee associated with this course.

KINE 106 - Tai Chi

Fall and Spring (1) K. Charles
Tai chi is a centuries-old Chinese discipline. It emphasizes an awareness of the interdependence of mind and body while enhancing health, self-cultivation and inner calm. There is a fee associated with this course.

KINE 120 - Ski/Snowboard Maine

Fall (1) Whitley
This course involves is an 8-10 day trip to a Maine ski resort during the winter break. Instruction will be given in both skiing and snowboarding. This course may be repeated for credit. There is a fee associated with this course.

KINE 122 - SCUBA

Fall and Spring (1) Staff
This course is designed as an introduction to scuba diving. By completing all requirements the student will be ready to undertake the open water training dives to achieve certification. There is a fee associated with this course.

KINE 130 - Adventure Games

Fall and Spring (1) Drake, Whitley.
This class provides a challenging experience through "new games," ropes and initiatives course, climbing, rappelling, prussiking and aerobic games. Emphasis is placed on group cooperation and a willingness to try. There is a fee associated with this course.

KINE 140 - White Water Canoeing

Fall and Spring (1) Staff
This course is designed to introduce students to tandem canoeing on Class I-II white water. This class culminates with a one day white water paddling trip. There is a fee associated with this course.

KINE 141 - White Water II

Fall and Spring (1) Staff Prerequisite(s): KINE 140 or KINE 154 or consent of instructor.
An intermediate level course open to canoes and kayaks. The emphasis is more advanced level strokes and maneuvers and refinement of rescue and self-rescue skills appropriate for lower intermediate whitewater. There is a fee associated with this course.

KINE 153 - Self Defense

Fall and Spring (1) Horvath
This course enables the student the opportunity to defend themselves in various threatening situations. Students will learn a global and unique approach to self-defense through judo techniques. There is a fee associated with this course.

KINE 154 - Kayaking

Fall and Spring (1) Drake, Whitley
Prepares beginners to kayak on Class II whitewater. Material covers safety practices, strokes, lake and river maneuvers, river

reading, self-rescue including the Eskimo roll and proper equipment. Field experience planned. There is a fee associated with this course.

KINE 164 - Rock Climbing I

Fall and Spring (1) Whitley
This beginning course introduces students to basic rock climbing, belaying and rappelling techniques. Skills include climbing, belaying, rappelling, knot tying, anchor systems, self-rescue, equipment selection and care, terminology, and communications. There is a fee associated with this course.

KINE 165 - Rock Climbing II

Fall and Spring (1) Whitley
An intermediate level class that increases depth and breadth of climbing, belaying and rappelling skills, including rescue, mental and physical conditioning, movement techniques, and an understanding of lead climbing practices. There is a fee associated with this course.

KINE 175 - Weight Training

Fall and Spring (1) K. Charles
This course is designed to provide the beginning weight trainer with the information and skills necessary to establish and work toward goals in the areas of muscular strength, size, endurance, and/or toning. There is a fee associated with this course.

KINE 177 - Winter Camping

Fall and Spring (1) Drake.
This class introduces the beginner to the exciting activities of the winter environment during a week- long trip during spring break. Skills include cross country skiing, snow shoeing, sledding, mountaineering, snow shelters, and safety. Students spend two nights outside, otherwise accommodations are provided in an outdoor education center. There is a fee associated with this course.

KINE 180 - Outdoor Leadership

Fall and Spring (1) Drake, Whitley Prerequisite(s): Consent of instructor.
This course is designed to give those students with previous experience in a particular outdoor activity an opportunity to work under the supervision of a professional outdoor educator as a teaching assistant. There is a fee associated with this course.

KINE 181 - Fitness Leadership

Fall and Spring (1) K. Charles Prerequisite(s): Consent of instructor.
This course is designed to give those students with previous experience in a particular fitness activity an opportunity to work under the supervision of a professional fitness educator as a teaching assistant. This course may be repeated one time for credit. There is a fee associated with this course.

KINE 182 - Ballroom Dance Leadership

Fall and Spring (1) Young Prerequisite(s): KINE 185
This course is designed to give those students with previous experience in ballroom dance an opportunity to work under the supervision of a professional ballroom dance instructor as a teaching assistant.

KINE 185 - Ballroom Dance I

Fall and Spring (1) Young (ACTV, GER 6)
This course is designed to introduce students to beginning ballroom dance including social dance skills. The students will obtain dance fundamentals in rhythm, dance position, and leading/following skills. We will learn the following dances: Waltz, Viennese Waltz, Foxtrot, Cha-Cha, Swing, and Jive. There is a fee associated with this course.

KINE 186 - Ballroom Dance II

Fall and Spring (1) Young Prerequisite(s): KINE 185. *(ACTV, GER 6)*
This course is designed to help students apply and perfect the skills learned in Ballroom I. The students will have the opportunity to choreograph and perform their own dances. While actively involved in creating dances we will expand upon the dances learned in Ballroom I. There is a fee associated with this course.

KINE 191 - Adventure Sports Leadership

Fall and Spring (2) Whitley
Learn the theory and application of adventure oriented leadership In a dunamic, active setting. Topics include leadership theory, group dynamics, group facilitation, trip planning, risk management, wilderness living/survival skills, basic adventure sports

skills, instructional practices, and more. Students will gain experience and knowledge in basic wilderness living and sports skills through regular class experience and a weekend backpacking trip during the course.

KINE 196 - Topics in Physical Activity

Fall and Spring (1) Staff
Topics not covered in regular offerings. Topics and instructor will vary from year to year.

KINE 198 - Ropes Course Facilitation

Fall and Spring (2) Drake Corequisite(s): Ropes facilitation II.
This course is designed to prepare students to work as ropes course facilitators. It will provide activities, games, strategies, and techniques that will enable a facilitator to assist groups in achieving their goals on a ropes and initiatives course.

Kinesiology & Health Sciences

KINE 100 - Critical Questions in Kinesiology and Health Sciences

Fall and Spring (4) S (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Kinesiology and Health Studies for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

KINE 150 - First Year Seminar

Fall and Spring (4) Staff (C150)
An exploration of a specific topic in Kinesiology and Health Sciences. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

KINE 200 - Introduction to the Human Body

Fall (3) Everhardt (College 200, NQR, GER2B)
A broad-based examination of the human body. Structure and function of cells, tissues, and organ systems will be examined in a variety of applications such as lifespan, environmental and evolutionary adaptations. This course is not appropriate for premed students. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

KINE 204 - Introduction to Kinesiology & Health Sciences

Fall and Spring (3) Kohl (NQR)
An introduction to the study of human movement with emphasis upon historical, philosophical, socio-cultural, physiological, biomechanical and psychological aspects. This course provides an integrated set of general principles which are an appropriate preparation for further study in kinesiology and health sciences.

KINE 270 - Foundations of Epidemiology

Fall, Spring (3) Staff
An introduction to the core concepts of epidemiology, which is a study of the distribution of disease within a population and the factors that influence that distribution. The course will apply an epidemiologic lens to current issues in public health and clinical medicine.

KINE 280 - Introduction to Public Health

Spring (3) Staff
An introduction to the key concepts and considerations in public health research and practice. Selected public health topics will be presented from biomedical, epidemiologic, socio-cultural, and policy perspectives In the context of low, middle, and high-Income countries.

KINE 290 - Introduction to Global Health

Fall and Spring (3) Staff (College 200, NQR)
The course will introduce students to health issues around the world. Emphasis will be placed on social, economic, political, and environmental determinants of health, and health inequities. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

KINE 295 - Health-related Exercise Prescription

Fall and Spring (3) Burnet (GER 2B)
This course addresses the scientific basis of designing exercise programs to promote health among individuals of all ages, and both sexes. Special concerns (e.g. pregnancy, pre-diabetes, arthritis) will also be featured. It will NOT address the conditioning of elite athletic performance. Principles of overload, progression, and specificity are covered as well as intensity, frequency, duration, and mode. Various methods of training (endurance, Interval, resistance, cross-training) are featured. Finally, the detrimental effects of disuse, such as limb immobilization or bed rest, will be discussed

KINE 300 - The Social and Behavioral Sciences in Health

Fall (3) Scott
The course will introduce students to historical and current applications of the social and behavioral sciences in public health research and practice. The course will also examine social and behavioral determinants of health equity.

KINE 301 - Public Health and Physical Activity

Spring (3) Staff
The course will explore behavioral, social, and environmental determinants of physical activity. Emphasis will be placed on the importance of these issues to the obesity epidemic, and to widening health disparities based on class and race.

KINE 303 - Human Anatomy

Fall, Spring and Summer (3) McCoy Prerequisite(s): KINE 200 or BIOL 220 or BIOL 225. *NQR*
Gross and histological study of the human organism with particular emphasis on the neuro-muscular systems as related to human movement.

KINE 304 - Human Physiology

Spring (3) Deschenes Prerequisite(s): KINE 200 or BIOL 220 or BIOL 225. *(NQR, GER 2B)*
Detailed study of the manner in which different organ systems of the human body function.

KINE 305 - Human Physiology Lab

Spring (1) Looft-Wilson Prereq/Corequisite(s): KINE 304.
Experiments and demonstrations illustrating nerve and muscle function, sensory physiology, reflex activities, heart function and blood pressure and renal responses to fluid intake. Two laboratory hours. There is a fee associated with the laboratory.

KINE 308 - Biomechanics of Human Movement

Spring (3) McCoy Prerequisite(s): KINE 303. *Corequisite(s):* KINE 308L.
A study of the mechanical principles of the human body during movement. Two class hours, two laboratory hours. There is a fee associated with the laboratory.

KINE 310 - Microbes in Human Disease

(Fall or Spring) (3) Queen Prerequisite(s): KINE 200 or BIOL 220 BIOL 225
An introductory course investigating microbes and their impact on human health. Topics to include pathogens of humans, their mechanism of action, their clinical relevance in the US and abroad, functions of the immune system and current medical practices to protect humans from infection.

KINE 311 - Microbes in Human Disease Laboratory

(Fall or Spring) (1) Queen Prereq/Corequisite(s): KINE 310
This course will introduce microbiological techniques in order to allow students to understand prokaryotic and eukaryotic organisms. In this lab, techniques will focus on bacteria, with students learning to use aseptic technique in the isolation and identification of bacterial species.

KINE 314 - Dissection Human Anatomy Lab

Fall , Spring and Summer (1) McCoy Prereq/Corequisite(s): KINE 303.
Examination of the human body through detailed cadaver dissection. Emphasis is placed on the skeletal, muscular, nervous, cardiovascular, and respiratory systems of the body. Four laboratory hours. There is a fee associated with this laboratory.

KINE 315 - Human Anatomy Lab

Fall, Spring and Summer (1) McCoy Prereq/Corequisite(s): KINE 303.
Examination of the human body through detailed cadaver examination. Emphasis is placed on the skeletal, muscular, nervous, cardiovascular, and respiratory systems of the body. Two laboratory hours. There is a fee associated with this laboratory.

KINE 320 - Issues in Health

Spring (3) Harris
Contemporary issues in health are examined. These issues include immunity and AIDS; cancer and genetics; cardiovascular health and assisted suicides and abortion.

KINE 321 - Health and Human Movement

Fall (3) Staff
A survey of several contemporary topics in health including but not limited to mental/emotional health, cardiovascular health, human sexuality, nutrition, psychoactive drugs, alcohol and ethical issues.

KINE 322 - Motor Learning

Fall and Spring (3) Kohl (NQR)
An introduction to the principles and concepts of learning basic to the acquisition and performance of physical skills. Factors and conditions affecting skill learning will be stressed. Emphasis will be placed on practical applications in instructional setting.

KINE 325 - Environmental Issues in Public Health

(Fall or Spring) (3) Staff
This course explores how the environment impacts human health. It introduces the methods used to study environmental health, surveys the nature and control of environmental hazards, and touches on some hot topics and current controversies in the field.

KINE 335 - Play, Sport and Culture

Summer (3) J. Charles
An interdisciplinary examination of the significance of play, sport and other forms of human movement as socio-cultural phenomena. The course incorporates cross cultural analysis of play as an acculturation process and sport as an established institution.

KINE 340 - Motor Development

Summer (3) Kohl (GER 3)
This course is designed to examine the growth and development of motor skills throughout the entire life span, and to investigate the changes in motor development from childhood and adolescence through older adulthood.

KINE 350 - Science of Nutrition

Fall, Spring and Summer (3) Kambis (NQR, GER2B)
An introductory course beginning with the anatomy and physiology of the gastrointestinal system. Individual nutrients are discussed and there is an in depth treatment of life cycle nutrition issues.

KINE 352 - Nutrition and the Brain

Fall, Spring and Summer (3) Kambis (College 200, NQR, GER 2B, GER 3)
Although the science of nutrition and brain function is relatively new and is still evolving, certain nutrients In foods are known to be essential to human brain function. Through exploration of past and current research in the area of nutrition science, students will be exposed to the development of the body of literature exploring the effects of various nutrients found in food and how these nutrients affect the brain and subsequent behavior. Meets the major writing requirement. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

KINE 354 - Nutrition in Health & Disease

(Fall or Spring or Summer) (3) Kambis (College 200, CSI)
This course is designed to present both core nutrition information as well as nutrition guidelines regarding the reduction of risk of chronic diseases as well as diet therapy during illness. Coverage of current research topics will elucidate specialty areas and advanced subjects. Another component of this course is to help students of nutrition evaluate information and products available from the media, colleagues, and the marketplace. (This course is anchored in the CSI domain, and also considers aspects of the NQR domain.)

KINE 355 - International Nutrition

Fall (3) Ickes
This course uses physiologic, socio-cultural, and political-economic perspectives and multiple theoretical frameworks to examine the causes and
consequences of poor nutrition in the global context, with an emphasis on low- and middle-income countries.

KINE 360 - Physiology of Aging

Spring (3) Looft-Wilson
An introduction to the theories of aging, the physiological changes associated with aging, and common diseases of aging. Class discussion involves a survey of the basic scientific literature in aging research.

KINE 365 - Current Scholarship in Kinesiology & Health Sciences

Fall and Spring (1) Staff
Consent of instructor required. Issues will be studied in conjunction with attendance at a regional or national professional meeting. Graded pass/fail. This class may be repeated for credit.

KINE 380 - Introduction to Clinical Practice

Fall, Spring (3) Staff
This course addresses principles of contemporary health care. Students are introduced to concepts in quality practice and economic issues affecting current health care delivery.

KINE 393 - Health Ethics

Fall, Spring (3) J. Charles (GER7)
An introduction to health-related ethical problems and the nature of ethical reasoning. Emphasis upon ethical problem-solving in personal, public, and environmental health for Kinesiology & Health Sciences and Environmental Science/Studies majors.

KINE 394 - Statistics and Evaluation

Fall (3) Staff Prerequisite(s): KINE 204 or KINE 304. *(MATH, GER 1)*
An introduction to the use of statistics within the process of evaluation. Descriptive and inferential statistical procedures including confidence intervals, correlation, t-tests, and analysis of variance are covered. Proper application of those procedures during the evaluation of data is emphasized.

KINE 400 - Sport Psychology

Spring (3) Connelly (GER 3)
This course is designed as an introduction to the study of psychological dimensions to sport. Various topics which will be included: behavior change in sport, motivation, personality factors and the elite athlete. Structure of the course also allows the student to investigate topics of individual interest.

KINE 403 - The Social Determinants of Health: Living and Dying in the USA

Spring (3) Scott
An exploration of the conditions in which individuals are born, live, work, and age as determinants of health outcomes. Such conditions as race, class, sexual orientation, income, zip code, and job security and autonomy will be considered. To be explored are such health domains as adverse birth outcomes; injuries and homicides; adolescent pregnancy; HIV-AIDS; addiction; heart disease; chronic lung disease; mental health, and age-related disability. Readings include newspaper and magazine accounts; medical journals; and such texts as U.S. Health in International Perspective: Shorter Lives, Poorer Health (National Research Council and Institute of Medicine, (on-line) and M. Marmot, The Status Syndrome (N.Y.: Holt, 2004).

KINE 404 - Global Health Issues

Spring (3) Scott.
This course will offer a cross cultural comparative analysis of the definitions of health and health care delivery, as well as an overview of specific chronic and acute health issues. The course will address global health broadly and focus on global health disparity. We will analyze disparity with a multidisciplinary perspective, evaluating the political, economic, and sociocultural aspects of health inequality. Special topics in this course will focus on health care and health issues of women.

KINE 405 - Maternal, Neonatal, and Child Health

Spring (3) Buchanan Prerequisite(s): KINE 270 or KINE 280 or KINE 290 or instructor permission
The course will explore medical and social aspects of maternal, neonatal, and child health, with an emphasis on health systems and the continuum of care for women and children. Basic knowledge of global public health or epidemiology is expected.

KINE 422 - Motor Control

Fall (3) Kohl Prerequisite(s): KINE 322.
Detailed study of issues associated with motor control. Drawing heavily from epistemology, neurology, cognitive science and motor behavior research the students will be expected to integrate and generalize such information to different clinical contexts.

KINE 442 - Exercise Physiology

Fall (4) Harris Prerequisite(s): KINE 304 or consent of instructor. *Corequisite(s):* KINE 442L. *(NQR)*
An in-depth study of the physiological aspects of exercise, fatigue, coordination, training and growth; functional tests with normal and abnormal subjects; investigations and independent readings. There is a fee associated with the laboratory.

KINE 450 - Cardiovascular Physiology

Fall (3) Looft-Wilson Prerequisite(s): KINE 304 or BIOL 225 or consent of instructor.
A concentrated study of the normal function of the heart and blood vessels, coordinated responses of the cardiovascular system, and general features of cardiovascular diseases. Class discussion involves a survey of the basic scientific literature in cardiovascular research.

KINE 455 - Physiology of Obesity

Fall (3) Looft-Wilson Prerequisite(s): KINE 304 or BIOL 225 or consent of instructor.
A seminar course examining the physiology of body weight regulation, mechanisms of diseases that are associated with obesity and inactivity, and the role of the fat cell and its secretions in the disease process.

KINE 460 - Topics in Kinesiology & Health Sciences

Fall and Spring (1-4) Staff
Topics not covered in regular offerings. Subjects, prerequisites and instructor will vary from year to year. Course may be repeated for credit if the topic varies.

KINE 470 - Independent Study in Kinesiology & Health Sciences

Fall, Summer (1-3) Staff Prerequisite(s): Consent of instructor.
An independent study program for the advanced student involving reading, research and the writing of a paper. Course may be repeated for credit if the topic varies.

KINE 471 - Independent Study in Kinesiology & Health Sciences

Spring, Summer (1-3) Staff Prerequisite(s): Consent of instructor.
An independent study program for the advanced student involving reading, research and the writing of a paper. Course may be repeated for credit if the topic varies.

KINE 480 - Kinesiology & Health Sciences Research

Fall (1-3) Staff Prerequisite(s): Consent of instructor.
A course for the advanced student affording an opportunity for independent laboratory or field research under the supervision of a faculty member. Course may be repeated for credit if the topic varies.

KINE 481 - Kinesiology & Health Sciences Research

Spring (1-3) Staff Prerequisite(s): Consent of instructor.
A course for the advanced student affording an opportunity for independent laboratory or field research under the supervision of a faculty member. Course may be repeated for credit if the topic varies.

KINE 485 - Cellular Basis of Neuromuscular Physiology

Fall (3) Deschenes Prerequisite(s): KINE 304, BIOL 220 or BIOL 225 or consent of instructor.
A detail study of the neuromuscular system and its exercise-induced adaptations at the cellular and biochemical levels. Topics include the development of the neuromuscular system, organization of motor units, characteristics of different muscle fiber types, substrate utilization and causes of fatigue.

KINE 493 - Philosophy in Kinesiology & Health Sciences

Fall, Spring (3) J. Charles (College 200, ALV, GER 7)
Philosophical principles in the context of human movement. Examination of the relationship of the mind and body and the distinctions between western and eastern attitudes towards the physical. Analysis of the ethics and the aesthetics of the kinesthetic dimension. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

KINE 494 - Environmental Human Physiology

Spring (3) Kambis Prerequisite(s): KINE 442 or consent of instructor.
Lectures and applied research will determine how heat, cold, high terrestrial altitude, hyperbaric conditions, and air pollution affect human performance.

KINE 495 - Honors

Fall, Spring (3) Staff
Students admitted to Honors study in kinesiology will enroll for both semesters of their senior year. Requirements include (a) supervised readings in the field of interest, (b)the preparation and presentation by April 15 of an Honors essay or an Honors thesis based on the students own research, and (c)satisfactory performance in an oral examination based on the Honors project and related background. Consult the chair for eligibility, admission and continuance requirements. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

KINE 496 - Honors

Fall, Spring (3) Staff
Students admitted to Honors study in kinesiology will enroll for both semesters of their senior year. Requirements include (a) supervised readings in the field of interest, (b)the preparation and presentation by April 15 of an Honors essay or an Honors thesis based on the students own research, and (c)satisfactory performance in an oral examination based on the Honors project and related background. Consult the chair for eligibility, admission and continuance requirements. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

KINE 498 - Internship

Fall, Spring and Summer (3) Deschenes, McCoy, Scott Prerequisite(s): Kinesiology & Health Sciences Major.
A structured learning experience designed to complement and expand on the student's academic course work. This course includes readings in related areas, portfolios, written reports and on-site supervision.

Linguistics [Back to Table of Contents]

Faculty

Professor

J. Martin, Director

Faculty

K. Bragdon, A. Charity-Hudley, L. Cochrane, K. Harrigan, A, Lunden, I. Osiapem, D. Parker, and **T. Taylor**

Linguistics Program

Linguistics is the study of language both as a faculty of mind and as a social institution. The linguistics major and minor at William & Mary are administered through the Roy R. Charles Center as interdisciplinary programs.

An interdisciplinary major in linguistics provides the student with comprehensive exposure to a range of topics concerning the structure, acquisition, and cultural use of language. Linguistics students learn how to use both the analytical methods that are proper to the formal study of language structures as well as a variety of investigative methods deriving from interdisciplinary perspectives on the function and significance of language in human affairs.

Programs

Linguistics, BA

Each major is normally expected to select courses in accordance with the following plan:

Required Credit Hours: 35

Major Computing Requirement:

(with a grade of C- or better)

- LING 440 - Linguistic Field Methods *(4)*

Major Writing Requirement:

(with a grade of C- or better)

- LING 440 - Linguistic Field Methods *(4)*

Core Requirements:

Courses are to be selected by the student in consultation with a faculty member.

Required Courses (23 Credits):

- LING 220 - Study of Language *(4)*
- LING 304 - Syntax *(3)*
- LING 307 - Phonetics and Phonology *(3)*
- LING 308 - Language and Culture *(3)*
- LING 418 - Language Patterns: Types and Universals *(3)*
- LING 440 - Linguistic Field Methods *(4)*

- LING 303 - History of the English Language *(3)* or
- LING 406 - Language and Society *(3)* or
- LING 410 - Language Attitudes *(4)* or
- LING 415 - Linguistic Anthropology *(3)*

  If taking more than one, other(s) may be counted as electives.

Elective Choices (12 credits):

- LING 100 - Critical Questions in Linguistics *(4)*
- LING 150 - First-Year Seminar *(4)*
- LING 250 - African-American English *(4)*
- LING 358 - First Language Acquisition *(3)*
- LING 370 - Psycholinguistics *(3)*
- LING 380 - Computational Methods in Language Science *(3)*
- LING 400 - Meaning and Understanding in Western Cultural Thought *(3)*
- LING 404 - Historical Linguistics *(3)*
- LING 407 - Advanced Phonetics and Phonology *(3)*
- LING 408 - Independent Research in Phonetics and Phonology *(1)*
- LING 420 - Caribbean Linguistics *(3)*
- LING 464 - Topics in Linguistics *(1-3)* – may be repeated when topics vary
- LING 474 - Research Seminar in Linguistics *(4)*
- LING 481 - Independent Study in Linguistics *(1-3)*
- LING 495 - Honors *(3)*
- LING 496 - Honors *(3)*
- INTR 480 - Independent Study *(1-4)*

The student may propose other courses, including study-abroad courses, to count towards the major. Such choices will be approved on a case-by-case basis, depending on the overall coherence of the student's proposed major program. Examples of such courses include but are not limited to the courses listed below.

- ARAB 304 - Introduction to Arabic Dialects *(3)*
- FREN 304 - French Phonetics and Diction *(3)*
- HISP 387 - Topics in Linguistic Research *(3)*
- MDLL 346 - Foreign Language Acquisition Processes: Theory and Practice *(3)*
- PHIL 335 - Philosophy of Language *(3)*
- One semester of a non-Indo-European language

Additional Information:

LING 495-496 is a two-semester sequence. Students seeking admission to Honors in Linguistics are required to prepare a thesis proposal in consultation with an adviser who is a member of the Linguistics faculty. The proposal, along with the adviser's recommendation, must be submitted to the Linguistics Program Honors Committee by May of the student's junior year. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Linguistics, Minor

Required Credit Hours: 19

Selected from:

- LING 220 - Study of Language *(4)*
- LING 250 - African-American English *(4)*
- LING 303 - History of the English Language *(3)*
- LING 304 - Syntax *(3)*
- LING 307 - Phonetics and Phonology *(3)*
- LING 308 - Language and Culture *(3)*
- LING 358 - First Language Acquisition *(3)*
- LING 370 - Psycholinguistics *(3)*
- LING 400 - Meaning and Understanding in Western Cultural Thought *(3)*
- LING 404 - Historical Linguistics *(3)*
- LING 440 - Linguistic Field Methods *(4)*
- LING 406 - Language and Society *(3)*
- LING 407 - Advanced Phonetics and Phonology *(3)*
- LING 408 - Independent Research in Phonetics and Phonology *(1)*
- LING 410 - Language Attitudes *(4)*
- LING 415 - Linguistic Anthropology *(3)*
- LING 418 - Language Patterns: Types and Universals *(3)*
- LING 420 - Caribbean Linguistics *(3)*
- LING 464 - Topics in Linguistics *(1-3)*

- LING 474 - Research Seminar in Linguistics *(4)*
- INTR 480 - Independent Study *(1-4)*

Course Descriptions

LING 100 - Critical Questions in Linguistics

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in linguistics for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

LING 150 - First-Year Seminar

Fall or Spring (4) Staff
An exploration of a specific topic in linguistics. Writing is emphasized. Normally only open to first-year students.

LING 220 - Study of Language

Fall and Spring (4) Staff (College 200, CSI, GER 3)
An introduction to linguistics, the scientific study of human language. Considers languages as structured systems of form and meaning, with attention also to the biological, psychological, cultural and social aspects of language and language use. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.) (Cross listed with ANTH 204 / ENGL 220)

LING 250 - African-American English

Fall or Spring (4) Charity Hudley (College 200, CSI, ACTV)
This course explores the sociolinguistics of English spoken by African-Americans in the United States. We examine the relationship of African-American English to linguistic theory, education praxis, and American culture. This course prepares students for community-based research. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross listed with AFST 250)

LING 303 - History of the English Language

Fall or Spring (3) Taylor, Osiapem
A study of the history of the English language from Old English to the present. Some attention is given to contemporary developments in "World English." (Cross-listed with ENGL 303.)

LING 304 - Syntax

Fall or Spring (3) Parker Prerequisite(s): LING 220 / ANTH 204. *(GER 3)*
This introduction to syntax investigates the structures and operations underlying sentence formation. The course focuses on one linguistic model, with attention given to linguistic theory, alternative models and issues in syntax and semantics.

LING 307 - Phonetics and Phonology

Fall or Spring (3) Lunden Prerequisite(s): LING 220 / ANTH 204. *(GER 3)*
A study of sound patterns and word-formation rules in English and other languages. Focus on analysis with some attention to theoretical issues.

LING 308 - Language and Culture

Fall and Spring (3) Cochrane Prerequisite(s): LING 220 / ANTH 204 or ANTH 202
This course addresses the interrelations between language and culture, surveying the research topics and methods which constitute linguistic anthropology and sociocultural linguistics today. (Cross-listed with ANTH 308)

LING 358 - First Language Acquisition

Fall (3) Harrigan Prerequisite(s): LING 220 or ANTH 204 or PSYC 202 or ENGL 220
Introduction to the study of how children acquire their first language. Topics include: the perception and production of speech; word learning; combining words into sentences; communicative competence; theories and methods of investigation. (Cross listed with PSYC 358)

LING 370 - Psycholinguistics

Spring (3) Harrigan Prerequisite(s): LING 220 or ANTH 204 or PSYC 201 or ENGL 220
Introduction to the interdisciplinary study of how humans acquire, produce and comprehend language. Topics include sentence processing and representation; speech perception, word retrieval, theories and methods of investigation. (Cross listed with PSYC 370)

LING 380 - Computational Methods in Language Science

Spring (3) Parker Prerequisite(s): ANTH 204 or LING 220
Interdisciplinary introduction to the use of computers in studying natural language. Topics include: representing and processing language on a computer, searching text, classifying documents, dialog systems, machine translation, and speech recognition systems.

LING 400 - Meaning and Understanding in Western Cultural Thought

Fall or Spring (3) Taylor (GER 4A)
A critical approach to the history of Western thinking about meaning, understanding, language and mind: tracing the integration of these topics into Western cultural and intellectual traditions, from Classical Greece and Rome up to modern developments in 20th-century European and American thought.

LING 404 - Historical Linguistics

Fall or Spring (3) Lunden, Martin Prerequisite(s): LING 220 / ANTH 204 and ENGL 307. *(GER 3)*
A study of the kinds of change which languages may undergo. Covers the nature and motivation of linguistic evolution, and the methods by which unattested early stages of known languages may be reconstructed. (Cross listed with ANTH 411)

LING 406 - Language and Society

Fall or Spring (3) Osiapem Prerequisite(s): LING 220 / ANTH 204 and either LING 303 or LING/ANTH 415, or consent of instructor. *(GER 3)*
A study of the place of language in society and of how our understanding of social structure, conflict and change affect our understanding of the nature of language. (Cross listed with ANTH 413)

LING 407 - Advanced Phonetics and Phonology

Fall or Spring (3) Lunden Prerequisite(s): LING 307
A close examination of the connection between phonetics and phonology. Students will learn how to set up simple phonetic experiments and become familiar with new phonological domains.

LING 408 - Independent Research in Phonetics and Phonology

Spring (1) Lunden Prerequisite(s): LING 307 *Corequisite(s):* LING 407
Development of a research project in phonetics and phonology in conjunction with LING 407.

LING 410 - Language Attitudes

Spring (4) Charity Hudley Prerequisite(s): LING 220 / ANTH 204 and LING 303 or LING 406.
This seminar will examine the social, economic, and educational ramifications of language attitudes including: the linguistic intersection of race, gender, and social class; comparisons of standardized and Standard English; and the role of linguistics in the formation of language policy.

LING 415 - Linguistic Anthropology

Fall or Spring (3) Taylor, Bragdon Prerequisite(s): (LING 220 or ENGL 220 or ANTH 204) and (LING 308 or ANTH 308 or ENGL 308). *(CSI, GER 3)*
This course will introduce students to the history and theories of linguistic anthropology with emphasis on North American languages. Students will approach these subjects through readings, class discussions and problem sets. (Cross listed with ANTH 415)

LING 418 - Language Patterns: Types and Universals

Fall (3) Martin Prerequisite(s): LING 220 / ANTH 204. *(CSI)*
A survey of common patterns and constructions in language ranging from word order to case, agreement, voice, aspect, relative clauses, interrogation and negation. Major themes include the unity and diversity of language and the techniques used to measure it. (Cross listed with ANTH 418)

LING 420 - Caribbean Linguistics

Fall or Spring (3) Osiapem Prerequisite(s): LING 220 and one of LING 406 or LING 308 or LING 415
This course introduces students to the history, structure, and sociocultural aspects of Anglophone languages of the expanded Caribbean. Topics include: current views on the formation of pidgin and creole languages, definitive characteristics of these languages, and the relationships among them.

LING 440 - Linguistic Field Methods

Fall and Spring (4) Staff Prerequisite(s): LING 304, LING 307 and LING/ANTH 418, or consent of instructor. *(CSI, GER 3)*
In this advanced linguistics course, students work closely with a speaker of another language to discover the structure of that language and to describe different aspects of its grammar: phonetics, phonology, morphology, and syntax. (Cross listed with ANTH 440.)

LING 464 - Topics in Linguistics

Fall and Spring (1-3) Staff Prerequisite(s): LING 220 / ANTH 204 or consent of instructor.
Investigation of a major sub-field of linguistics. If there is no duplication of topic, may be repeated for credit.

LING 474 - Research Seminar in Linguistics

Spring (4) Staff Prerequisite(s): LING 220 / ANTH 204 or consent of the instructor.
Study in depth and independent research/writing about a topic in linguistics. Students who are not linguistics majors may enroll with instructor's permission. May be repeated for credit with different topic.

LING 481 - Independent Study in Linguistics

Fall and Spring (1-3) Staff
A tutorial course on a topic agreed upon by the student and instructor and approved in advance by the Linguistics Program Committee

LING 482 - Independent Community-based Study in Linguistics

Fall, Spring, or Summer (3) (College 300)
A tutorial designed for students wishing to pursue independent community-based research under the supervision of an instructor. Prior to registration, the student must submit a course proposal to the instructor and the Program Director. A successful proposal will describe a coherent program of study built around a research trip of at least a week. That research trip must result in a person-to-person, cross-cultural experience, and should therefore include a self-reflective assignment.

LING 495 - Honors

Fall (3) Staff.
Students seeking admission to Honors in Linguistics are required to prepare a thesis proposal in consultation with an adviser who is a member of the Linguistics faculty. The proposal, along with the adviser's recommendation, must be submitted to the Linguistics Program Honors Committee by May of the student's junior year. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

LING 496 - Honors

Spring (3) Staff.
Students seeking admission to Honors in Linguistics are required to prepare a thesis proposal in consultation with an adviser who is a member of the Linguistics faculty. The proposal, along with the adviser's recommendation, must be submitted to the Linguistics Program Honors Committee by May of the student's junior year. For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Marine Science [Back to Table of Contents]

Faculty

Marine Science Minor Advisory Committee

Canuel (co-director, Physical Sciences, School of Marine Science), **Macdonald** (co-director, Geology, Arts and Sciences), **J. Allen** (Biology, Arts and Sciences), **Chambers** (Environmental Science & Policy, Biology, Arts and Sciences), **Harris** (Chair of SMS Academic Council, Physical Sciences, SMS), **Lockwood** (Geology, Arts and Sciences), **Luckenbach** (Associate Dean of Research and Advisory Services, SMS), **Steinberg** (interim co-director, Biological Sciences, SMS).

Marine Science Program

The undergraduate minor in Marine Science introduces students to the global importance of marine ecosystems and their significance to society as a source of food and energy and in regulating climate. Students will learn about the different components of the ocean including its sea floor, chemical constituents, physical dynamics, and organisms - through discipline-specific and interdisciplinary courses. The minor is jointly offered and administered by the School of Marine Science (SMS)/Virginia Institute of Marine Sciences (VIMS) and Arts & Sciences. As one of the leading marine research and education institutions in the United States, SMS/VIMS has a critical role and responsibility to provide high-quality information and educational resources concerning the marine environment to all segments of society in the Commonwealth of Virginia and the U.S. The undergraduate minor in marine science addresses the growing national demand for undergraduate education in the earth and environmental sciences in general, and in the marine sciences specifically.

Students pursuing a minor in Marine Science are required to take 18 credits of coursework. Two introductory courses (6 credits total) are required: MSCI 330 and MSCI 331. The remaining credits are divided between electives and upper level courses in the sub-disciplines of marine sciences. An alternative field-based marine science course can be substituted for this field studies course with permission from the Program Co-Directors (e.g., MSCI 332 Coastal Marine Habitats in North Wales (2 cr) or MSCI 333/334 Coastal Environments in South Central Alaska: Copper River and Prince William Sound (3 cr)). We recommend that marine science minors take the Field Studies course during the summer following their freshman or sophomore year and before taking any of the Fundamentals of Marine Science courses. A menu of elective courses provides opportunities for students to explore their specific interests in marine science, and the fundamentals courses provide an in-depth study of three of the biological and physical subdisciplines of marine sciences. Students pursuing the minor in Marine Science are encouraged to take some electives courses before enrolling in the fundamentals courses.

Declaration Process: To be eligible for a minor in Marine Science, students must have completed, or currently be taking, the required introductory course, MSCI 330. To declare, students must meet with one of the co-directors of the Marine Science Minor Program and submit a declaration form to the Registrar's office.

Program

Marine Science, Minor

Required Credit Hours: 18

Core Requirements:

Distributed as follows:

Two Required Courses (Six Credits):

Group 1:

- MSCI 330 - Introduction to Marine Science *(3)* or
- BIOL 230 - Introduction to Marine Science *(3)* or
- GEOL 330 - Introduction to Marine Science *(3)*

Group 2:

- MSCI 331 - Field Studies in Coastal Marine Environments *(3)* or

  * MSCI 332 Coastal Marine Habitats in North Wales (2 cr) and MSCI 333/334 Coastal Environments in South Central Alaska: Copper River and Prince William Sound may be used to fulfill the Field Course requirement. Other field courses of appropriate length and scope may be used to fulfill the field course requirement with permission from the Program Co-Directors.

- ENSP 440 - Special Topics in Environmental Science and Policy. *(1-4)* or
- BIOL 404 or GEOL 407 - when these courses are cross-listed with MSCI 331

Elective Courses (Six Credits):

Existing courses that can be used to meet this requirement are listed below. Additional courses may be used to satisfy this requirement with approval from the Marine Science Minor Advisory Committee.

- MSCI 332 - Coastal Marine Habitats in North Wales *(3)* (unless used to satisfy the field course requirement)

- MSCI 333 - Coastal Environments in South Central Alaska: An Introduction *(1)* and
- MSCI 334 - Coastal Environments in South Central Alaska: Field Course *(2)* (unless used to satisfy the field course requirement)
- MSCI 391 - Marine Science Mash-up *(1)*
- MSCI 398 - Marine Science Seminar *(1-3)* – Topics vary from year to year. Seminars can be repeated for credit if the topic is different.

- Additional MSCI 401 Fundamentals of Marine Science courses (listed below) not used to satisfy the Fundamentals requirement for the Marine Science Minor may be counted as an elective.
- MSCI 401A - Fundamentals of Marine Science, Physical Oceanography *(2)*
- MSCI 401B - Fundamentals of Marine Science, Chemical Oceanography *(2)*
- MSCI 401C - Fundamentals of Marine Geology *(2)*
- MSCI 401D - Fundamentals of Marine Science, Biological Oceanography *(2)*
- MSCI 401E - Fundamentals of Environmental Chemistry, Toxicology, and Pathobiology *(2)*
- MSCI 401F - Fundamentals of Marine Fisheries Science *(3)*
- MSCI 401R - Fundamentals of Marine Science Recitation *(1)*

- MSCI 404 - Microbial Processes in a Changing Coastal Environment *(2)*
- BIOL 404 - Fundamentals of Exotoxicology *(3)*
- BIOL 404 - Ichthyology *(3)*
- BIOL 427 - Wetland Ecosystems *(4)*
- BIOL 457 - Invertebrate Biology *(4)*
- BIOL 460 - Marine Ecology *(3)*
- ENSP 440 - Estuaries *(3)*
- ENSP 440 - Sustainable Commerce in the Sea or BUAD 492 *(3)*
- GEOL 423 - Paleontology *(3)* or BIOL 317
- MSCI 460 - Oceans and Climate. *(2)*
- MSCI 464 - Marine Conservation Biology *(2)*
- MSCI 498 - Advanced Marine Invertebrate Zoology *(3)*

Fundamentals of Marine Science Courses (Six Credits):

Select two 400-level courses from the six courses listed below and the appropriate recitation section (six credits) (2 courses + corresponding recitation sections = 3 credits each). Students must select one course from the Biological topics (MSCI 401 D, E or F) and one course from the Physical Sciences topics (MSCI 401 A, B or C). There is no recitation section requirement for MSCI 401F.

- MSCI 401A - Fundamentals of Marine Science, Physical Oceanography *(2)*
- MSCI 401B - Fundamentals of Marine Science, Chemical Oceanography *(2)*
- MSCI 401C - Fundamentals of Marine Geology *(2)*
- MSCI 401D - Fundamentals of Marine Science, Biological Oceanography *(2)*

- MSCI 401E - Fundamentals of Environmental Chemistry, Toxicology, and Pathobiology *(2)*
- MSCI 401F - Fundamentals of Marine Fisheries Science *(3)*

- MSCI 401R - Fundamentals of Marine Science Recitation *(1)* (The recitation section (MSCI 401R) must be taken as a co-requisite with each of the MSCI 401A-E courses.)

Course Descriptions

MSCI 330 - Introduction to Marine Science

Spring (3) Gong, Shields. Prerequisite(s): BIOL 220, CHEM 103, GEOL 101, GEOL 110, PHYS 101, or PHYS 107 (for MSCI 330); GEOL 101 or GEOL 110 (for GEOL 330), OR BIOL 220 (for BIOL 230) *(NQR)*
This course provides an overview of physical, chemical, biological, and geological processes operating in the world ocean. The interdisciplinary nature of marine science is emphasized, providing an integrated view of factors that control ocean history, circulation, chemistry, and biological productivity. (Cross listed with GEOL 330 and BIOL 230).

MSCI 331 - Field Studies in Coastal Marine Environments

Summer (3) Snyder, Brush, Luckenbach, Perry, and Smith, W. Prerequisite(s): MSCI 330 or GEOL 330 or BIOL 230 - Course will be offered at VIMS Eastern Shore Laboratory.
This course focuses on fundamental processes in marine science through the examination of the near shore, barrier island, coastal lagoon, and salt marsh environments along Virginia's outer coast. Through a series of field trips, lectures, laboratory exercises and independent projects, students will examine the fauna and flora of the region and learn how natural and anthropogenic factors shape these coastal ecosystems. Housing is provided in dormitories at the VIMS Eastern Shore Laboratory. Meals are included. Lab fee required.

MSCI 332 - Coastal Marine Habitats in North Wales

Summer (3) Luckenbach, Perry Prerequisite(s): Permission of instructor
This is an intensive 16-day, field-based course conducted in north Wales, U.K. in association with the School of Ocean Sciences, Bangor University The course emphasizes field-based instruction and student-led data collection in coastal marine environments in northern Wales, the Isle of Anglesey, and the eastern Irish Sea. Topics include the ecology of rocky shores, biological and physical processes affecting species distribution and ecology in high energy macrotidal coastal environments, paleoceanography, and geological history of the region. Lab fee required.

MSCI 333 - Coastal Environments in South Central Alaska: An Introduction

Spring (1) Kuehl Prerequisite(s): MSCI 330 or GEOL 330 or BIOL 230
Required introductory class to a summer field experience in south-central Alaska (MSCI 334) that will explore the regional geology, glaciology, river hydrology, and coastal oceanography, all of which conspire to create one of the richest coastal ecosystems on the planet.

MSCI 334 - Coastal Environments in South Central Alaska: Field Course

Summer (2) Kuehl Prerequisite(s): MSCI 333
A field experience in south-central Alaska that will explore the regional geology, glaciology, river hydrology, and coastal oceanography, all of which conspire to create one of the richest coastal ecosystems on the planet.

MSCI 335 - Coastal Environments of China

Summer, even years (3) Kuehl Prerequisite(s): MSCI 330 or GEOL 330 or BIOL 230 *(College 300)*
This course highlights a 3-4 week field experience to explore the watershed and coastal environments surrounding the Yangtze River and southeast coast of China. Using a holistic "source-to-sink" approach, students will travel from the drainage basin of the Yangtze River toward its mouth and along the southeastern coast influenced by the river. Along the route, we will examine the regional geology, river hydrology, and coastal marine science. The course will highlight human modifications to the system (i.e., Three Gorges Dam, levees, coastal protection, dredging, and aquiculture) and their impacts on coastal erosion, pollution and sustainable fisheries. The course will be hosted by Xiamen University and run in parallel with their undergraduate Marine Science field course. Two weeks of the course will be spent either in Dongshan or Zhoushan Island (marine field stations), where W&M students will pair with Chinese peers for an interdisciplinary field and laboratory based study of the local coastal and estuarine environments. This structure will afford broad exposure to the disciplines of marine science with the help of local experts, and will also provide a rich cultural experience through immersion and peer activities. Lab fee required.

MSCI 391 - Marine Science Mash-up

Fall (1) Canuel
Marine scientists conduct research in areas such as biological oceanography, earth science, fisheries science, and the physical sciences (e.g., physical and chemical oceanography). Scientists in this discipline are also engaged in collaborative research that crosses over these fields of study and connects to fields outside the natural sciences such as the social sciences, government and law, economics, and communication. This 1-credit course introduces students to the interdisciplinary field of marine science through presentations by faculty conducting marine science research at the Virginia Institute of Marine Science, College of William & Mary, and neighboring institutions. By meeting these people and completing course assignments students will learn about how marine scientists study these topics, the availability of opportunities for student research, and the potential benefits of pursuing Marine Sciences as a career.

MSCI 398 - Marine Science Seminar

Fall and Spring (1-3) Staff
Seminar in interdisciplinary topics in Marine Science. The course topic, prerequisites, and instructors will vary from year to year. This course may be repeated for credit for different topics. Depending on the topic, a specific section may be cross listed with GEOL 407 (Special Topics in Geology) and/or ENSP 249 (Environmental Challenges: Topics).

MSCI 401A - Fundamentals of Marine Science, Physical Oceanography

Spring (2) Gong Prerequisite(s): MSCI 330 or BIOL 230 or GEOL 330, and MATH 111 or permission of instructor
This course provides an introduction to the various types and scales of motion in the ocean, the global heat budget, major water masses, and processes controlling distributions of temperature and salinity. Discussions on phenomena associated with water motion will include global circulation, wind-driven circulation in ocean basins, tides, coastal upwelling, storm surge, waves, turbulence, and circulation in estuaries. Underlying dynamics governing water motion will be presented, elucidating the role of the rotation of the earth. The El Nino/La Nina oscillation will be examined as a key example of large-scale ocean-atmosphere interactions. MSCI 401A requires co-registration with the relevant MSCI 401R.

MSCI 401B - Fundamentals of Marine Science, Chemical Oceanography

Fall (2) Smith, J., Shadwick Prerequisite(s): MSCI 330 or BIOL 230 or GEOL 330, and CHEM 103 or permission of instructor
This course presents an overview of the chemistry of estuaries and the ocean including chemical processes that occur in marine sediments and at the air/sea interface. Discussion topics will include the chemical properties of seawater, chemical equilibrium and kinetics, the seawater carbonate system and ocean acidification, the global and oceanic carbon and nitrogen cycles, ion speciation, trace metals, and nutrients, sediment diagenesis, and fundamentals of radioisotope and stable isotope biogeochemistry. Interdisciplinary applications are emphasized. MSCI 401B requires co-registration with the relevant MSCI 401R.

MSCI 401C - Fundamentals of Marine Geology

Fall (2) Hein Prerequisite(s): MSCI 330 or BIOL 230 or GEOL 330
This course provides an introduction to the major topics of marine geology without expecting the student to have a background in geology. The course addresses the age and internal structure of the earth, the processes of plate tectonics including the formation of oceanic crust, seamounts, hydrothermal vents, the characteristics and classification of sediments and the distribution of sediments in the deep sea. Also addressed is the interrelationships among and importance of paleoceanography, climate change, and sea-level change, and the processes and characteristics of various marine, estuarine, and coastal sedimentary environments. The course includes discussion of various types of field equipment and logistics and of some economic and societal implications. MSCI 401C requires co-registration with the relevant MSCI 401R.

MSCI 401D - Fundamentals of Marine Science, Biological Oceanography

Fall (2) Steinberg Prerequisite(s): MSCI 330 or BIOL 230 or GEOL 330, and BIOL 220 or permission of instructor
This course examines the biology and ecology of marine organisms and how they interact with their environment. Topics include the organisms and their behavior, distribution, and underlying physiology; effects of biology on elemental and nutrient cycles and visa versa; and ecosystem structure and ecological interactions. An interdisciplinary approach will be taken, as biology both depends on and influences ocean chemistry, physics, geology, and climate. The course will emphasize open ocean, pelagic systems, but will include many examples from coastal and estuarine systems, as well as shallow and deep-sea benthic systems. MSCI 401D requires co-registration with the relevant MSCI 401R.

MSCI 401E - Fundamentals of Environmental Chemistry, Toxicology, and Pathobiology

Fall (2) Unger, Vogelbein Prerequisite(s): MSCI 330 or BIOL 230 or GEOL 330, and BIOL 220 and BIOL 225, and CHEM 103
This course emphasizes ongoing and emerging environmental concerns in the Chesapeake Bay and world ocean. Lectures will address basic concepts and mechanism of contaminant chemistry and toxicology, infectious and noninfectious diseases in aquatic

organisms. Case histories will be used to illustrate sources, fate and effects of anthropogenic chemical contaminants, and the important role of environmental change on disease in marine and estuarine ecosystems. MSCI 401E requires co-registration with the relevant MSCI 401R.

MSCI 401F - Fundamentals of Marine Fisheries Science

Spring, even years (3) Graves Prerequisite(s): MSCI 330 or BIOL 230 or GEOL 330, and BIOL 220
This lecture course will introduce the principles and techniques of fishery science. Lecture topics will include the theory and impacts of fishing, description and status of international, North American and regional fisheries, fisheries oceanography, recruitment processes, single-species and ecosystem-based approaches fisheries management, and the goals and problems of sustaining an open-access common pool resource.

MSCI 401R - Fundamentals of Marine Science Recitation

Fall or Spring (1) Staff Corequisite(s): MSCI 401A or MSCI 401B or MSCI 401C or MSCI 401D or MSCI 401E
MSCI 401R can be repeated once, and the title will change depending on whether the recitation section is biological or physical. The Biological topic reinforces and augments lecture material presented in MSCI 401D and E through discussion, problem sets, and review in advance of tests and quizzes. It is required for all students enrolled in MSCI 401 D or E. The Physical Science topic reinforces and augments lecture material presented in MSCI 401A, B and C through discussion, problem sets, and review in advance of tests and quizzes. It is required for all students enrolled in MSCI 401 A, B or C. MSCI 401R may be taken twice to fulfill the Fundamentals of Marine Sciences requirement, once with each topic.

MSCI 404 - Microbial Processes in a Changing Coastal Environment

Fall (2) Anderson, Reece Prerequisite(s): BIOL 230 or (BIOL 220 and BIOL 225) or (BIOL 220 and MSCI 330)
The course will address current topics and societal concerns in coastal and estuarine systems including microbial responses to eutrophication, harmful algal blooms, nutrient enrichment, and roles of bivalve-dominated systems, marshes, seagrasses, groundwater, and photic sediments on microbial nutrient cycling.

MSCI 460 - Oceans and Climate.

Fall (2) Smith, W. Prerequisite(s): MSCI 330 or BIOL 230 (formerly 330), or GEOL 330.
This course will examine how physical, geological, chemical and biological processes in the oceans together affect the planet's climate in different time and spatial scales. Abrupt climate change caused by recent human activities will also be discussed.

MSCI 464 - Marine Conservation Biology

Spring, odd years (2) Lipcius Prerequisite(s): MSCI 330 or GEOL 330 or BIOL 230 or BIOL 318
Application of multidisciplinary scientific principles to the protection, enhancement and restoration of marine biodiversity (genetic-ecosystem) threatened by habitat degradation, overexploitation, invasive species, and global change. Practical application through case studies and seminars by outside experts in marine conservation.

MSCI 490 - Research in Marine Science

Fall, Spring, or Summer (1-3) Staff
This course is designed to permit students (particularly marine science minors) to engage in independent research. Students will work closely with a faculty member as an advisor. Each student will be expected to conduct research and prepare a research paper appropriate for the number of credits. This course may be repeated for credit.

MSCI 497 - Problems in Marine Science

Fall, Spring, or Summer (1-4) Staff
This is the avenue through which supervised projects are selected to suit the need of the upper level undergraduate student. Projects are chosen in consultation with the student's supervising professor and the instructor. Credit hours depend upon the difficulty of the project and must be arranged with the instructor in advance of registration.

MSCI 498 - Special Topics in Marine Science

Fall, Spring, or Summer (1-3) Staff
This is the avenue through which subjects not covered in other formal courses are offered. These courses are offered on an occasional basis as demand warrants. Seminars can be repeated for credit if the topic is different. Seminars can be repeated for credit if the topic is different.

Mathematics [Back to Table of Contents]

Faculty

Professors

Bolotnikov, C. Johnson (Class of 1961 Professor of Mathematics), **Kincaid, Leemis** (University Professor for Teaching Excellence), **Li** (Ferguson Professor), **Shi,** and **Zobin**

Associate Professors

Day, Iaci, Rublein (Chair)**, Shaw, Vinroot** and **Yu**

Assistant Professors

Kim, Ninh, Patel, Swartz, Trefethen, Wang, and **van Zuijlen**

Instructors

Delbos, Sasinowska and **Zapf**

Visiting Assistant Professors

Humber, and **Vasiliu**

Lecturers

Avioli, Chung, DeCamp, Gates, A.Johnson, Lutzer and **Price.**

Description of Courses

Note: A student cannot receive credit for any mathematics course that is a prerequisite for another mathematics course for which the student has already received credit. The department chair may authorize individual exceptions to this rule.

Graduate Program

See the Computational Operations Research Concentration description in the Computer Science Department section of the graduate catalog and the Applied Mathematics program in the Applied Science Department.

Programs

Mathematics, Applied Mathematics Concentration, BS

Requirements for Major

The study of mathematics is motivated by its wide applicability and its intrinsic beauty. Mathematical theories often grow out of problems that appear in the physical and biological sciences, engineering, economics, finance and the social sciences. Applications often draw on mathematics that was created for completely different purposes. The mathematics program at William and Mary allows students to design a major based on their own interests and career goals and prepares students for post-baccalaureate employment and for further study of mathematical sciences and related disciplines. There are three concentrations within the major – the Standard Concentration, the Applied Mathematics Concentration and the Pre-College Mathematics Teaching Concentration. Study options include applied and pure mathematics, operations research, statistics, and teaching at the elementary or secondary level. Students can also design elective programs needed for careers in actuarial science and industrial mathematics, for interdisciplinary work in fields such as economics, business and social sciences, or for graduate studies.

Information about the mathematics major, career choices and appropriate courses of study is available from the department's academic advisors and the Office of Career Services as well as informally from the mathematics faculty.

Major Writing Requirement:

A student in any Mathematics major concentration satisfies the upper-division mathematics writing requirement in one of the following ways:

1. Completion of Math 300 with a grade of C- or better, which requires the writing of an expository paper on some mathematical topic
2. Completion of MATH 495-MATH 496 with a grade of C- or better, which requires the writing of an Honors thesis;

For either of these options, the student registers for the course in a section corresponding to the faculty member who has agreed to supervise the student. For students In the Pre-College Mathematics Teaching Concentration, the writing requirement must incorporate some element of the history of mathematics.

Computer Proficiency Requirements:

A student in any Mathematics major concentration must show proficiency in some high-level computer programming language at the level of CSCI 141. This is normally done by receiving a grade of at least C- in CSCI 141. Exceptions require the department chair's permission.

In addition, students in the Applied Concentration must demonstrate proficiency at the level of CSCI 241. This is normally done by taking and passing this course.

Enriching the Mathematics Major:

The requirements described below are the minimal requirements for the mathematics major, and most mathematics majors take courses beyond that minimum. Students wishing to obtain a deeper understanding of mathematics (e.g., in preparation for graduate school) should take additional upper-division courses. Second courses to make year-long sequences in linear algebra, analysis, abstract algebra, numerical analysis, statistics, or operations research are particularly recommended.

The Applied Mathematics Concentration

This concentration is designed for students who want to pursue applications of mathematics or a double major in mathematics and another discipline. The major requirements of the Applied Mathematics Concentration are:

A Core Consisting Of:

- MATH 111 - Calculus I *(4)* or
- MATH 131 - Calculus I for Life Sciences *(4)*

- MATH 112 - Calculus II *(4)* or
- MATH 132 - Calculus II for Life Sciences *(4)*

- MATH 211 - Linear Algebra *(3,3)*

- MATH 212 - Introduction to Multivariable Calculus *(3,3)* or
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

- MATH 214 - Foundations of Mathematics *(3,3)*

Additional Requirements:

- Completing the major writing requirement and computer proficiency requirement as described above.
- MATH 307 - Abstract Algebra *(3)* or
- MATH 311 - Elementary Analysis *(3)*

- MATH 495 - Honors *(3)*
- MATH 496 - Honors *(3)*
- Plus at least five distinct three-credit courses at the 300-400 level chosen from the four applied areas listed below and meeting both the breadth and depth requirement (for a total of at least eight upper-division courses).

  or

- (Excluding Math 495-6), at least six distinct three-credit courses at the 300-400 level with at least five being chosen from the four applied areas listed below and meeting the breadth and depth requirement (for a total of at least seven upper-division courses).

Breadth Requirement:

Three distinct courses, one from three of the four applied areas listed below;

Depth Requirement:

Three courses within one of the four areas below. One of these courses may be one of the courses satisfying the breadth requirement.

The four applied areas within the applied concentration, and their associated courses, are:

Computational Mathematics:

The courses listed below, and, with permission of the Mathematics department chair and the instructor, any other courses in the Computational Operations Research program, taken as independent study courses. In addition, CSCI 303 may be counted for the purpose of satisfying the depth requirement in computational mathematics.

- MATH 408 - Advanced Linear Algebra *(3)*
- MATH 413 - Introduction to Numerical Analysis I *(3)*
- MATH 414 - Introduction to Numerical Analysis II *(3)*
- CSCI 426 - Simulation *(3)*

Operations Research:

The courses below, and (with permission of the Mathematics department chair and the instructor) any other courses in the Computational Operations Research program, taken as independent study courses. In addition, if a student elects to fulfill the depth requirement in Operations Research, then (and only then) MATH 451 may be counted toward Operations Research rather than toward Probability and Statistics;

- MATH 323 - Operations Research: Deterministic Models *(3)*
- MATH 424 - Operations Research: Stochastic Models *(3)*

Probability and Statistics:

The courses below, and (with permission of the Mathematics department chair and the instructor) CSCI 616 and CSCI 680 taken as independent study courses;

- MATH 351 - Probability and Statistics for Scientists *(3)*
- MATH 352 - Statistical Data Analysis *(3)*
- MATH 451 - Probability *(3)*
- MATH 452 - Mathematical Statistics *(3)*
- MATH 459 - Topics in Statistics *(1-3)*
- ECON 408 - Time-Series Econometrics *(3)*

Scientific Applications:

The courses below, and (with permission of the Mathematics department chair and the instructor) CSCI 616 and CSCI 680 taken as independent study courses.

- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 345 - Introduction to Mathematical Biology *(3)*
- MATH 405 - Complex Analysis *(3)*
- MATH 408 - Advanced Linear Algebra *(3)*

- MATH 417 - Vector Calculus for Scientists *(3)*
- MATH 441 - Ordinary Differential Equations II *(3)*
- MATH 442 - Partial Differential Equations *(3)*
- PHYS 301 - Introduction to Mathematical Physics *(3)*

Additional Information:

The department chair may allow appropriate three-credit sections of MATH 380 and MATH 410 to count toward applied areas in this concentration.

Note that in the computing requirement discussed above, students must show proficiency at the level of CSCI 241. Students who are considering graduate school in mathematics are strongly advised to take both MATH 307 and MATH 311.

Advanced Standing

Entering students may receive credit for mathematics courses through AP or IB and transfer credit. In each of the mathematics major concentrations, well-prepared students may begin their studies beyond MATH 111 without receiving credit for earlier courses listed in the core requirements section of each concentration. Each skipped course for which the student does not receive credit must be replaced by an additional three-credit 300-400 level mathematics course.

Mathematics, Minor

Requirements:

A minor in mathematics requires six Mathematics courses, each of at least three credits, distributed as follows: All of the courses must be numbered above 110, and two of the courses must be numbered above 300. Math 150 may not be counted toward a minor. A well-prepared student may elect to skip MATH 111 or MATH 131, or MATH 111-MATH 112, or MATH 131-MATH 132. No skipped course can count toward the requirement unless Advanced Placement credit, International Baccalaureate credit, or credit by examination has been received for that course.

Mathematics, Pre-College Mathematics Teaching Concentration, BS

Requirements for Major

The study of mathematics is motivated by its wide applicability and its intrinsic beauty. Mathematical theories often grow out of problems that appear in the physical and biological sciences, engineering, economics, finance and the social sciences. Applications often draw on mathematics that was created for completely different purposes. The mathematics program at William and Mary allows students to design a major based on their own interests and career goals and prepares students for post-baccalaureate employment and for further study of mathematical sciences and related disciplines. There are three concentrations within the major – the Standard Concentration, the Applied Mathematics Concentration and the Pre-College Mathematics Teaching Concentration. Study options include applied and pure mathematics, operations research, statistics, and teaching at the elementary or secondary level. Students can also design elective programs needed for careers in actuarial science and industrial mathematics, for interdisciplinary work in fields such as economics, business and social sciences, or for graduate studies.

Information about the mathematics major, career choices and appropriate courses of study is available from the department's academic advisors and the Office of Career Services as well as informally from the mathematics faculty.

Major Writing Requirement:

A student in any Mathematics major concentration satisfies the upper-division mathematics writing requirement in one of the following ways:

1. Completion of Math 300 with a grade of C- or better, which requires the writing of an expository paper on some mathematical topic
2. Completion of MATH 495-MATH 496 with a grade of C- or better, which requires the writing of an Honors thesis;

For either of these options, the student registers for the course in a section corresponding to the faculty member who has agreed to supervise the student. For students In the Pre-College Mathematics Teaching Concentration, the writing requirement must incorporate some element of the history of mathematics.

Computer Proficiency Requirements:

A student in any Mathematics major concentration must show proficiency in some high-level computer programming language at the level of CSCI 141. This is normally done by receiving a grade of at least C- in CSCI 141. Exceptions require the department chair's permission.

In addition, students in the Applied Concentration must demonstrate proficiency at the level of CSCI 241. This is normally done by taking and passing this course.

Enriching the Mathematics Major:

The requirements described below are the minimal requirements for the mathematics major, and most mathematics majors take courses beyond that minimum. Students wishing to obtain a deeper understanding of mathematics (e.g., in preparation for graduate school) should take additional upper-division courses. Second courses to make year-long sequences in linear algebra, analysis, abstract algebra, numerical analysis, statistics, or operations research are particularly recommended.

The Pre-College Mathematics Teaching Concentration

This concentration is designed for students seeking certification as pre-college mathematics teachers. The major requirements of this concentration are:

A Core Consisting Of:

- MATH 111 - Calculus I *(4)* or
- MATH 131 - Calculus I for Life Sciences *(4)*

- MATH 112 - Calculus II *(4)* or
- MATH 132 - Calculus II for Life Sciences *(4)*

- MATH 211 - Linear Algebra *(3,3)*

- MATH 212 - Introduction to Multivariable Calculus *(3,3)* or
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

- MATH 214 - Foundations of Mathematics *(3,3)*

Major Writing/Computer Proficiency Requirement:

- Completion of the major writing requirement and computer proficiency requirement as described above.

Additional Requirements:

- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 307 - Abstract Algebra *(3)*
- MATH 323 - Operations Research: Deterministic Models *(3)*
- MATH 351 - Probability and Statistics for Scientists *(3)*
- MATH 412 - Introduction to Number Theory *(3)*
- MATH 416 - Topics in Geometry *(3)*
- At least one additional three-credit upper-division mathematics course

- EDUC 301 - Educational Psychology *(3)* or

- EDUC 310 - Social and Philosophical Foundations of American Education *(2)*

Additional Information:

The department chair may authorize variations in the requirements for this concentration for individual students. In particular, Math 401-452 may replace MATH 351. Note that in the major writing requirement discussed above, some element of the history of mathematics must be incorporated.

Advanced Standing

Entering students may receive credit for mathematics courses through AP or IB and transfer credit. In each of the mathematics major concentrations, well-prepared students may begin their studies beyond MATH 111 without receiving credit for earlier courses listed in the core requirements section of each concentration. Each skipped course for which the student does not receive credit must be replaced by an additional three-credit 300-400 level mathematics course.

Mathematics, Standard Mathematics Concentration, BS

Requirements for Major

The study of mathematics is motivated by its wide applicability and its intrinsic beauty. Mathematical theories often grow out of problems that appear in the physical and biological sciences, engineering, economics, finance and the social sciences. Applications often draw on mathematics that was created for completely different purposes. The mathematics program at William and Mary allows students to design a major based on their own interests and career goals and prepares students for post-baccalaureate employment and for further study of mathematical sciences and related disciplines. There are three concentrations within the major – the Standard Concentration, the Applied Mathematics Concentration and the Pre-College Mathematics Teaching Concentration. Study options include applied and pure mathematics, operations research, statistics, and teaching at the elementary or secondary level. Students can also design elective programs needed for careers in actuarial science and industrial mathematics, for interdisciplinary work in fields such as economics, business and social sciences, or for graduate studies.

Information about the mathematics major, career choices and appropriate courses of study is available from the department's academic advisors and the Office of Career Services as well as informally from the mathematics faculty.

Major Writing Requirement:

A student in any Mathematics major concentration satisfies the upper-division mathematics writing requirement in one of the following ways:

1. Completion of Math 300 with a grade of C- or better, which requires the writing of an expository paper on some mathematical topic
2. Completion of MATH 495-MATH 496 with a grade of C- or better, which requires the writing of an Honors thesis;

For either of these options, the student registers for the course in a section corresponding to the faculty member who has agreed to supervise the student. For students In the Pre-College Mathematics Teaching Concentration, the writing requirement must incorporate some element of the history of mathematics.

Computer Proficiency Requirements:

A student in any Mathematics major concentration must show proficiency in some high-level computer programming language at the level of CSCI 141. This is normally done by receiving a grade of at least C- in CSCI 141. Exceptions require the department chair's permission.

In addition, students in the Applied Concentration must demonstrate proficiency at the level of CSCI 241. This is normally done by taking and passing this course.

Enriching the Mathematics Major:

The requirements described below are the minimal requirements for the mathematics major, and most mathematics majors take courses beyond that minimum. Students wishing to obtain a deeper understanding of mathematics (e.g., in preparation for graduate school) should take additional upper-division courses. Second courses to make year-long sequences in linear algebra, analysis, abstract algebra, numerical analysis, statistics, or operations research are particularly recommended.

The Standard Mathematics Concentration

This is the most flexible of the three concentrations, allowing the widest choice of electives. Students who are considering graduate study often pursue this concentration, as do some students aiming for pre-college teaching, but the flexible requirements of the concentration are also appropriate for students with other goals. The major requirements of the Standard Concentration are:

A Core Consisting Of:

- MATH 111 - Calculus I *(4)* or
- MATH 131 - Calculus I for Life Sciences *(4)*

- MATH 112 - Calculus II *(4)* or
- MATH 132 - Calculus II for Life Sciences *(4)*

- MATH 211 - Linear Algebra *(3,3)*

- MATH 212 - Introduction to Multivariable Calculus *(3,3)* or
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

- MATH 214 - Foundations of Mathematics *(3,3)*

Additional Requirements:

- Completing the major writing requirement and computer proficiency requirement as described above;
- MATH 307 - Abstract Algebra *(3)*
- MATH 311 - Elementary Analysis *(3)*

- MATH 495 - Honors *(3)*
- MATH 496 - Honors *(3)*
- Plus three other three-credit 400 level mathematics courses and one three-credit mathematics course at the 300-400 level, which cannot include both MATH 351 and MATH 451 (for a total of at least eight upper-division courses that cannot include both MATH 351 and MATH 451).

  or

- (Excluding Math 495-6) Three three-credit mathematics courses at the 400-level, plus two other three-credit mathematics courses at the 300-400 level, which cannot include both MATH 351 and MATH 451 (for a total of at least seven upper-division courses that cannot include both MATH 351 and MATH 451).

Additional Information:

With permission of the department chair, certain three-credit upper-division mathematical courses from other departments (e.g., Computer Science, Economics, or Physics) may be used as upper division elective courses in this requirement.

Advanced Standing

Entering students may receive credit for mathematics courses through AP or IB and transfer credit. In each of the mathematics major concentrations, well-prepared students may begin their studies beyond MATH 111 without receiving credit for earlier courses listed in the core requirements section of each concentration. Each skipped course for which the student does not receive credit must be replaced by an additional three-credit 300-400 level mathematics course.

Courses Descriptions

MATH 100 - Critical Themes in Mathematics, Historical and Modern

Fall and Spring (4) Staff (College 100)
The courses will explore ideas central to the evolution of mathematics and its application. Students will actively participate in the development of ideas explored in the courses. Some courses will require good high-school mathematics background. Sample topics might include Limits and Infinity, Linearity, Coding and Cryptanalysis, Geometry and Physics of Archimedes.

MATH 103 - Pre-calculus Mathematics

Fall (3)
A study of the real number system, sets, functions, graphs, equations, inequalities and systems of equations, followed by a study of the trigonometric functions and their properties. This course is designed only for students intending to take Math 108 or Math 111, and whose background is deficient in algebra and trigonometry. Juniors and seniors must obtain permission from the instructor to enroll. This course may not be applied toward either the minor or major in mathematics or the satisfaction of GER requirements. A student may not receive credit for this course after successfully completing a Mathematics course numbered higher than 107, with the exception of Math 150.

MATH 104 - The Mathematics of Powered Flight

Fall and Spring (3) (College 200, NQR, MATH, GER 1)
Applications of elementary mathematics to airplane flight. Wind and its effect on airport design and aircraft operation. Maps and map projections. Magnetic variation and compass navigation. Static air pressure: buoyancy and the altimeter. Use of a flight simulator will illustrate the mathematical analysis of certain aircraft instruments. Not open to students who have credit for a Mathematics course numbered above 210. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

MATH 106 - Elementary Probability and Statistics

Fall and Spring (3) (MATH, GER 1)
Introduction to basic concepts and procedures of probability and statistics including descriptive statistics, probability, classical distributions, estimation, hypothesis testing, correlation and regression, in the context of practical applications to data analysis from other disciplines. Not open to students who have successfully completed a mathematics course numbered above 210.

MATH 108 - Brief Calculus with Applications

Fall and Spring (4) (MATH, GER 1)
An introduction to the calculus of polynomial, rational, exponential and logarithmic functions, including some multi-variable calculus, with applications in business, social and life sciences. Algebra proficiency required. Maple or Matlab may be used in the course. Students may not receive credit for more than one of Math 108, 111, and 131, and may not receive credit for Math 108 after receiving credit for any Mathematics course numbered higher than 108, with the exception of Math 150. To use Math 108 as a prerequisite for Math 112 or 132, students need approval of the department chair.

MATH 110 - Topics in Mathematics

Fall and Spring (3)
An introduction to mathematical thought with topics not routinely covered in existing courses. Material may be chosen from calculus, probability, statistics and various other areas of pure and applied mathematics.

MATH 111 - Calculus I

Fall and Spring (4) (MATH, GER 1, NQR)
Standard functions (linear, polynomial, trigonometric, exponential, logarithmic) and their graphs. Tangents, derivatives, the definite integral and the fundamental theorem. Formulas for differentiation. Applications to physics, chemistry, geometry and economics. Requires graphing calculator. Concurrent enrollment in Math 111 calculus lab required. Students may not receive credit for more than one of Math 108, 111, and 131.

MATH 112 - Calculus II

Fall and Spring (4) Prerequisite(s): MATH 111 or MATH 131. *(MATH, GER 1)*
Methods of integration. Applications of the integral to geometry, chemistry, physics and economics. Slope fields and the qualitative behavior of solutions to differential equations. Approximations: sequences, series, and Taylor series. Concurrent enrollment in Math 112 Maple or Matlab calculus lab required. Students may not receive credits for more than one of Math 112 and 132.

MATH 131 - Calculus I for Life Sciences

Fall (4) (MATH, GER 1)
Mathematical topics parallel to those in Math 111. Applications in Math 131 focus on issues of importance in the Life Sciences, e.g., mathematical models of population dynamics, ecology, physiology, genetics, neurology. Students may not receive credit for more than one of Math 108, 111, and 131.

MATH 132 - Calculus II for Life Sciences

Spring (4) Prerequisite(s): MATH 111 or MATH 131. *(MATH, GER 1)*
Mathematical topics parallel those in Math112. Applications in this course focus on issues of importance in the Life Sciences, mathematical models of population dynamics, ecology, physiology, and epidemiology. Students may not receive credit for both Math 112 and Math 132.

MATH 210 - Linearity

Fall (4) Johnson. Prerequisite(s): MATH 112
Linear equations, dimension, linear transformations and their eigenvalues. Quadratic forms and matrix factorization. An introduction to research problems will include work in MATLAB and the typesetting language LATEX. Note: Students may not take both Math 210 and Math 211 for credit.

MATH 211 - Linear Algebra

Fall and Spring (3, 3) Prerequisite(s): Prerequisite: MATH 112 or MATH 132.
Linear equations, matrices, determinants, vector spaces, linear transformations, eigenvalues, orthogonality. Optional topics include least squares problems, matrix factorization, applications. A computer lab using the software package Matlab may accompany the class.

MATH 212 - Introduction to Multivariable Calculus

Fall and Spring (3, 3) Prerequisite(s): Prerequisite: MATH 112 or MATH 132.
Functions of several variables, surfaces in three-space, vectors, techniques of partial differentiation and multiple integration with applications. MAPLE or Matlab will be used in this course. Students may not receive credit for both Math 212 and 213.

MATH 213 - Multivariable Calculus for Science and Mathematics

Fall and Spring (4, 4) Prerequisite(s): Prerequisite: MATH 112 or MATH 132.
Covers all Math 212 material plus other vector calculus topics (including Gauss' and Stokes' theorems). Students may not receive credit for both Math 212 and MATH 213. Math 213 may replace Math 212 as a prerequisite and is particularly recommended for science and mathematics students.

MATH 214 - Foundations of Mathematics

Fall and Spring (3, 3) Prerequisite(s): MATH 112 or MATH 132.
Fundamentals of advanced mathematics: Propositional logic, quantifiers and methods of proof; naive set theory including mathematical induction, relations, orders, functions, and countability.

MATH 300 - Mathematical Sciences Writing

Fall and Spring (1) Staff Prerequisite(s): MATH 214
Students will develop their mathematical writing skills in a term written project. Sources for topics include the history of mathematics, research conducted by the student, or topics from an upper division course that the student has taken or is currently taking. Fulfills the major writing requirement.

MATH 302 - Ordinary Differential Equations

Fall and Spring (3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213).
First-order separable, linear, and nonlinear differential equations. First-order systems and forced second-order linear equations. Systems of linear equations and linearization. Numerical methods, bifurcations, and qualitative analysis. Applications to biology, chemistry, economics, physics, and social sciences.

MATH 307 - Abstract Algebra

Fall and Spring (3) Prerequisite(s): MATH 211 and MATH 214.
Groups, rings, fields, isomorphisms; polynomials. Additional topics chosen from group theory and ring theory, as time permits.

MATH 309 - Intermediate Linear Algebra

Spring (3) Prerequisite(s): MATH 211 and MATH 214.
Complex numbers; inner product spaces; adjoints of linear transformations; projections; unitary transformations. Spectral

theorem for normal, Hermitian and unitary transformations. Polar and singular-value decompositions. Eigenvalues and eigenvectors; the Jordan canonical form. Bilinear and quadratic forms; Sylvester's Law of Inertia. Dual spaces: linear functionals, biorthogonal systems, annihilators. Tensors and tensor products.

MATH 311 - Elementary Analysis

Fall and Spring (3) Prerequisite(s): (MATH 212 or MATH 213) and MATH 214.
An introduction to the theory of real variables, the topology of the real line, convergence and uniform convergence, limits and continuity, differentiation, Riemann integration and the Fundamental Theorem of Calculus.

MATH 316 - Projective Geometry and Art

Spring (3) Bolotnikov (College 200, NQR)
Classical projective and affine geometry. Homogeneous coordinates, projective transformatiions and their invariants. Theorems of Desargue and Feuerbach. The theory of perspective with application to Renaissance and modern art. (This course is anchored in the NQR domain, and also considers aspects of the ALV domain.)

MATH 323 - Operations Research: Deterministic Models

Fall (3) Prerequisite(s): MATH 211.
An introduction to deterministic Operations Research techniques and applications. Topics include search algorithms, simplex search for linear programs, duality and sensitivity analysis for linear programs, shortest path problems, network models and discrete optimization.

MATH 332 - Graph Theory and its Applications

Spring (3) Yu Prerequisite(s): MATH 211 or MATH 214 *(College 200, NQR, MATH)*
This is an introductory course about graph theory and its applications. It covers graph-theoretic concepts such as paths, Eulerian circuits, trees, distance, matchings, connectivity, network flows, colorings, planarity, and spanning cycles. It will also apply graph theory concepts in the analysis of social networks, and in the applications of natural and social sciences. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

MATH 345 - Introduction to Mathematical Biology

Fall (3) Prerequisite(s): MATH 112 or MATH 132.
An introduction to developing, simulating, and analyzing models to answer biological questions. Mathematical topics may include matrix models, non-linear difference and differential equations, and stochastic models. Biological topics may include ecology, epidemiology, evolution, molecular biology, and physiology.

MATH 351 - Probability and Statistics for Scientists

Spring and Fall (3) Prerequisite(s): MATH 112 or MATH 132.
Basic concepts in probability and statistical inference. Topics include: probability laws, counting techniques, discrete and continuous random variables, probability and cumulative distribution functions, sampling distributions, central limit theorem, point estimation, confidence intervals and one and two-sample tests of hypotheses. Mathematics majors are encouraged to take the more theoretical courses Math 451 and Math 452. Math 351 cannot not be taken concurrently with Math 451, nor after receiving credit for Math 451.

MATH 352 - Statistical Data Analysis

Spring (3) Prerequisite(s): MATH 351 or MATH 451
Concepts in statistical data analysis. Topics include: simple and multiple linear regression, nonlinear regression, experimental design, nonparametric statistics and the use of statistical software. Other selected topics for statistical data analysis in order to provide a more in-depth exposure to the practice of statistics.

MATH 380 - Topics in Mathematics

Fall and Spring (1-3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213).
A study of 300-level mathematical topics not covered by existing courses. Topics may be pure or applied. Course may be repeated for credit with permission of instructor.

MATH 403 - Intermediate Analysis

Spring (3) Prerequisite(s): MATH 311.
Sequences and series of functions; analysis in metric spaces and normed linear spaces; general integration and differentiation theory.

MATH 405 - Complex Analysis

Fall (3) Prerequisite(s): MATH 311.
The complex plane, analytic functions, Cauchy Integral Theorem and the calculus of residues. Taylor and Laurent series, analytic continuation.

MATH 408 - Advanced Linear Algebra

Fall (3) Prerequisite(s): MATH 211 and MATH 214.
Eigenvalues, singular values, matrix factorizations, canonical forms, vector and matrix norms; positive definite, hermitian, unitary and nonnegative matrices.

MATH 410 - Special Topics in Mathematics

Fall and Spring (1-3)
A treatment of topics of interest not routinely covered by existing courses. Material may be chosen from topology, algebra, differential equations and various other areas of pure and applied mathematics. This course may be repeated for credit with permission of the instructor.

MATH 412 - Introduction to Number Theory

Fall (3) Prerequisite(s): MATH 214.
An elementary course in the theory of integers, divisibility and prime numbers, a study of Diophantine equations, congruences, number-theoretic functions, decimal expansion of rational numbers and quadratic residues.

MATH 413 - Introduction to Numerical Analysis I

Fall (3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213) and CSCI 141 and MATH 214.
A discussion of the mathematical theory underlying selected numerical methods and the application of those methods to problems of practical importance. Computer programs are used to facilitate calculations and illustrate analytical results. The topics covered are: linear systems of equations, sensitivity analysis, least-squares problems, the singular value decomposition, and eigenvalue problems. Students planning to take 414 are encouraged to take 413 first.

MATH 414 - Introduction to Numerical Analysis II

Spring (3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213) and CSCI 141 and MATH 214.
A discussion of the mathematical theory underlying selected numerical methods and the application of those methods to problems of practical importance. Computer programs are used to facilitate calculations and illustrate analytical results. The topics covered are: nonlinear equations, interpolation and approximation, numerical integration, and numerical methods for the solution of ordinary and partial differential equations. Students planning to take 414 are encouraged to take 413 first.

MATH 416 - Topics in Geometry

Fall of even-numbered years (3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213) and MATH 214.
A treatment of topics selected from Euclidean geometry, non-Euclidean geometry, projective geometry, finite geometry, differential geometry or algebraic geometry.

MATH 417 - Vector Calculus for Scientists

Spring (3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213) and MATH 302.
Directional derivatives, differential forms and the Poincare lemma. Vector bundles, contact forms and their application to ordinary and partial differential equations. Applications to Lagrangian and Hamiltonian mechanics.

MATH 424 - Operations Research: Stochastic Models

Spring (3) Prerequisite(s): MATH 451.
A survey of probabilistic operations research models and applications. Topics include stochastic processes, Markov chains, queueing theory and applications, Markovian decision processes, inventory theory and decision analysis.

MATH 426 - Topology

Fall of odd-numbered years (3) Prerequisite(s): MATH 311.
A study of topological spaces, metric spaces, continuity, product spaces, compactness, connectedness and convergence. As time permits, additional topics may be chosen from homotopy theory, covering spaces, manifolds and surfaces, or other topics in algebraic or set theoretic topology.

MATH 428 - Functional Analysis

Spring of odd-numbered years (3) Prerequisite(s): MATH 311.
Introduction to the geometry of Hilbert spaces, bounded linear operators, compact operators, spectral theory of compact self-adjoint operators, integral operators and other applications.

MATH 430 - Abstract Algebra II

Spring of odd-numbered years (3) Prerequisite(s): MATH 307.
The theory of groups, rings, and fields. Topics may include the fundamental theorem of Abelian groups, Sylow's theorem, field extensions, and Galois theory.

MATH 432 - Combinatorics

Spring of even-numbered years (3) Prerequisite(s): MATH 211 and MATH 214.
A study of combinatorial theory and applications to practical problems. Topics include: graph theory, graphical algorithms, enumeration principles, inclusion-exclusion principle, recurrence relations, and generating functions. Optional topics: Polya counting principle, combinatorial designs, coding, Boolean algebra, and switching functions.

MATH 441 - Ordinary Differential Equations II

Fall (3) Prerequisite(s): MATH 302.
Linear systems of ODEs. Nonlinear systems; dynamical systems, existence/uniqueness of solutions; phase plane analysis; bifurcation; Poincare-Bendixson theory. Applications in biology, circuit theory, and mechanics. Discrete dynamical systems.

MATH 442 - Partial Differential Equations

Spring (3) Prerequisite(s): MATH 302.
An introduction to partial differential equations. Waves, diffusion, and boundary value problems; Fourier analysis; harmonic functions; Green's function and Green's identity. Introduction to numerical methods for approximating solutions.

MATH 451 - Probability

Fall and Spring (3) Prerequisite(s): MATH 211 and (MATH 212 or MATH 213) and MATH 214.
Concepts in probability (formerly MATH 401). Topics include: probability laws, counting techniques, discrete and continuous random variables, probability and cumulative distribution functions, marginal and conditional probability distributions, moment generating functions, transformations of random variables, multivariate transformations, order statistics, sampling distributions and the central limit theorem. Math 451 cannot be taken concurrently with Math 351.

MATH 452 - Mathematical Statistics

Spring (3) Prerequisite(s): MATH 451
Concepts in statistical inference. Topics include: point and interval estimation, consistency, convergence in distribution, sufficient statistics, minimum variance unbiased estimators, method of moments, maximum likelihood estimation, small and large-sample hypothesis tests, uniformly most powerful tests and likelihood ratio tests. Math 452 cannot be taken concurrently with Math 351. *(formerly MATH 402)*

MATH 459 - Topics in Statistics

Fall and Spring (1-3) Prerequisite(s): Consent of instructor.
Statistical topics not covered in other courses. Possible topics include: linear models, nonparametric statistics, multivariate analysis, computationally intensive methods. This course may be repeated for credit as topics change.

MATH 490 - Seminar

Fall and Spring (3) Prerequisite(s): MATH 214.
Sections of this course will treat a single narrow topic. Possible areas of interest include linear algebra, operator theory, applied analysis, combinatorial theory, operations research, statistics, history of mathematics, mathematical pedagogy and computational mathematics. Students will present written and oral work for discussion in class. May be repeated with permission.

MATH 495 - Honors

Fall, Spring (3)
Students admitted to Honors study in mathematics will be enrolled in this course during both semesters of their senior year. The course comprises: (a) supervised research in the student's special area of interest; (b) presentation by April 15 of an Honors thesis; and (c) satisfactory performance in a comprehensive oral examination in the field of the student's major interest. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

MATH 496 - Honors

Fall, Spring (3)
Students admitted to Honors study in mathematics will be enrolled in this course during both semesters of their senior year. The course comprises: (a) supervised research in the student's special area of interest; (b) presentation by April 15 of an Honors thesis; and (c) satisfactory performance in a comprehensive oral examination in the field of the student's major interest. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Medieval and Renaissance Studies [Back to Table of Contents]

Faculty

Associate Professor

Suzanne Hagedorn, Director

Medieval and Renaissance Studies Program

Students will have a designated faculty Advisor in Medieval and Renaissance Studies to help them arrange a coherent program in keeping with the degree requirements of the College and to certify that progress is being made toward graduation. The Director of the program in Medieval and Renaissance Studies will help majors choose an advisor corresponding to the department of their greatest academic interest (including second major or minor, if any). Majors who do not easily fit into an area will be advised by the Director of the program in Medieval and Renaissance Studies. For more information contact the Director of the program in Medieval and Renaissance Studies, Prof. Suzanne Hagedorn.

Programs

Medieval and Renaissance Studies, BA

Required Credit Hours: 34

(from course listing below)

Major Computing Requirement:

Proficiency by fulfilling participating departmental requirements within the program.

Major Writing Requirement:

Proficiency by fulfilling participating departmental requirements within the program.

Core Requirements:

At least 25 of the 34 credit hours must come from 300-level or 400-level courses. Students must take at least one three-credit course from each of groups 1, 2, 3, and 4 below. At least three of those four courses must be 300-level or 400-level courses. Students may petition the Director of the program in Medieval and Renaissance Studies to count appropriate non-listed courses (such as independent studies courses, or irregularly offered upper-level colloquia and senior seminars) toward their major. Students are strongly encouraged to take at least one upper-level seminar or colloquium whose subject matter falls within the field of Medieval and Renaissance Studies.

In addition, majors must complete one course above the 202-level in a modern European language, in Arabic, in ancient or modern Hebrew, in Latin, or in ancient Greek (but not including literature in translation courses). Majors who intend to pursue graduate studies are strongly encouraged to seek language training beyond the minimum requirement, and also to prepare a second major, or at least a minor, in one of the traditional disciplines represented.

Historical Context

- HIST 240 - The Crusades *(3)*
- HIST 355 - Religion in 19th Century America *(3)*
- HIST 358 - The European Renaissance *(3)*

- HIST 359 - The Reformation in Western Europe *(3)* *
- HIST 387 - England Under the Tudors, 1485-1603 *(3)*
- HIST 388 - Britain Under the Stuarts, 1603-1714 *(3)*

Art History and Music

- ARTH 351 - Medieval Art and Architecture *(3)*
- ARTH 353 - Early Christian and Byzantine Art and Architecture *(3)*
- ARTH 360 - Italian Renaissance Art, 1300-1600 *(3)*
- ARTH 362 - Northern Renaissance Art, 1400-1600 *(3)*
- ARTH 363 - Baroque Art, 1600-1700 *(3)*
- ARTH 365 - Seventeenth-Century Dutch Painting *(3)*
- MUSC 381 - Medieval and Renaissance Music *(4)*

Language and Literature

- ENGL 203 - British Literature I *(3)*
- ENGL 205 - An Introduction to Shakespeare *(3)*
- ENGL 303 - History of the English Language
- ENGL 311 - Epic and Romance *(3)*
- ENGL 314 - Old English *(3)*
- ENGL 315 - Beowulf *(3)*
- ENGL 316 - Arthurian Literature *(3)*
- ENGL 322 - Medieval Literature *(3)*
- ENGL 323 - The English Renaissance *(3)*
- ENGL 324 - The Early Seventeenth Century *(3)*
- ENGL 325 - English Renaissance Drama *(3)*
- ENGL 420 - Chaucer *(3)*
- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*
- ENGL 426 - Milton *(3)*
- FREN 316 - The Middle Ages *(3)*
- FREN 318 - The Renaissance *(3)*
- FREN 321 - The Spectacular Culture of Early Modern France *(3)*
- FREN 322 - Comedy & Humor in Early Modern France
- FREN 332 - Topics in Early Modern Literature and Culture *(3)*
- FREN 410 - French Philology
- GRMN 301 - German Literature from the Beginning to 1700
- HISP 374 - Imagining the Spanish Transatlantic Empire: Early Modern Hispanic Culture (1492-1700) *(3)*
- HISP 401 - Medieval Spanish Literature *(3)*

- HISP 402 - Cervantes *(3)*
- HISP 403 - Spanish Literature of the Golden Age *(3)*
- HISP 482 - Love and Prostitution in Medieval Spain *(3)*
- HISP 486 - Spanish Language Epic and Nationalism *(3)*
- ITAL 309 - Dante and the Medieval Tradition (In English) *(3-4)*
- ITAL 312 - Renaissance Italy (In English) *(3-4)*
- LATN 329 - Medieval Latin *(3)*
- LING 303 - History of the English Language *(3)*

Religion and Philosophy

- PHIL 232 - Medieval Philosophy *(3)*
- RELG 210 - Introduction to the History of Christianity *(3)*
- RELG 211 - Introduction to the History of Jewish Thought *(3)*
- RELG 212 - Introduction to Islam *(3)*
- RELG 328 - Midrash: Jewish Interpretation of Scriptures *(3)*
- RELG 329 - The Rabbinic Mind *(3)*
- RELG 332 - Religion and Society in the Middle Ages *(3)*
- RELG 334 - The Protestant and Catholic Reformations *(3)* *

Note:

* Students may count either HIST 359, The Reformation in Western Europe, or RELG 334, The Protestant and Catholic Reformations, but not both, toward a Medieval and Renaissance Studies major or minor.

Medieval and Renaissance Studies, Minor

Required Credit Hours: 21

Core Requirements:

Students are required to take one course from each of the four Medieval and Renaissance Studies groups listed under Medieval and Renaissance Studies, BA Core Requirements topics; at least three of those four courses must be 300-level or 400-level courses. Students are also required to take three additional courses selected from among the courses listed under Medieval and Renaissance Studies, BA Core Requirements topics; at least two of those three courses must be 300-level or 400-level courses. Students may petition the Director of the program in Medieval and Renaissance Studies to include non-listed courses in their minor (such as departmental independent studies courses) when appropriate.

Course Descriptions

MREN 201 - Introduction to Medieval and Renaissance Studies

Spring (3) Staff (College 200, ALV)
An introduction to key texts, and scholarly approaches to those sources, between 300 CE and 1600 CE in western Europe. The course is interdisciplinary, with attention to history, literature, art, and music. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

MREN 351 - Special Topics in the Middle Ages

Fall and Spring (3-4) Staff
Exploration of a particular topic in the Middle Ages. Course may be repeated if topic differs.

MREN 352 - Special Topics in the Renaissance

Fall and Spring (3-4) Staff
Exploration of a particular topic in the Renaissance. Course may be repeated if topic differs.

Military Science [Back to Table of Contents]

Faculty

Professor

Lieutenant Colonel James M. Kimbrough (Chair)

Assistant Professors

Major William D. Chesher, Master Sergeant Steven D. Barker

Military Science Program

A unit of the Reserve Officers' Training Corps was established at the College of William & Mary on July 1, 1947, with an assigned mission to qualify students for positions of leadership and management in the United States Army and the civilian sector. By participating in the ROTC program a student may earn a commission as a Second Lieutenant in the Active Army, the United States Army Reserve or the Army National Guard, while pursuing an academic degree. The program offers a general military science and leadership curriculum which enables a cadet to qualify for assignment into any one of the 16 branches of the Army. The Military Science and Leadership Department is a joint program with Christopher Newport University. Classroom courses are taught at the College of William & Mary, with field leadership training conducted at sites such as Ft. Eustis, Fort A.P. Hill, Fort Pickett, the Mariner's Museum, and in Matoaka Woods at the College of William & Mary. Participation includes:

1. $4,500-$5,000 subsistence allowance during junior and senior years; some books and all uniforms are furnished by the Department of Military Science.
2. An opportunity to participate in leadership and confidence-building activities as land navigation, adventure training, marksmanship, field training exercises, and physical training. The leadership and management skills development program includes education, training and experience that prepare a student for leadership in military service and civilian life.
3. An opportunity to earn a commission as a Second Lieutenant in the United States Army and a job opportunity in a leadership position with a starting salary and allowances of $39,000 per year, increasing to $73,700 in four years, or an opportunity to serve in the Army Reserve or National Guard.
4. Newly commissioned officers may request an educational delay in their entry on active duty in order to pursue graduate studies in medicine, law or divinity.

Scholarships

Four-, three- and two-year scholarships are available. Students compete for several thousand scholarships nationwide. Freshmen and sophomores may apply for the three- and two-year scholarships, respectively. These scholarships pay for:

1. Tuition & Mandatory Fees (fully funded)
2. Books (up to $1200 annually)
3. Expense stipend ($300-$500 tax free per month)

Requirements for Enrollment

Any full-time freshman or sophomore student who is physically qualified and not already holding a commission in any armed forces may enroll in the Basic Military Science and Leadership program. Those meeting these qualifications, but who have had prior military experience in the armed forces; ROTC in another college; or in junior ROTC in high school, should consult the Department of Military Science & Leadership. Entrance into the Advanced Course (300- and 400-level) is based upon the following:

- Satisfactory completion of the Basic Course, Leader Training Course, advanced placement due to prior military service, or three years of JROTC;
- Successful completion of an Army physical examination;
- Execution of appropriate loyalty statements and contractual agreements;
- Satisfactory completion of the appropriate screening tests; and
- Selection by the Professor of Military Science.

Requirements for Commissioning

The Department of Military Science and Leadership offers two, three, and four year programs that will qualify students for commissioning as a Second Lieutenant in the United States Army. General requirements for commissioning include:

1. Completion of the Military Science and Leadership Basic Course.
    1. Four-Year Program. Complete MLSC 101 / MLSC 103, MLSC 102 / MLSC 103, MLSC 201 / MLSC 203, MLSC 202 / MLSC 203 during the freshman and sophomore years.
    2. Three-Year Program. Students who have less than four years to graduate and are accepted into the Military Science and Leadership program after their first term can complete the MLSC 100-level courses simultaneously with the MLSC 200-level courses as determined by the Professor of Military Science & Leadership.
    3. Two-Year Program. Either prior military service, three years of Junior ROTC or attendance to the four-week ROTC Leader Training Course during the summer (between the sophomore and junior years) will provide placement credit for the ROTC Military Science and Leadership Basic Course.
2. Completion of the Military Science and Leadership Advanced Course:
    1. Complete MLSC 301 / MLSC 303 and MLSC 302 / MLSC 303 during the junior year.
    2. Attend a 33 day ROTC Cadet Summer Training Course during the summer between the junior and senior years or following the senior year.
    3. Complete MLSC 401 / MLSC 403 and MLSC 402 / MLSC 403 during the senior year.
3. Completion of HIST 318 HIST 318 - United States Military History, 1860-1975. This course is taught by the University's Department of History.

Obligations

A non-scholarship student incurs no obligation to the military by participating in freshman or sophomore Military Science and Leadership courses (MLSC 100 and 200-level courses). These courses offer a student the opportunity to evaluate the prospect of military service and to qualify for the Advanced Course beginning in the junior year. When a cadet enters the Advanced Course, he or she contracts and is obligated to accept a commission, if offered, as a Second Lieutenant in the United States Army upon graduation.

Career Placement: Active Duty and Reserve Forces Duty

All commissioned officers incur an initial eight-year obligation. ROTC cadets have a choice of requesting Active Duty or Reserve Forces Duty. The difference between the two options is listed below:

1. Active Duty. The first three to four years are served on active duty, with the remaining four to five years served in the Reserves.
2. Reserve Forces Duty (Army National Guard or U.S. Army Reserve). Newly commissioned officers may enter active duty for approximately 90 days to attend a branch-specific Basic Officer Leadership Course (BOLC) and serve out the remainder of their eight year obligation in the Reserves while pursuing a civilian career. Cadets may choose to guarantee this option prior to entrance into the junior year.

Description of Courses

Note: No more than eight of the Military Science credits count toward the 120 credits needed for graduation. The remaining four credits will appear on the student's official transcripts.

Basic Courses

The following Military Science Basic Courses are designed for freshmen and sophomores: MLSC 101, MLSC 102, MLSC 201 and MLSC 202. The Basic Courses introduce freshmen and sophomores to the fundamentals of leadership and management while they learn about the opportunities and prospects of ROTC and commissioned service. Students complete these courses without service obligation (except Army scholarship students) while qualifying for the Advanced Program. All students must participate in the Leadership Laboratory (MLSC 103 and MLSC 203) in the Basic Courses.

Advanced Courses

These courses are designed to prepare juniors and seniors who have agreed to seek a commission as officers in the United States Army. Freshmen and sophomores may not take the Advanced Courses.

Course Descriptions

MLSC 101 - Leadership and Personal Development

Fall (1) Staff
Introduces students to issues and competencies that are central to a commissioned officer's responsibilities. These initial lessons establish a framework for understanding officership, leadership, and Army values. Additionally, the semester addresses life skills' including fitness and time management. The MLSC 101 course is designed to support recruiting and retention of cadets by giving them accurate insight into the Army Profession and the officer's role in the Army.

MLSC 102 - Introduction to Tactical Leadership

Spring (1) Staff
MLSC 102 overviews leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. You will explore dimensions of leadership values, attributes, skills, and actions in the context of practical, hands-on, and interactive exercises.

MLSC 103 - MS I Leadership Laboratory

Fall/Spring (0) Staff
Taken with MLSC 101 and MLSC 102. Presents basic leadership skills in practical situations. Introduces standard Army equipment, marksmanship, orienteering, and small unit tactics, and functioning as a member of a team or squad. Additional fees apply. See the class schedule for details and amounts.

MLSC 201 - Innovative Team Leadership

Fall (1) Staff
This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced planning, executing and assessing team exercises and participating in leadership labs. The focus continues to build on developing knowledge of the leadership values and attributes through understanding Army rank, structure, and duties as well as broadening knowledge of land navigation and squad tactics. Case studies will provide a tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the contemporary operating environment.

MLSC 202 - Foundations of Tactical Leadership

Spring (1) Staff
This course examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). This course highlights dimensions of terrain analysis, patrolling, and operation orders. Continued study of the theoretical basis of the Army leadership framework explores the dynamics of adaptive leadership in the context of military operations. MLSC 202 provides a smooth transition into MLSC 301. Cadets develop greater self awareness as they assess their own leadership styles and practice communication and team building skills. COE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MLSC 203 - MS II Leadership Laboratory

Fall/Spring (0) Staff
Taken with MLSC 201 and MLSC 202. Develops intermediate leadership skills by placing cadets in small unit leadership roles in practical situations. Emphasizes acquisition of intermediate individual soldier skills and tactical theory. Advanced Courses These courses are designed to prepare juniors and seniors who have agreed to seek a commission as officers in the United States Army. Freshmen and sophomores may not take the Advanced Courses. Additional fees apply. See the class schedule for details and amounts.

MLSC 301 - Adaptive Team Leadership

Fall (2) Staff Prerequisite(s): MLSC 101, MLSC 102, MLSC 201, MLSC 202 or equivalent, and contract status in ROTC
You are challenged to study, practice, and evaluate adaptive team leadership skills as you are presented with the demands of the ROTC Leader Development and Assessment Course (LDAC). Challenging scenarios related to small unit tactical operations are used to develop self-awareness and critical thinking skills. You will receive systematic and specific feedback on their leadership abilities.

MLSC 302 - Leadership in Changing Environments

Spring (2) Staff Prerequisite(s): MLSC 301 or consent of department and contract status in ROTC
You will be challenged to study, practice, and evaluate adaptive leadership skills as you are presented with the demands of the ROTC Leader Development Assessment Course (LDAC). Challenging scenarios related to small unit tactical operations are used to develop self-awareness and critical thinking skills. You will receive systematic and specific feedback on your leadership abilities. Leadership Lab concentrates on general military subjects directed toward the reinforcement of military skills and the development of new skills required for the ROTC Leader Development Assessment Course (LDAC).

MLSC 303 - MS III Leadership Laboratory

Fall/Spring (0) Staff
Taken with MLSC 301 and MLSC 302. Develops advanced leadership skills by requiring cadets to train and lead units of 10 to 40 fellow cadets. Includes intensive study of Army equipment, techniques and operational doctrine to achieve advanced proficiency and preparation for attending the Leader Development and Assessment Course. Additional fees apply. See the class schedule for details and amounts.

MLSC 401 - Developing Adaptive Leaders

Fall (2) Staff Prerequisite(s): MLSC 302
MLSC 401 develops student proficiency in planning, executing, and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. You are given situational opportunities to assess risk, make ethical decisions, and lead fellow ROTC cadets. Lessons on military justice and personnel processes prepare you to make the transition to becoming an Army officer. During your MSL IV year, you will lead cadets at lower levels. Both your classroom and battalion leadership experiences are designed to prepare you for your first unit of assignment. You will identify responsibilities of key staff, coordinate staff roles, and use battalion operations situations to each, train, and develop subordinates.

MLSC 402 - Leadership in a Complex World

Spring (2) Staff Prerequisite(s): MLSC 302
MLSC 402 explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). You will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. You also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support. The course places significant emphasis on preparing you for BOLC and your first unit of assignment. It uses case studies, scenarios, and "What Now, Lieutenant?" exercises to prepare you to face the complex ethical and practical demands of leading as a commissioned officer in the United States Army. This semester you will: Explore Military Professional Ethics and ethical decision making facing an Officer, Gain practical experience in Cadet Battalion Leadership roles, Demonstrate personal skills in operations and communications, Evaluate and develop MSL III small unit leaders and examine issues of force protection in the COE, Prepare for the transition to a career as an Army Officer.

MLSC 403 - MS IV Leadership Laboratory

Fall/Spring (0) Staff
Taken with MLSC 401 and MLSC 402. Develops advanced leadership and management expertise in the evaluation of subordinates, performance counseling, mentoring and development of programs of training for units of 100 or more members. Additional fees apply. See the class schedule for details and amounts.

MLSC 404 - Independent Study in Military Science

Fall or Spring (1) Staff
This course provides ROTC cadets who have completed their Advance Course program the opportunity to conduct detailed research and independent study on a current problem or topic associated with the military. Program of study will be arranged individually with a faculty advisor; admission by consent of the chair of the department. This course may be repeated as there is no duplication of topic

Modern Languages and Literatures [Back to Table of Contents]

Faculty

Professor

Fauvel (Chair)

Professors

Cate-Arries (Associate Chair of Faculty Affairs), Longo (on leave Fall 2016), **Root** (on leave Fall 2016), **Sheehi** (Sultan Qaboos bin Said Professor of Middle East Studies), **Stock** (Scholar in Residence at Swem Library, 2016-2019)**,** and **Tang** (Chancellor Professor)

Associate Professors

Arries, **Buck** (on leave Spring 2017), **Campbell (CLA Fellow)**, **Cherkaoui**, **Compan**, Cronin, **Eisele, Ferrarese, Hill** (on leave 2016-2017), **Kulick**(on leave 2016-2017), **M. Leruth** (on leave Spring 2017), **Leventhal** (on leave 2016-2017), **Pacini, Prokhorov** (Associate Chair of Educational Policy), **Prokhorova, Riofrio** (on leave Fall 2017), **Sasaki, Tandeciarz (CLA Fellow)**, and **Taylor**

Assistant Professors

Hui, Rabalais, **Seger,** and **Terukina**

Visiting Assistant Professors

Baker, Gully, Hugonny, Jeltsch (on leave Fall 2016), **Lu, Melo-Vega, Mulcahy, Slodounik, Sanchis-Sinisterra, Vozel,** and **Zaki**

Senior Lecturers

Ginzbursky-Blum, Kato, Kitamura, A. Leruth and **Su**

Lecturers

Carrion and **Mattavelli**

Visiting Instructors

Lontor and **Lu**

The Program

The proficiency requirements and placement policies for foreign languages are indicated under the Requirements for Degrees section of the catalog.

The Department of Modern Languages and Literatures offers instruction in eight languages/cultures (Arabic, Chinese, French, German, Italian, Japanese, Russian and Spanish). It also offers a series of pedagogical courses on Second Language Acquisition and Teaching English to Speakers of Other Languages (TESOL). In addition to beginning, intermediate and advanced language courses, MDLL also offers instruction in the analysis of literature, film and culture taught both in the foreign languages and in English. In collaboration with the Global Education office in the Reves Center, MDLL sponsors summer, semester and yearlong study abroad programs in more than ten countries in Europe, Asia, Latin America and Africa. On campus, interested students may choose to live in one of eight Language Houses, where native speaker Resident Tutors provide an opportunity for informal language learning, organize an active schedule of cultural events conducted in the target language and serve as a source of information on their native countries.

While the study of modern languages, literatures and cultures has always been a cornerstone of the liberal arts experience, the mission of MDLL at William and Mary includes preparing students for graduate and professional training in a wide range of disciplines, among which are foreign and comparative literature, cultural studies, language teaching, international studies and relations, business, law and government service. Many of our students combine the study of one or more modern languages with majors such as Art History, Biology, Government, Global Studies, History, International Relations, Linguistics or Business.

Interdisciplinary Programs

MDLL plays a central role in numerous interdisciplinary and international programs at the College, among which are Africana Studies, Asian and Middle-Eastern Studies, European Studies, Film and Media Studies and Gender, Sexuality and Women's

Studies, Latin American Studies, and Russian and Post-Soviet Studies. For further information about these programs, see the appropriate sections of this catalog.

Programs and Course Descriptions

For courses in individual languages and literature, please see appropriate sections of this catalog.

- Arabic Studies
- Chinese Studies
- French and Francophone Studies
- German Studies
- Hispanic Studies
- Italian Studies
- Japanese Studies
- Russian Studies
- Teaching English to Speakers of other Languages Program

Arabic Studies

Faculty

Professors

Eisele, Sheehi (Chair)

Associate Professors

Driss

Visiting Assistant Professor

Zaki

The Arabic Studies Program

Our program offers opportunities to study the Arabic language at the beginning, intermediate, and advanced levels, as well as courses in Arabic literature and culture in English. Descriptions of individual courses are available below.

There is at present no major offered in Arabic, but we invite students to consider our minor in Arabic. In addition, students studying Arabic can major in Global Studies with a Middle East Concentration.

We encourage our students to study abroad in an Arabic-speaking country. While we do not as yet have our own programs, we advise students on the programs that are available throughout the Arabic world. For more information regarding study abroad, see the Reves Center website.

Program

Arabic Language and Literature, Minor

Required Credit Hours: 18 hours

Core Requirements:

(6 courses) beyond the 202 level (but including ARAB 150), of which no more than 7 credit hours may be in courses taught in English. No course for the minor may be taken pass/fail. Transfer credits will be reviewed by the departmental chair.

Course Descriptions

ARAB 100 - Critical Questions in Arabic

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Arabic for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

ARAB 101 - Elementary Arabic I

Fall and Summer (4) Eisele
Training in reading, writing and aural-oral skills. Emphasis on modern standard Arabic, with introduction to spoken idiom. Work includes intensive practice in listening, reading and speaking. All scheduled sessions associated with the course are required. For additional placement information, please see the Modern Languages and Literatures website.

ARAB 102 - Elementary Arabic II

Spring and Summer (4) Eisele. Prerequisite(s): ARAB 101 or consent of instructor
Training in reading, writing and aural-oral skills. Emphasis on modern standard Arabic, with introduction to spoken idiom. Work includes intensive practice in listening, reading and speaking. All scheduled sessions associated with the course are required. For additional placement information, please see the Modern Languages and Literatures website.

ARAB 150 - First-Year Seminar

Fall or Spring (4) Staff (College 150)
An exploration of a specific topic in Arabic Studies. A grade of C- or better fulfills the College 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

ARAB 200 - Arabic Studies Abroad: Language, Literature and Culture

Fall, Spring, or Summer (1-4) Staff
This number is intended for courses completed in an Arabic-speaking country. May be repeated for credit

ARAB 201 - Intermediate Arabic I

Fall (4) Staff Prerequisite(s): ARAB 102 or consent of instructor
Continued training in grammar, reading, writing and aural-oral skills. An emphasis on standard Arabic. Introduction of the spoken idiom is continued from Arabic 102. Reading and discussion focuses on modern texts with introduction to Classical texts. All scheduled sessions associated with the course are required. For additional placement information, please see the Modern Languages and Literatures website.

ARAB 202 - Intermediate Arabic II

Spring (4) Staff Prerequisite(s): ARAB 201 or consent of instructor
Continued training in grammar, reading, writing and aural-oral skills. An emphasis on standard Arabic introduction of the spoken idiom is continued from Arabic 201. Reading and discussion focuses on modern texts with introduction to Classical texts. All scheduled sessions associated with the course are required. For additional placement information, please see the Modern Languages and Literatures website.

ARAB 290 - Topics in Arabic Dialects

Fall or Spring (3) Staff. Prerequisite(s): ARAB 102.
An introduction to one of the four major Arabic dialects (Maghrebi, Egyptian, Levantine, Iraqi) focusing on the differences between Standard Arabic and the colloquial in order to develop basic proficiency in that dialect. Conducted entirely in Arabic. Can be repeated for credit when topic (dialect) differs.

ARAB 291 - Clinics in Arabic Language and Culture

Fall and Spring (1) Staff Corequisite(s): ARAB 102 or ARAB 201 or ARAB 202 or ARAB 301 or ARAB 302 or ARAB 304 or ARAB 307 or ARAB 308
One-credit courses or "clinics" in Arabic language and culture which address important linguistic or cultural elements in Arabic, such as calligraphy, popular film, dialect comparison, reading with cases (for Quran and poetry in classical Arabic), etc. Students must have taken at least one course in Modern Standard Arabic (ARAB 101) and should be co-enrolled in an Arabic language class between Arabic 102 to Arabic 308.

ARAB 300 - Advanced Arabic Studies Abroad: Language, Literature, and Culture

Fall, Spring, or Summer (4) Staff
This number is intended for courses completed in an Arabic-speaking country. May be repeated for credit

ARAB 301 - Advanced Arabic I: Introduction to Arabic Literature and Society

Fall (3) Cherkaoui Prerequisite(s): ARAB 202 or consent of instructor.
Any student who has studied 3 years or more of Arabic as a first or second language or who has studied in an Arabic University in which the language of classes was in Arabic, will need the instructor's permission to enroll. Examination of issues facing modern Arab societies through reading/ viewing and discussion of articles, literary texts and audio-visual materials. Conducted entirely in Arabic. Weekly writing assignments.

ARAB 302 - Advanced Arabic II: Arabic Literature and Society

Spring (4) Cherkaoui Prerequisite(s): ARAB 301 or consent of instructor. *(ALV)*
Any student who has studied 3 years or more of Arabic as a first or second language or who has studied in an Arabic University in which the language of classes was in Arabic, will need the instructor's permission to enroll. Examination of issues facing modern Arab societies through reading/ viewing and discussion of articles, literary texts and audio-visual materials. Conducted entirely in Arabic. Weekly writing assignments.

ARAB 303 - Media Arabic

Fall (3) Eisele. Prerequisite(s): ARAB 302
This course, concentrating on Arabic as used in television and radio broadcasts, involves intensive listening exercises of authentic up to the minute materials (news broadcasts, interviews, documentaries, etc.) as well as some writing and speaking exercises. Conducted in Arabic.

ARAB 304 - Introduction to Arabic Dialects

Spring (3) Eisele. Prerequisite(s): ARAB 201
An introduction to Arabic dialects from a comparative perspective, including an overview of the general characteristics of the major Arabic dialects (phonological, morphological, & syntactic) as contrasted with Standard Arabic, followed by a concentration on two main dialect areas (Egyptian and Moroccan) to develop basic proficiency in these dialects. Conducted in Arabic.

ARAB 305 - Directed Readings in Arabic

Fall (3) Staff. Prerequisite(s): ARAB 302 or consent of instructor
This course is designed for students who are interested in pursuing the study of the Arabic language through in-depth readings in Arabic literature or other types of cultural expression.

ARAB 306 - Directed Readings in Arabic

Spring (3) Staff. Prerequisite(s): ARAB 305 or consent of instructor
This course is designed for students who are interested in pursuing the study of the Arabic language through in-depth readings in Arabic literature or other types of cultural expression.

ARAB 307 - Arab Civilization in Transition: Self, Culture, and Society in the Modern Period

Fall (3) Eisele. Prerequisite(s): ARAB 302 or consent of instructor
This course explores various themes pertinent to modern Arab political and sociological thought, using texts and audio as a basis for student writing, discussion and oral presentations. Themes may include: Islam and politics, women & gender, environmental issues, the role of politicians and intellectuals (Abd al-Nasser, Muhammad Abdo, Qasim Amin, Taha Hussein). The student will be expected to make analytical comments on the content of the material presented as well as to handle the language at a 300-level course (high intermediate to advanced). The overall goal of this content course is to prepare students for independent work in Arabic as they grow comfortable with more advanced texts and those taken directly from sources in the Arabic speaking world, such as news broadcasts or documentaries from Al-Jazeera, etc. The combination of textbook and supplemental materials provides this transition from "class work" to "real world."

ARAB 308 - Bridging Heritage and Modernity: Modern Forms and Classical Themes in Arabic Literary Writing

Spring (3) Eisele. Prerequisite(s): ARAB 302 or consent of instructor.
This course considers texts from a wide range of literary genres and themes from the Arabic-speaking world, including texts drawn from both the Arabo-Islamic tradition (al-turaath or "cultural heritage" texts), as well as from the modern period. The course will address the essential characteristics of literary forms, themes, schools, and genres in the Arabic tradition, emphasizing how these elements changed and evolved through time. Students will become familiar with both canonical and non- canonical Arabic writers in various genres, from classical times to the present. Emphasis will be on understanding both the underlying

cultural world views expressed in the texts as well as their artistic and aesthetic elements. All readings are in Arabic, and students are expected to develop their reading comprehension skills as well as their knowledge and understanding of Arabic literary forms and culture.

ARAB 309 - Survey of Arabic Literature in Translation

Fall or Spring (3) Staff (GER 4B)
A survey of Arabic literary tradition from the 7th century to the present, with a focus on continuity and change, influence, and major trends, themes and genres. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

ARAB 310 - Topics in Modern Arabic Literature in Translation

Fall or Spring (3) Staff (GER 4B)
An in-depth study of genre/theme in modern Arabic literature emphasizing the importance of literature as a representation of modern Arab culture and society. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. (May be repeated for credit when topic varies.)

ARAB 311 - Special Topics in Arabic Culture

Fall or Spring (3) Staff
This course will address specific issues relating to Arab culture and civilization as well as cross-cultural issues related to the interaction of this culture with other cultures. May be repeated when topic varies.

ARAB 401 - Classical Arabic Literature

Fall (3) Staff Prereq/Corequisite(s): ARAB 302 or equivalent
An introduction to the classical Arabic literary canon (al-turaath) conducted entirely in Arabic covering the major eras and genres of Arabic literature from the pre-Islamic period (6th century) until the 15th century.

ARAB 402 - Advanced Topics in Arabic Language, Culture, and Literature

Spring (3) Cherkaoui. Prerequisite(s): ARAB 306, ARAB 308 or equivalent *(ALV)*
Taught in Arabic. An in-depth study of a limited topic in Arabic language, culture, or literature. May be repeated for credit if topic varies

ARAB 411 - Independent Study

Fall and Spring (3) Eisele, Cherkaoui, Sheehi, Staff
This course is designed to permit in-depth study of Arabic texts in an area of language or literature not available in current course offerings. A written petition to the instructor and approval of the section coordinator are required before registration.

ARAB 412 - Teaching Practicum

Fall and Spring (1) Staff
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course. May be repeated up to a maximum of 4

Chinese Language & Culture

Faculty

Chancellor Professor

Y. Tang (Program Director)

Visiting Associate Professor

Hill (ACLS Fellow of Chinese Studies) (on leave 2016-2017)

Assistant Professor

Hui (on leave Fall 2016)

Visiting Assistant Professor

C. Lu

Visiting Instructor

L. Lu

Senior Lecturer

Q. Su

The Chinese Studies Program

More people in the world speak Chinese than any other language. In an increasingly integrated and globalized economy and political order, China and the U.S. have become inextricably linked in their common economic and political interests. Therefore, the U.S. government has identified Chinese as a "critical-need language" that is crucial to maintaining the interests of peace and prosperity both here and abroad.

However, China and its Sinophone communities around the world are also home to one of the longest continuing civilizations, a heritage that has been kept alive through a love of and reverence for received texts and culture. This engagement with tradition has contributed to an unbroken sense of cultural identity despite periods of war, foreign conquest and turmoil. China is thus an entryway to one of humanity's richest troves of cultural, literary and philosophical ideas, artifacts and debates.

Our undergraduate program in Chinese trains students in all levels of Chinese language so they can become proficient and freely use the language in conversation, research and professional communication. In addition, our content courses aim to immerse students in all facets of Chinese culture and civilization, both across the deep time of millennia and in the pressing challenges of the modern era. We believe that students who wish to engage with China, either economically, politically or academically, are best served when they have been trained in both language and culture.

Our undergraduate major has steadily grown with each passing year, and many of our students combine a concentration in Chinese with a major in another field, such as International Relations, Business, Government and the sciences. We also offer a minor, and many of our offerings fulfill requirements for the East Asian Studies major.

To broaden face-to-face cultural understanding, we facilitate study abroad programs to China for both the summer and the year. Our Chinese Language House, a residence for students interested in practicing Chinese year round, hosts a number of cultural events for the campus community at large.

We are a growing, vibrant and increasingly vital component of academic and cultural life here at William & Mary. We hope that you will join us for a rewarding period of study and mutual understanding.

Programs

Chinese Language and Culture, BA

Required Credit Hours:

A minimum of 30 semester credits must be distributed in the following manner:

1. Four Chinese language courses above the 200 level to be selected with approval of an advisor.
2. Four Chinese literature/culture courses to be selected with approval of an advisor.
3. CHIN 428: Advanced Seminar in Chinese Language, Culture or Literature (This course will satisfy the concentration writing requirement and the concentration computing requirement).
4. One course outside of the Department of Modern Languages and Literature to be selected with approval of an advisor.

All majors in Chinese are strongly encouraged to study abroad in a Chinese-speaking location after finishing CHIN 102 or CHIN 202.

Students will choose their major advisor from among the Chinese faculty when declaring their major in Chinese. The Chinese section actively supports faculty-mentored independent student research and strongly encourage majors to consider writing an honors thesis.

Chinese Language and Literature Minor

Required Credit Hours: 20 hours

Core Requirements:

Courses must be beyond the 202 level, no more than 6 hours of which may be taken in courses taught in English. No course for the minor may be taken pass/fail.

Course Descriptions

CHIN 100 - Big Ideas in Chinese Language & Culture

Fall or Spring (4) Staff. (College 100)
An exploration of significant questions and integrative concepts in Chinese Studies, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

CHIN 101 - Elementary Chinese I (Mandarin)

Fall or Summer (4) Su, Zhou
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required. CHIN101 is for students who have no Mandarin learning background. Heritage students should take CHIN 111 or CHIN 211. Students who studied Chinese before should consult Department of Modern Languages and Literatures Placement Guideline on the MDLL website before registering for classes. The department reserves the right to place any student in the course most appropriate for his or her skill level.

CHIN 102 - Elementary Chinese II (Mandarin)

Spring or Summer (4) Su, Zhou Prerequisite(s): CHIN 101 or consent of instructor
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

CHIN 111 - Chinese for Heritage Speakers

Fall (3) Yu
For beginning Chinese heritage learners students with basic oralaural skills, but cannot read or write. While focusing on reading and writing, it continues to provide training in listening and speaking. Interested students who are unsure about their language level are encouraged to consult with instructor before enrollment. The department reserves the right to place any student in the course most appropriate to his or her skill level.

CHIN 150 - First-Year Seminar

Fall or Spring (4) Staff (College 150)
An exploration of a specific topic in Chinese Language & Literature. A grade of C- or better fulfills the College 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

CHIN 180 - Chinese Calligraphy: Aesthetics and Practice

Fall or Spring (1) Staff
Introduces the art and practice of Chinese calligraphy. Consists of introduction on the history, principle and aesthetic values of Chinese characters and calligraphy and hand-on experience on brush writing. No knowledge of Chinese or calligraphy is required.

CHIN 200 - Chinese Studies in China I

Summer and Fall variable Staff Prerequisite(s): CHIN 102 and acceptance by Selection Committee
This number is intended for language courses completed in China. Intensive language training at the intermediate level. This course may be repeated for credit

CHIN 201 - Intermediate Chinese I (Mandarin)

Fall (4) Su Prerequisite(s): CHIN 102 or consent of instructor
Training in conversation, grammar, reading and elementary composition. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

CHIN 202 - Intermediate Chinese II (Mandarin)

Spring (4) Su Prerequisite(s): CHIN 201 or consent of instructor
Training in conversation, grammar, reading and elementary composition. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

CHIN 211 - Chinese for Heritage Speakers

Spring (3) Yu Prerequisite(s): CHIN 111 or consent of instructor
For students with basic oral-aural skills. While focusing on reading and writing, it continues to provide training in listening and speaking. Completion of this course satisfies language requirement.

CHIN 220 - Chinese Popular Culture

Fall or Spring (3) Hui (College 200, ALV, CSI, GER 4B, 5)
This course provides students with an in-depth exploration and study of the range of cultural forms that constitute Chinese popular culture spanning from the late-Imperial to contemporary periods. (This course is anchored in the ALV and CSI domains.)

CHIN 250 - Introduction to Chinese Cultural Studies

Fall or Spring (3) Hui (College 200, ALV, CSI, GER 5)
An introduction to methods, analysis, and sources in Chinese cultural studies, spanning a range of time periods and variety of aesthetic genres. Each course will focus on a central theme determined by instructor. (This course is anchored in the ALV and CSI domains.)

CHIN 280 - East Asian Cultures Through Film

Fall or Spring (3) Hui (College 200, ALV, GER 4B)
An introduction to East Asian cultures through the modern and contemporary film of China, Taiwan and Japan. The class takes a cross-cultural approach by looking at various social, political and cultural themes as they vary across time and across East Asian countries. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with JAPN 280)

CHIN 300 - Chinese Studies in China II

Summer and Fall variable Staff Prerequisite(s): CHIN 200 or CHIN 202 and acceptance by Selection Committee
This number is intended for courses completed in China. Intensive language training at the upper-immediate level. This course may be repeated for credit

CHIN 301 - Upper-Intermediate Chinese I

Fall (4) Yu Prerequisite(s): CHIN 200, CHIN 202 or consent of instructor
Continued training in conversation, grammar and composition with special emphasis on reading and writing. All scheduled sessions associated with the course are required.

CHIN 302 - Upper-Intermediate Chinese II

Spring (4) Yu Prerequisite(s): CHIN 200, CHIN 301 or consent of instructor
Continued training in conversation, grammar and composition with special emphasis on reading and writing. All scheduled sessions associated with the course are required.

CHIN 303 - Topics in Chinese Language, Civilization, or Literature

Fall or Spring (1-4) Staff
Topics in Chinese Language, Culture or Literature. Offered on campus or abroad either in English or Chinese. A systematic study of a major topic or theme in Chinese language, culture or literature that is not covered by regularly offered courses. May be repeated for credit if content is different

CHIN 308 - Directed Readings in Chinese

Fall or Spring (3) Staff Prerequisite(s): CHIN 300 or CHIN 302
This course is designed to train students' ability to interpret written Chinese through in-depth readings in Chinese literature and other types of cultural expression.

CHIN 309 - Survey of Chinese Literature in English

Fall or Spring (3) Tang (College 200, ALV, GER 4B, 5)
An introduction to major works of Chinese literature, including the Confucian classics, poetry, drama, short stories and novels, with emphasis on cultural and historical context. Students with advanced language skills, with the consent of instructor, may take

a 4th credit for reading and discussions (one additional hour per week) in the original language. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

CHIN 310 - Business Chinese

Fall (3) Staff Prerequisite(s): CHIN 200 and CHIN 202
Open to students who have taken two years of college-level Chinese. Course teaches special language skills for the business environment. Introduces students to the social and cultural values and customs of the contemporary Chinese business world.

CHIN 316 - Women and Love in Chinese Literature (In Translation)

Fall or Spring (3) Tang (ALV, GER 4B, 5)
This course examines the practice of love and gender relationships in pre-modern China with an emphasis on the presentation of women in literary texts. Readings vary in genres and are analyzed within their own cultural, historical, and philosophical context. (Cross listed with WMST 314-01)

CHIN 322 - Twentieth-Century Chinese Literature in English

Fall or Spring (3) Hui (College 200, ALV, GER 4B, 5)
A study of major 20th-century works, trends and movements. Pays special attention to the period from the end of the Cultural Revolution (1976) to present. Taught in English. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

CHIN 336 - Introduction to Classical Chinese

Fall or Spring (3) Tang Prerequisite(s): CHIN 202
This course introduces students to the basic syntax, grammar and vocabulary of Classical Chinese. Students will study abbreviated historical and philosophical narratives, set phrases (chengyu), poems, and short stories from the classical and medieval periods.

CHIN 360 - Introduction to Chinese Cinema

Fall or Spring (3) Hui (College 200, ALV, CSI, GER 4B, 5)
An introduction to Chinese cinema from its beginnings to the present day. Emphasis will be placed on Chinese cinemas relationship to popular culture, modernity and nationalism. (This course is anchored in the ALV and CSI domains.)

CHIN 386 - Art of Chinese Poetry

Fall or Spring (3) Tang (ALV)
This course examines the meaning and mode of expression of traditional Chinese poetry. Poems are read in their original language (with English annotations) and discussion is conducted in English. Proper for students who have completed one year of Chinese language study.

CHIN 400 - Chinese Studies in China III

Summer and Fall variable Staff Prerequisite(s): CHIN 300 or CHIN 302 and acceptance by Selection Committee
This number is intended for courses completed in China. Intensive language training at the advanced level. This course may be repeated for credit

CHIN 401 - Advanced Speaking I

Fall (3) Zhou Prerequisite(s): CHIN 300, CHIN 302 or CHIN 400

Intensive oral-aural training with emphasis on conducting effective communication in advanced spoken Chinese. Priority given to Chinese and East Asian Studies majors.

CHIN 402 - Advanced Speaking II

Spring (3) Zhou Prerequisite(s): CHIN 300 or CHIN 302 or CHIN 400 or CHIN 401
Continued Intensive oral-aural training with emphasis on conducting effective communication in advanced spoken Chinese. Priority given to Chinese and East Asian Studies majors.

CHIN 403 - Advanced Reading and Writing I

Fall (3) Staff Prerequisite(s): CHIN 300, CHIN 302 or CHIN 400
Intensive training in grammar and word usage with special emphasis given to formal journalistic, expository and literary discourse. Priority given to Chinese and East Asian Studies majors.

CHIN 404 - Advanced Reading and Writing II

Spring (3) Staff Prerequisite(s): CHIN 300, CHIN 302 or CHIN 400
Continued intensive training in grammar and word usage with special emphasis given to formal journalistic, expository and literary discourse. Priority given to Chinese and East Asian Studies majors.

CHIN 410 - Advanced Topics in Chinese Language, Civilization or Literature

Fall or Spring (3) Staff Prerequisite(s): CHIN 300, CHIN 302 or CHIN 400 or consent of instructor
An advanced study of a focused topic in Chinese language, civilization or literature. This course may be offered locally at the College or abroad in the Chinese Studies in Beijing Program. Course may be repeated for credit when topics differ

CHIN 411 - Independent Study

Fall and Spring (1-3) Hui, Su, Tang, Yu Prerequisite(s): consent of instructor
This course is designed to permit an in-depth study of the Chinese language or literature not available in current course offerings. A written petition to the instructor and approval of the department chair is required before registration. Course may be repeated for credit if topic varies

CHIN 412 - Teaching Practicum

Fall and Spring (1) Su
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course. May be repeated up to a maximum of 4 credits

CHIN 428 - Advanced Seminar in Chinese Language, Culture or Literature

Fall or Spring (3) Staff Prerequisite(s): consent of instructor
This capstone course guides students in conducting in-depth studies on issues in Chinese language, culture or literature and it requires students to complete an independent research project. Satisfies concentration computing requirement and concentration writing requirement.

CHIN 495 - Honors

Fall and Spring (3) Hui, Tang Prereq/Corequisite(s): Two other 400-level Chinese courses (401-410)
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

CHIN 496 - Honors

Fall and Spring (3) Hui, Tang Prereq/Corequisite(s): Two other 400-level Chinese courses (401-410)
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

French and Francophone Studies

Faculty

Compan (Director, French & Francophone Studies), **Fauvel** (Chair, Modern Languages & Literatures), **Hugonny** (Visiting Assistant Professor), **Kulick** (Associate Professor), **M. Leruth** (Associate Professor), **A. Leruth** (Senior Lecturer), **Pacini** (Associate Professor), **Rabalais** (Assistant Professor), **Vozel** (Lecturer)

The French and Francophone Studies Program

The French & Francophone program at the College of William & Mary provides students with a critical understanding of the rich and varied cultures of the French-speaking world. It exposes them to a life-changing experience through the intellectual and personal challenges of learning a different way of living and thinking. Solid linguistic competency in French and a critical understanding of Francophone cultures are indispensable for anyone who wishes to study the French-speaking world. In class and in our research, we analyze varied forms of cultural production and the ways in which they represent real-world struggles related to nation, gender, race, class, the environment, etc. Our courses prepare students to work in fields as diverse as international relation, medicine, business, law, journalism, finance, education, and the arts.

Thanks to the diversity of our faculty, their backgrounds and specializations, the French & Francophone Studies program offers a wide selection of courses that examine different periods and aspects of Francophone culture and literature from France, the

Indian Ocean, Africa, Vietnam, the Caribbean and North America. To foster an awareness of these different cultures, courses are taught in French and are interdisciplinary in approach.

Most students who major in French & Francophone Studies have a double major, such as International Relations, History, Government, English, Economics, or even Biology or Chemistry. In order to support students' interests and career goals, the French & Francophone Studies program works in close collaboration with faculty from other departments or programs- Africana Studies, Women's Studies, Art History, Anthropology, Film Studies, European Studies, Literary and Cultural Studies among others. Courses in other departments relating to French & Francophone issues can count towards a major in French & Francophone Studies.

Competency in French

Students majoring in Art and Art History, in the Social Sciences, or those who select an interdisciplinary program such as International Relations, European Studies, or Literary and Cultural Studies and who wish primarily to acquire competency in French will find a variety of French courses designed to give them the competency they seek. After having completed French 210 or 212 the following courses are recommended: 303*, 305, 306, 310, 314, 315, 361 or 362 or 363, 390 or 391, 393, 406.

Programs

French and Francophone Studies, BA

Required Credit Hours: 33

Core Requirements:

- FREN 305 - The Craft of Writing *(3)*

- FREN 314 - Introduction to French Cultural Studies *(3)* or
- FREN 315 - French Literature in its Cultural Contexts *(3)*

- FREN 450 - Seminar in French/Francophone Literature, Language, or Culture *(3)* (Satisfies the Major Writing Requirement and the Major Computing Requirement)

  Note: FREN 305, FREN 314, FREN 315, and FREN 450 must be taken on the WM campus.

Elective Credits:

24 elective credits from:

- FREN 210 - From Word to Text: An Introduction to Reading and Writing *(3)* or
- FREN 212 - Cross-cultural Perspectives on the Francophone World *(3)* (but not both)

- And courses at the 300 or 400-level in the French Section (including either FREN 314 or FREN 315).

  (Students cannot enroll in FREN 303 after they have completed 305 OR any other higher level FREN course.)

OR

A minimum of 15 elective credits from FREN 150, either FREN 210 or FREN 212 (but not both) and courses taken at the 300 and 400-level in the French Section, and up to 9 credits from courses taught in English, including College (COLL) courses, provided that these courses are relevant to French and Francophone studies, have been chosen in consultation with the major advisor, and have been approved by the French Section. No more than 9 credits from courses not taught in French shall be counted for the major.

All majors in French are strongly encouraged to include study abroad in a French-speaking location at some point in their undergraduate experience.

Students will choose their faculty advisor from among the French faculty when declaring their major in French. Students considering a career in teaching are strongly encouraged to consult with Professor Kulick when designing their major in French.

The French section actively supports faculty-mentored independent student research and strongly encourages qualified students to consider writing an honors thesis.

French and Francophone Studies, Minor

Required Credit Hours: 18

Core Requirements:

Students may not take FREN 386 as part of a minor in French.

- FREN 305 - The Craft of Writing *(3)*

- FREN 314 - Introduction to French Cultural Studies *(3)* or
- FREN 315 - French Literature in its Cultural Contexts *(3)*

  Note: FREN 305, FREN 314, FREN 315, and FREN 450 must be taken on the WM campus.

12 Additional Credit Hours:

Chosen from the following list:

- FREN 210 - From Word to Text: An Introduction to Reading and Writing *(3)* or
- FREN 212 - Cross-cultural Perspectives on the Francophone World *(3)* (but not both)

- And any course at the 300 and/ or 400 level

  (Students cannot enroll in FREN 303 after they have completed 305 OR any other higher level FREN course.)

Course Descriptions

FREN 100 - Big Ideas in French & Francophone Studies

Fall or Spring (4) Staff. (College 100)
An exploration of significant questions and integrative concepts in French & Francophone Studies, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

FREN 101 - Elementary French I

Fall and Summer (4) Staff
An introduction to the French language designed to develop basic communicative competence in speaking and writing skills, and basic listening and reading comprehension of cultural materials. Preliminary introduction to selected aspects of the Francophone world. Four class hours.

FREN 102 - Elementary French II

Spring and Summer (4) Staff Prerequisite(s): FREN 101
An introduction to the French language designed to develop basic communicative competence in speaking and writing skills, and basic listening and reading comprehension of cultural materials. Preliminary introduction to selected aspects of the Francophone world. Four class hours.

FREN 201 - Intermediate French I

Fall and Summer (4) Staff Prerequisite(s): FREN 102 or placement by Achievement Test score or by department
A review of basic French grammar through development of writing, speaking, comprehension and reading skills, with additional emphasis on cultural and literary readings. Four class hours.

FREN 202 - Intermediate French II

Spring and Summer (4) Staff Prerequisite(s): FREN 201 or placement by Achievement Test score or by department
Continued review of basic French grammar through development of writing, speaking and comprehension skills, with additional emphasis on cultural and literary readings. Four class hours.

FREN 206 - Upper-Intermediate Conversation

Fall, Spring or Summer (3) Staff Prerequisite(s): FREN 202 or placement by Achievement Test score or consent of instructor
A course beyond the College's foreign language requirement proficiency level stressing the cultural and linguistic notions of oral discourse in developing communicative ability in the language. Practice in simulated foreign cultural contexts through discussion and student presentations on themes in contemporary French life.

FREN 210 - From Word to Text: An Introduction to Reading and Writing

Fall and Spring (3) Staff Prerequisite(s): FREN 202 or placement by Achievement Test score or by department *(ALV, GER 5)*
Continued development of all four language skills, with a special emphasis on reading and writing. This course will incorporate work with applied grammar, interactive video, film, and French and Francophone literary readings.

FREN 212 - Cross-cultural Perspectives on the Francophone World

Fall and Spring (3) Staff Prerequisite(s): FREN 202 or placement by Achievement Test score or by department *(GER 4C) (ALV)*
An introduction to comparative cultural studies of the Francophone world. An exploration of the rich cultural exchanges among Francophone communities with an emphasis on their geographical, historical and social contexts. Sustained attention to oral and written expression.

FREN 299 - French Studies Abroad at the Upper Intermediate Level

Fall, Spring, or Summer (1-4) Staff Prerequisite(s): FREN 210 or FREN 212 and approval by department
This number is intended for courses completed in France or in a Francophone country. May be repeated for credit

FREN 300 - French Studies Abroad at the Advanced Level

Fall, Spring, or Summer (3-4) Staff Prerequisite(s): FREN 210 or FREN 212 and approval by department
This number is intended for courses completed in France or in a Francophone country. May be repeated for credit

FREN 301 - Life in Montpellier

Spring (1) Resident Director of the Summer in Montpellier, France Program
A one-credit required course designed for students enrolling in the W&M Summer in Montpellier Program. Provides historical and cultural background of the program site, introduces social, cultural, and political trends that inform life in France today and sensitizes students to the media of the region and nation. Taught in French by the Director during Spring semester prior to enrollment in Summer Program.

FREN 302 - Perspectives on Contemporary Society

Summer (4) Resident Director of the Summer in Montpellier, France Program
A required two-credit supervised research project organized around three themes: 1) the ways in which cosmopolitan and pluralist France addresses issues of diversity, 2) the importance of Europe in France today, and 3) the Southern French perspective regarding themes 1 and 2. In French, under the supervision of the Resident Director of the Montpellier Program.

FREN 303 - Themes and Issues in the French/ Francophone World

Fall and/or Spring (3) Staff Prerequisite(s): FREN 151 or FREN 210 or FREN 212 or placement by Achievement Test score, or by instructor's permission.
Each semester's chosen topic will be indicated in the schedule of classes.

FREN 304 - French Phonetics and Diction

Fall or Spring (3) Kulick Prerequisite(s): FREN 206 or FREN 210 or FREN 212 or FREN 303 or consent of instructor *(CSI)*
Intensive study of concepts in articulatory phonetics and phonology in modern standard French. Readings in phonetic theory. Diagnostic evaluation of each student's pronunciation. Corrective phonetics.

FREN 305 - The Craft of Writing

Fall and Spring (3) Staff Prerequisite(s): FREN 210 or FREN 212 or FREN 303 or FREN 151 *(ALV)*
Applied grammar and intensive written work. French 305 is a prerequisite for upper-level French courses.

FREN 306 - Advanced Conversation

Fall or Spring (3) Staff Prerequisite(s): FREN 210 or FREN 212 or FREN 303 , and FREN 206 (or consent of instructor)
Intensive oral-aural training, with class discussions and oral presentations focusing on relevant issues in contemporary French and francophone society and culture as presented in a variety of texts and media.

FREN 310 - French Cinema

Fall or Spring (3) Fauvel Prerequisite(s): FREN 314 or FREN 315 *(GER 4A)*
History of the French cinema, including an introduction to film technology and aesthetics. This course is taught in French. Two class hours, two laboratory hours.

FREN 314 - Introduction to French Cultural Studies

Fall and Spring (3) Staff Prerequisite(s): FREN 305 *(GER 4A, 5) (ALV)*
An introduction to the field of French Cultural Studies through the analysis of evolving constructs of French national identity.

FREN 315 - French Literature in its Cultural Contexts

Fall and Spring (3) Staff Prerequisite(s): FREN 305 *(ALV, GER 4A, 5)*
In addition to reading masterpieces from the French canon, this course will examine the material, social, legal, economic, and ideological forces that shaped France's literary culture over the centuries .

FREN 316 - The Middle Ages

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
A study of French literature up to 1500: representative works. (Most texts are read in modern French translation.)

FREN 318 - The Renaissance

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
A study of the major writers of the French Renaissance.

FREN 321 - The Spectacular Culture of Early Modern France

Fall or Spring (3) Pacini Prerequisite(s): FREN 314 or FREN 315
A history of theater and theatricality in France from the XVIIth to the XVIIIth centuries. Readings include critically acclaimed literary masterpieces, as well as essays that theorize the effects of theater on the evolution of moral, social, and political conventions.

FREN 331 - Topics in Eighteenth-Century French Literature and Culture

Fall or Spring (3) Pacini Prerequisite(s): FREN 314 or FREN 315
Studies in the literature, history and visual culture of eighteenth century France. Topics will vary. This course may be repeated for credit if topics differ

FREN 332 - Topics in Early Modern Literature and Culture

Fall or Spring (3) Pacini Prerequisite(s): FREN 314 or FREN 315
Studies in the literature, history and visual culture of early modern France. Topics will vary. This course may be repeated for credit if topics differ

FREN 341 - Romanticism as Revolution

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
This course will explore the multiple links between French Romanticism and the series of revolutionary upheavals that shook France beginning in 1789. Students will also discover the impact of this movement on subsequent literary and cultural trends.

FREN 342 - Inventing Modernity: Nineteenth-Century French Narrative

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
Why is the nineteenth century in France considered the Golden Age of the Novel? This course explores that question by focusing on how writers such as Balzac, Sand, Flaubert, and Zola used narrative in order to construct their own modernity.

FREN 350 - Modern French Poetry

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
From the post-romantic poets to the present with special emphasis on Baudelaire, the Symbolists and the Surrealists.

FREN 351 - Twentieth-Century French Literature I

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
A study of the principal novelists up to 1950: Colette, Gide, Proust, Sartre, Camus.

FREN 352 - Post-war, Post-modern, and Post-colonial

Fall or Spring (3) Fauvel Prerequisite(s): FREN 314 or FREN 315
A study of major post-World War II contemporary novelists and critics in relation to the political and social currents of the age from Camus, Robbe-Grillet, Butor to Duras and Modiano, Toussaint and Redonnet, with reference to critics such as Barthes, Foucault, Derrida, Cixous, and Said.

FREN 355 - Contemporary Women Writers and Movie Makers from the Francophone World

Fall or Spring (3) Fauvel Prerequisite(s): FREN 314 or FREN 315
Readings selected from French women writers and filmmakers of the 20th and 21st centuries. The course will focus in particular on feminist issues.

FREN 361 - Culture in Context 1: Art and Ideas

Fall or Spring (3) M. Leruth Prerequisite(s): FREN 314 or FREN 315 *(ALV)*
This course studies French artistic and intellectual production in its varied social contexts from the middle ages through the postmodern period.

FREN 362 - Culture in Context 2: The Republic

Fall or Spring (3) M. Leruth Prerequisite(s): FREN 314 or FREN 315 *(CSI) (ALV)*
This course studies the key role political institutions, geography, and representations of the past play in the formation of the French idea of nation in the republican era (1789-present).

FREN 363 - Culture in Context 3: Social Trends

Fall or Spring (3) M. Leruth Prerequisite(s): FREN 314 or FREN 315 *(CSI)*
This course studies contemporary French society, the historical origins of some of its most characteristic structures (e.g., institutions, representations, lifestyles), and the forces of change that have shaped it over the past twenty years.

FREN 385 - Francophone African Literature I (in French)

Fall or Spring (3) Compan Prerequisite(s): FREN 314 or FREN 315 *(ALV, GER 4B)*
This course explores the sub-Saharan African and Caribbean literature written in French that emerged in the French colonial period and continues in the post-colonial period. Major topics to be examined include Négritude and the rise of political consciousness, cultural conflict with the West, women's voices, Créolité, and postindependence literature.

FREN 386 - Francophone African Literature II (in English)

Fall or Spring (3) Compan
See course description for French 385. The works for French 386 will be read in English translation and will not duplicate those covered in French 385. This course cannot be included in the hours required for the major. (Cross listed with AFST 386.)

FREN 390 - Topics in French/Francophone Culture and Civilization

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
Topic will be indicated in the schedule of classes. Course may be repeated for credit if topic differs

FREN 391 - Topics in French/Francophone Literature

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
Topic will be indicated in the schedule of classes. Course may be repeated for credit if topic differs

FREN 392 - Topics in French Language

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
Topic will be indicated in the schedule of classes. Course may be repeated for credit if topic differs

FREN 393 - Topics in French/Francophone Cinema

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315
Topic will be indicated in the schedule of classes. Course may be repeated for credit if topic differs

FREN 394 - Topics in French & Francophone Studies (in English)

Fall or Spring (3) Staff
May be repeated for credit if topic is different.

FREN 406 - Contemporary Spoken French

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315, or consent of instructor
Intensive training in the contemporary French idiom.

FREN 408 - Comparative Stylistics and Translation

Fall or Spring (3) Staff Prerequisite(s): FREN 314 or FREN 315, or consent of instructor *(CSI)*
An intensive course in writing and language analysis. Basic concepts in stylistics applied to writing in French and to the problems of translation.

FREN 411 - Independent Study

Fall and Spring (1-3) Staff
This course is designed to permit an in-depth study in an area of literature culture or linguistics not available in current course offerings. A written petition to the instructor and approval of the section coordinator are required before registration. May be repeated for credit if topic varies

FREN 412 - Teaching Practicum

Fall and Spring (1) Staff
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course. May be repeated up to a maximum of 4 credits

FREN 413 - Field Research Abroad

Fall, Spring and Summer (6) Staff Prerequisite(s): 9 credits in French Studies at the 300 level
A mentored field research experience in French/Francophone culture conducted abroad. Project and related 50-page thesis developed in consultation with a university professor.

FREN 450 - Seminar in French/Francophone Literature, Language, or Culture

Spring (3) Prerequisite(s): At least 9 hours of 300 and/or 400-level French courses (generally FREN 305, FREN 314 and /or FREN 315, and higher, or consent of instructor)
Fulfills the Major Writing Requirement and the Major Computing Requirement.

FREN 495 - Honors

Fall, Spring (3) Staff Prerequisite(s): At least 9 hours of 300 and/or 400-level French courses (generally FREN 305, FREN 314, FREN 315, and higher), and French Section approval prior to registration
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs or the Charles Center website.

FREN 496 - Honors

Fall, Spring (3) Staff Prerequisite(s): At least 9 hours of 300 and/or 400-level French courses (generally FREN 305, FREN 314, FREN 315, and higher), and French Section approval prior to registration
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs or the Charles Center website.

German Studies

Faculty

Associate Professors

Campbell (Program Director), **Leventhal** (on leave 2016-17), **Taylor**

Visiting Assistant Professors

Gülly, **Jeltsch**, **Slodounik**

The German Studies Program

The German Studies Program at W&M offers German language, literature, philosophy, and cultural studies at the beginning, intermediate, and advanced levels, as well as several courses in German Studies taught in English translation, often cross-listed with Philosophy, History, Film and Media Studies, and European Studies.

The German Studies curriculum is designed to facilitate a wide range of research and study opportunities, from the introductory and intermediate study of German, to securing a deep understanding of the history of German literature, thought, and culture, and finally, to helping students formulate research questions and engage in independent scholarly work at an advanced level. At all levels, we stress linguistic and cultural competency as well as substantive historical content.

The German Studies Program at the College of William & Mary is particularly strong in Film Studies, 20th century literature and history, 18th century literature and history, the Weimar Republic and the rise of Nazism, German literature and the history of science, Detective Fiction, Post-War German literature, cinema, and culture, German critical thought and philosophy from the 18th century to the present, and responses to the Nazi Genocide of the Jews 1933-1945. Faculty closely mentor students on research projects and provide opportunities for actual research in the field. The program's scholarship closely reflects the kinds of research in German Studies currently conducted nationally and internationally in the discipline.

We strongly encourage our students to study in a German-speaking country. In the Study Abroad section of our website, you will find links to information about our summer and junior-year programs in Potsdam and Münster, Germany.

Programs

German Studies, BA

Required Credit Hours: 33

Core Requirements:

The German Studies concentration consists of 33 credits; 27 credits (nine courses) in German Studies plus 6 credits from outside the department (courses chosen in consultation with the Program Director). Of the courses taken in the German Studies Program, two may be taken in English. Students must also fulfill the major writing proficiency and major computing proficiency requirements, as defined below.

Required Courses: 7

- GRMN 207 - Introduction to German Cultural Studies *(3)*
- GRMN 320 - Modern German Literature 1750 to the Present *(3)*
- One additional 300-level course in German
    - Two 400-level courses (excluding GRMN 412 "Teaching Practicum") which may include independent research in German Studies (411, 491) or GRMN 495-496 (Honors). One of these 400-level courses must be taken at the College of William and Mary.
    - Two courses (6 credits) from outside the department chosen in consultation with the Program Director.

Elective Courses:

- 12 elective credits above GRMN 202, six credits of which (2 courses) may be in English (GRMN 220, GRMN 287, GRMN 312 GRMN 313, or GRMN 387).

Major Writing Proficiency:

Students will fulfill the major writing proficiency requirement by receiving a C or higher in any 300- or 400-level German Studies course taught in German.

Major Computing Proficiency:

Students will fulfill the major computing proficiency requirement by successfully completing GRMN 207 and one 400-level course.

Majors are strongly encouraged to take advantage of opportunities for study abroad in a German-speaking country. Courses taken in study abroad programs can count toward major requirements.

German Studies, Minor

Required Credit Hours: 18 Credits

Core Requirements:

(6 courses) or 18 credits above GRMN 202. Students must take GRMN 207 - Introduction to German Cultural Studies and GRMN 320 - Modern German Literature 1750 to the Present. Of the remaining 12 credits, at least two must be at the 300-level or above. One course may be taken in English.

The recommended sequence of courses for majors and for minors is indicated by the prerequisites given for each course. These prerequisites may be waived, however, provided the student receives consent to do so from the course instructor and the coordinator for German.

Course Descriptions

GRMN 100 - Critical Questions and Big Ideas in German Studies

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in German Literary and Cultural Studies and the Humanities for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word. Sample topics might include: Friendship, The Idea of Justice from Ancient Times to the Present, What is Literature?

GRMN 101 - Elementary German I

Fall (4) Staff
Training in grammar, pronunciation, listening, speaking, reading and writing skills. All scheduled sessions associated with the course are required.

GRMN 102 - Elementary German II

Spring (4) Staff Prerequisite(s): GRMN 101
Training in grammar, pronunciation, listening, speaking, reading and writing skills. All scheduled sessions associated with the course are required.

GRMN 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in German Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion. Sample topics might include: Responses to the Holocaust, Bombing Germany, The Fairy Tale, Expressionism in Literature, Art and Film.

GRMN 201 - Intermediate German I

Fall (4) Staff Prerequisite(s): GRMN 102 or equivalent
Training in grammar, pronunciation, listening, speaking, reading and writing skills. All scheduled sessions associated with the course are required.

GRMN 202 - Intermediate German II

Spring (4) Staff Prerequisite(s): GRMN 201 or equivalent
Readings of German cultural and literary texts. Training in pronunciation, speaking, listening comprehension, reading and writing. All scheduled sessions associated with the course are required.

GRMN 203 - Accelerated Intermediate German

Fall (4) Gülly Prerequisite(s): Consent of the instructor
An intensive course for heritage speakers and highly motivated students who have completed GRMN 102 or the equivalent and wish to master the material of GRMN 201 and GRMN 202 in one semester. Intermediate German grammar, pronunciation,

listening comprehension, reading and writing are all covered. Successful completion of GRMN 203 fulfills the College Foreign Language Proficiency Requirement.

GRMN 204 - Preparation for Study Abroad

Spring (1) Staff (ALV)
Includes practical training in everyday life skills, abroad cultural sensitivity and the ways to get the most out of study abroad. Required of all participants in William & Mary summer study abroad programs in German-speaking countries.

GRMN 205 - Reading German Children's Literature: Intensive Reading and Grammar Review

Fall (3) Staff Prerequisite(s): GRMN 202 or equivalent *(ALV, CSI)*
An intensive reading and grammar course focusing on canonical children's books including texts by the Grimms, Kaestner, Ende and others. Students will read several children's books, write short essays and give oral presentations.

GRMN 206 - Upper-lntermediate Conversation

Spring (3) Staff Prerequisite(s): GRMN 202 or equivalent *(ALV)*
A course beyond the College's foreign language requirement proficiency level stressing the cultural and linguistic notions of oral discourse in developing communicative ability in the language. Practice in simulated foreign cultural contexts through discussion and student presentations on themes in contemporary German life.

GRMN 207 - Introduction to German Cultural Studies

Fall (3) Campbell Prerequisite(s): GRMN 202 or equivalent *(College 200, ALV, GER 4A, 5)*
Introduction to the methodologies of German Studies. The course examines the construction of culture and the ways it is studied. Serves as an introduction to the major concentration in German Studies and as a prerequisite for 300-level courses. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

GRMN 210 - Topics in German Language

Spring (3) Staff Prerequisite(s): GRMN 205 or GRMN 206 or consent of instructor
Course may be repeated for credit when topics differ.

GRMN 220 - Survey of German Cinema. Taught in English

Spring (3) (ALV)
A chronological overview of the history of German cinema. Screenings outside of class. Lecture and discussion.

GRMN 221 - German Fairy Tales and National Identity

Spring (3) Staff
In English. An examination of the role of German fairy tales in the development of national identity in 19th Century Germany. Lecture and discussion.

GRMN 287 - Topics in German Studies (Taught in English)

Fall and Spring (3-4) Staff (ALV)
Students with advanced language skills, with consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. Course may be repeated for credit when topics differ.

GRMN 290 - Topics in German Studies

Fall, Spring, Summer (3) Staff Prerequisite(s): GRMN 202 or equivalent *(ALV)*
Taught in German. Topics will be indicated in the schedule of classes. Course may be repeated for credit when topics differ.

GRMN 306 - From Page to Stage

Fall (3) Gully Prerequisite(s): GRMN 207 or consent of instructor
In this course, we will read a handful of "classic" plays from German literary history, research the numerous and often controversial productions that these plays see even today, and realize how large of a presence the theater has occupied, and continues to occupy, in German cultural life and national identity. Careful analysis of historical context, dramaturgy, and the most important historical performances of the plays. An important component of this class will be your own performances and video tapings of select scenes, where alongside your analysis you will also hone your speaking and pronunciation skills. Authors may include Lessing, Goethe, Schiller, Kleist, Büchner, Wedekind, Schnitzler, von Horvath, Bauer, Bernhard. Conducted in German.

GRMN 307 - The German Speaking Peoples and Their Civilization

Fall (3) Staff Prerequisite(s): GRMN 206 or GRMN 207 *(ALV, GER 4A, 5)*
This course presents the most important elements of Germanic civilization and is designed as an introductory step to other 300-level courses. It includes illustrated lectures, readings and films.

GRMN 310 - Advanced German Grammar and Stylistics

Fall (3) Leventhal Prerequisite(s): GRMN 205 or GRMN 206 or GRMN 207 or consent of instructor
This is an advanced language course for students who wish to further and deepen their competency in German. Difficult aspects of syntax, semantics, and pragmatics will be covered. Advanced stylistics, levels of discourse, and methods of formulation will be practiced through close analysis of different types of texts and essay writing.

GRMN 312 - Modern German Critical Thought I: 1670-1830. (Taught in English)

Spring (3-4) Leventhal (ALV, GER 7)
Examination of important German philosophical texts 1670 - 1830, which address such questions as the public vs. the private, the validity of moral and aesthetic judgment, the claims of interpretation, and the nature of political power. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

GRMN 313 - Modern German Critical Thought II: 1830 to the Present. (Taught in English)

Fall (3-4) Leventhal (ALV, CSI, GER 7)
Examination of important German philosophical texts 1830 to the present which address such questions as the validity of moral and aesthetic judgment, the claims of interpretation, the nature of political power and the individual's relation to political power. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

GRMN 320 - Modern German Literature 1750 to the Present

Fall (3) Leventhal Prerequisite(s): GRMN 205 or GRMN 206 or consent of instructor. *(ALV, CSI, GER4A, 5)*
An introduction to German literary studies and the history of modern German literature from 1750 to the present through the close reading and analysis of selected texts in their historical-cultural contexts. Authors to be considered include Lessing, Schiller, Goethe, Hoffmann, Kleist, Büchner, Heine, Droste-Hülshoff, Hauptmann, Hofmannsthal, Kafka, Celan, Grass, and Bachmann.

GRMN 333 - Nature, Place and Heimat: the German Idea of Home

Fall, Spring (3) Staff Prerequisite(s): GRMN 205 or GRMN 206 or consent of instructor *(ALV, CSI)*

"Heimat "or "home" is a key concept in German-speaking culture, and one which, it is claimed, cannot be translated. This course will explore what Heimat can mean and how it is constructed. Themes will include provincial life, eco-literature and the German relationship to the forest, as well as the particularly German genres of Heimat literature, poetry and film.

GRMN 334 - The German City

Fall, Spring (3) Staff Prerequisite(s): GRMN 205 or GRMN 206 or consent of instructor. *(ALV)*
Thinking, imagining and filming the city requires preliminary theoretical work (Mumford, Lefebvre, Benjamin, Agamben). Each iteration of this course will then examine issues of politics, culture, race, gender, class, temporality, individuality, nationalism and national identity through an in-depth analysis of one or more cities.

GRMN 335 - Germans in Exile

Fall, Spring (3) Staff Prerequisite(s): GRMN 205 or GRMN 206 or consent of instructor *(ALV)*
In this course we will read selected texts about or from German artists, politicians and thinkers who lived and worked in exile. Each instructor will organize the course around certain groups of exiles and/or specific questions raised by exile.

GRMN 386 - Literature, Science, and Culture in Germany, 1700-1850

Fall (3) Leventhal Prerequisite(s): Sophomore standing. *(College 200, ALV)*
This course deals with the emergence of the life sciences and the "sciences of man" (anthropology, philology, and political economy) in German speaking territories at the end of the 18th and beginning of the 19th century, and the differentiation of such disciplines as zoology, biology, botany, physiology, comparative anatomy and chemistry from "natural history and philosophy." While the human and life sciences are given special emphasis, the developments in math and physics (Bernoulli, Euler) in this era will also be studied. (This course is anchored in the ALV domain, and also considers aspects of the CSI and NQR domains.)

GRMN 387 - Topics in German Studies. (Taught in English)

Fall and Spring (3-4) Staff
Topic will be indicated in the schedule of classes. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hours per week) in the original language. Course may be repeated for credit when topics differ.

GRMN 390 - Topics in German Studies. (Taught in German)

Fall and Spring (3) Staff
Taught in German. Topic will be indicated in the schedule of classes. Course may be repeated for credit when topics differ.

GRMN 391 - Independent Research Abroad

Fall and Spring (3-4) Prerequisite(s): GRMN 102
Independent research conducted abroad, either independently, or on a study-abroad program. May be repeated if research theme is different

GRMN 408 - Senior Seminar in German Studies

Spring (3) Staff Prerequisite(s): GRMN 207 and GRMN 307
This course is intended to serve as the capstone experience in the German Studies major. Each seminar is organized around a specific topic (Humor in German Literature, German Women Writers, etc.) which will change each year, and students will write and present individual research projects related to the seminar theme. Qualified non-seniors may take the course with permission of the instructor. Course may be repeated for credit when topics differ.

GRMN 409 - Advanced Topics in German Studies. (Taught in English)

Fall and Spring (1-4) Staff
Taught in English. Topic will be indicated on the Schedule of Classes, and will vary. Course may be repeated for credit when topics differ.

GRMN 410 - Topics in German Studies (Taught in German)

Fall (3) Staff Prerequisite(s): One 300-level course in German literature or culture. Course may be repeated for credit when topics differ.

GRMN 411 - Independent Study

Fall or Spring variable Staff Prereq/Corequisite(s): Two other 400-level German courses (401-410) or consent of instructor *(ALV)*
This course is designed to permit an in-depth study in an area of literature not available in current course offerings. A written petition to the instructor and approval of the Coordinator for German are required before registration. Course may be repeated for credit when topics differ.

GRMN 412 - Teaching Practicum

Fall and Spring (1) Staff (ACTV)
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course.

GRMN 417 - German Detective Fiction

Fall (3) Campbell Prerequisite(s): GRMN 300 level course or consent of instructor *(ALV)*
This is an advanced seminar that investigates both the theory and the genre of detective fiction in the German-speaking world and exposes the student to specific practices and methodologies of German Studies. Authors to be discussed include Dürrenmatt, Brecht, Biermann, Arjouni, Gercke, Rüster, and others.

GRMN 420 - The Enlightenment in Germany

Fall/Spring (3) Leventhal Prerequisite(s): A GRMN 300-level class or consent of instructor *(ALV)*
What was the German Enlightenment, and how did it differ from its European counterparts? How did key Enlightenment figures seek to unify science, religion, aesthetics, politics and morality? Readings from Leibniz, Wolff, Thomasius, Mendelssohn, Nicolai, Lessing, Herder, Kant as well as the critical reception by Marx, Hegel, Adorno and Habermas.

GRMN 421 - The Turn of the Century: Vienna and Berlin

Fall/Spring (3) Prerequisite(s): A GRMN 300-level class or consent of instructor *(ALV)*
An investigation of Berlin and Vienna at the turn of the 19th century, with a focus on the notion of the modern. Readings of literary texts, dramas, art movements and scientific/philosophical movements.

GRMN 422 - The Weimar Republic

Fall/ Spring (3) Campbell, Taylor Prerequisite(s): A GRMN 300-level class or consent of instructor
What was the Weimar Republic, and why did it ultimately fail? This course offers a close look at Germany in the 1920's through reading the works of writers, artists, journalists and filmmakers from the only German republic before Nazism.

GRMN 423 - The GDR and the Unification of Germany

Spring (3) Staff Prerequisite(s): A GRMN 300-level class or consent of instructor
This class investigates the former German Democratic Republic and the unification of the two Germanies as they are represented in official government publications as well as in literature and film. Readings include texts by Christa Wolf, Stefan Heym and films such as 'Run, Lola Run' and 'Good-Bye, Lenin.'

GRMN 424 - The Holocaust in German Literature and Film

Fall (3) Staff Prerequisite(s): A GRMN 300-level class or consent of instructor *(ALV)*
How is the Holocaust represented in German literature and film? Is this a Jewish or a German story? How do German Jews and non-Jews write about it? We will read several important literary texts, poems and films which attempt to work through this terrible period in German history.

GRMN 491 - Advanced Independent Research Abroad

Fall and Spring (1-3) Staff
Advanced independent research conducted abroad, either independently, or on a study-abroad program May be repeated if research theme is different.

GRMN 495 - Honors

Fall and Spring (3) Staff Prereq/Corequisite(s): Two other 400-level German courses (401-410)
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs

GRMN 496 - Honors

Fall and Spring (3) Staff Prereq/Corequisite(s): Two other 400-level German courses (401-410)
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs

Hispanic Studies

Faculty

Hispanic Studies Faculty

Professors

Cate-Arries (Associate Chair, Faculty Affairs), **Root**, **Stock** (Film & Media Studies and W&M Libraries Faculty Scholar)

Associate Professors

Arries, **Buck**, **Longo** (on leave fall 2016), **Riofrio** (on leave fall 2016), **Tandeciarz** (Program Director)

Assistant Professors

Terukina

Visiting Assistant Professors

Baker, **Melo-Vega**, **Sanchis-Sinisterra**

Lecturer

Carrión

Visiting Instructors

Lontor

The Hispanic Studies Program

Our approach to Hispanic Studies transcends the traditional course of Spanish studies that are limited to only literature and language. Our faculty believe that it is through the study of diverse forms of cultural production (film, art, popular culture, journalism) that students become fluent and learn about significant political and historical events, complex socio-cultural issues, and community engagement. All Hispanic Studies majors complete a mentored field research experience in Hispanic culture that is linked to the curriculum. This practicum may be tied to service-learning, study abroad, an internship, and is always scholarly in nature.

Our program also offers opportunities for students to conduct research abroad through our faculty-led summer program in Cadiz, Spain. Students develop projects supervised by W&M faculty and take courses at a local university.

Additionally, students may participate in faculty-led summer programming, such as the pilgrimage along Spain's famed Camino de Santiago or enroll in a service-learning course in Teaching English in elementary schools in Nicaragua and design service-learning projects. There are two semester-long William & Mary programs in Seville, Spain, and La Plata, Argentina that offer internships or service-learning along with courses in literature, art, contemporary culture, and language.

Major in Hispanic Studies

Students may declare a major at W&M after completion of 39 credit hours. To declare a Hispanic Studies concentration (major), you should download a Declaration of Major Form and request a meeting with the Hispanic Studies professor you would like to serve as your advisor. Prior to your advising meeting, complete the first page of the major form. Your professor will assist you in completing the rest of the form and sign off on your academic plan of study. You will then turn in the completed copy to the Office of the Registrar, Blow Hall.

Many Hispanic Studies concentrators declare two majors, often combining their Spanish language skills and their research background in the area of Hispanic literary and cultural studies with a second major in the sciences, social sciences, business, education, or international relations. Such combinations prove to be particularly useful for our students - well-trained in linguistic proficiency and cultural competency - who are interested in careers related to global markets, public service in either government-sponsored or NGO programs, the fine arts, teaching and research, law, and medical and health-related fields.

Programs

Hispanic Studies, BA

Hispanic Studies is an issues-based, interdisciplinary curriculum that seeks to make students proficient in the Spanish language and in the analysis of Hispanic cultures. All courses are taught in Spanish unless stated otherwise.

Required Credit Hours: 33

Core Requirements:

- HISP 280 - Introduction to Hispanic Studies *(3)* or
- HISP 281 - Introduction to Hispanic Studies *(3)*

- 15 credits of Hispanic Studies courses above the 281 level
- 6 credits of Hispanic Studies 400-level research courses, taken on campus (excluding HISP 498)

Practicum

Fulfilled through a specific course with a field experience in:

- HISP 386 - Issues in Spanish Culture: On-Site Research *(1-3)*
- HISP 399 - International Service-Learning Seminar & Internship *(1-4)*
- HISP 498 - Internship *(1-4)*

  or
- Through an alternative mentored field experience (HISP 400) selected after consultation with advisor.

Elective Credits:

Up to 9 of the credits may include, if the student desires, the following courses:

- HISP 208 - Fundamentals of Literary Criticism *(3)*

  (must be completed before the end of the sophomore year)
- Approved study abroad courses taught in Spanish at the 300 and 400-levels, in disciplines covering topics related to the Spanish-speaking world
- Upper-division courses taught in interdisciplinary programs by Hispanic Studies faculty that engage students in analyzing cultural representation related to the Spanish-speaking world.
- HISP 498 - Internship *(1-4)*

Major Writing and Computing Requirement:

- Any Hispanic Studies 400-level research course, taken on campus (excluding HISP 498)

Hispanic Studies, Minor

Required Credit Hours: 21

Core Requirements:

Courses to be chosen from courses numbered 208 and above, with the exception of HISP 389. HISP 151 may also count towards the minor.

Course Descriptions

HISP 101 - Elementary Spanish I

Fall and Summer (4) Staff
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

HISP 102 - Elementary Spanish II

Spring and Summer (4) Staff Prerequisite(s): HISP 101
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

HISP 103 - Accelerated Spanish 1

Fall, Spring (4) Staff
This course combines HISP 101 and 102. For students who completed Spanish 1 in high school or who have studied another foreign language. Skill development in listening, speaking, reading and writing in the context of Hispanic cultures. Prepares students for HISP 203 in the spring, or for HISP 201 and 202 in the summer.

HISP 201 - Intermediate Level Spanish I

Fall and Summer (3) Staff Prerequisite(s): HISP 102 or placement by SAT II Test score or 2 years of high school Spanish
A review and continuation of the study of Spanish grammar, incorporated with the continued development of reading, writing, speaking and comprehension skills.

HISP 202 - Intermediate Level Spanish II

Spring and Summer (3) Staff Prerequisite(s): HISP 201 or 3 years of high school Spanish
A review and continuation of the study of Spanish grammar, incorporated with the continued development of reading, writing, speaking and comprehension skills. Selected readings from Hispanic Literature. Students who have completed 4 or 5 years of high school Spanish may not take HISP 202 for credit.

HISP 203 - Accelerated Spanish 2

Spring (4) Staff Prerequisite(s): HISP 102 or 103. or 2 or 3 years of high school Spanish
This accelerated course continues the focus in HISP 103 on the study of Hispanic cultures and the development of listening, speaking, reading and writing in Spanish. Students who complete this course fulfill the College's Foreign Language Proficiency Requirement. Spanish 203 is the equivalent of Spanish 201 and 202 and therefore will not count as one of the three courses above the level of 202 required for a major in International Relations.

HISP 206 - Upper-lntermediate Conversation

Fall or Spring (3) Staff Prerequisite(s): HISP 202 or equivalent, placement by SAT II Test score or consent of instructor *(ALV)*
A course beyond the College's foreign language requirement proficiency level. Stresses the cultural and linguistic notions of oral discourse in developing communicative ability in the language. Practice in simulated foreign cultural contexts through discussion and student presentation on themes in contemporary Hispanic life.

HISP 207 - Cross-Cultural Perspectives: The U.S. and the Spanish speaking World

Fall and Spring (3) Staff Prerequisite(s): HISP 202 or equivalent *(ALV, GER 4C)*
An introduction to the Hispanic cultures of Latin America, Spain and the United States that stresses oral and written discourse and grammatical and cultural competence. Practice in the writing of analytical essays on cultural themes.

HISP 208 - Fundamentals of Literary Criticism

Fall and Spring (3) Staff Prerequisite(s): HISP 202 or equivalent *(ALV, GER 5)*
An examination of selections of Hispanic literature to develop an understanding of methods of evaluating literary works.

HISP 280 - Introduction to Hispanic Studies

Fall or Spring (3) Staff (College 200, ALV, GER 5)
This course provides an overview of the field of Hispanic Studies through an examination of film, literature, visual arts and other forms of cultural production. Lectures in English. Discussion sections in English. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

HISP 281 - Introduction to Hispanic Studies

Fall and Spring (3) Staff Prerequisite(s): HISP 207 or HISP 208 *(College 200, ALV, GER 5)*
This course provides an overview of the field of Hispanic Studies through an examination of film, literature, visual arts and other forms of cultural production. Lectures in English or Spanish. Discussion sections in Spanish. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

HISP 287 - Introduction to Spanish Phonetics

Fall or Spring (3) Arries, Staff Prerequisite(s): HISP 207 or more advanced HISP course. *(ALV, CSI)*
An introduction to the Spanish sound system. Students learn phonetic transcription, analyze and improve their accent, study regional variants of Spanish, and learn poetry for performance. Fulfills a requirement for Spanish teacher certification and the TESL/TEFL minor. Not available to students who have studied Spanish phonetics abroad.

HISP 290 - Sophomore Seminar: Topics in Hispanic Studies

Fall and Spring (3) Staff Prerequisite(s): HISP 281
In this reading and writing intensive course in Spanish, sophomores examine a topic of key significance for the Spanish-speaking world. Emphasis on developing critical, linguistic, and cultural competencies necessary for advanced work in Hispanic literary and cultural studies. Strongly recommended for HISP majors. Restricted to sophomores.

HISP 300 - Studies in Global Education Programs

Summer, Spring, Fall (1-4) Staff Prerequisite(s): HISP 202 or approval of Selection Committee
Hispanic studies in the William & Mary global education programs. Course may be repeated for credit if the topic changes

HISP 303 - Latin American Literature of the Colonial Period

(3) Staff Prerequisite(s): HISP 151, HISP 208 or HISP 281
Survey of Latin American literature from its beginnings to the end of the colonial period. Transfer or study abroad credit only.

HISP 305 - Advanced Composition and Grammar

Fall and Spring (3) Staff Prerequisite(s): HISP 207 or placement by Advanced Placement score or 5 years of high school Spanish *(ALV)*
Intensive practice of registers and styles of Spanish prose composition with a review of grammar and syntax.

HISP 306 - Advanced Conversation

(3) Staff
Intensive oral-aural training with special attention to the Hispanic cultural context. Advanced training in the spoken language that builds upon skills acquired in HISP 207.

HISP 307 - Spanish for Specific Purposes

Fall or Spring (1-4) Staff. Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor.
Development of speaking skills in a specific field: medicine, education, law, community interpretation. Acquisition of vocabulary, cross-cultural communication, ethics of interpretation. Assessment based on recorded performance, tests & essays. Taught on campus; requires site visits off campus, possible internship. Course may be repeated if topic varies.

HISP 308 - Cultural History of Spain

(3) Staff Prerequisite(s): HISP 207, HISP 208 or HISP 281
A survey of artistic and literary trends as they relate to the history of Spain.

HISP 320 - Topics in Hispanic Cinema

Fall or Spring (3) Staff Prerequisite(s): HISP 280 or HISP 281
In this introduction to Hispanic cinema, students learn the basics of film language and methodology through the study of film in national and/or transnational context. Readings on film theory, criticism, and cultural history inform case studies drawn from Spanish, Latin American, and/or U.S. Latino traditions. May be repeated for credit if topic varies

HISP 321 - Cultural Studies Criticism Through Poetry and Photography

Fall or Spring (3) Tandeciarz, Staff Prerequisite(s): HISP 280 or HISP 281
An introduction to cultural studies critical methodologies through the study of poetry and photography. Course materials include photographic essays and poetry addressing issues central to Latin American, Spanish, and U.S. Latino production, and a number of short fictions and theoretical readings that examine the relationship between visual and narrative culture.

HISP 322 - Issues in Mexican Culture

Spring (3) Longo, Staff (ALV)
This course analyzes border issues, local/global markets and national/ regional identities. It focuses on the negotiation of power in relation to these themes. Students analyze texts by authors whose works address Mexican culture from the colonial period to the present although contemporary culture is emphasized.

HISP 323 - Issues in Mexican Culture: On-Site Research

Summer (1-3) Staff Prerequisite(s): HISP 280 or HISP 281
Students construct a research project on Mexican culture as part of the W&M summer study program in Mexico. Satisfies the Hispanic Studies practicum.

HISP 324 - Medieval and Early Modern Hispanic Literature

Fall or Spring (3) Greenia, Staff Prerequisite(s): HISP 280 or HISP 281 *(ALV)*
Interdisciplinary introduction to foundational Hispanic texts (Middle Ages to 1500), focusing on representations of epic heroism and chivalric adventure, witchcraft and misogyny, the wisdom literature of Jewish and Muslim societies, and the functions of religion.

HISP 325 - Topics in Hispanic Cultural Studies

Fall or Spring (3) Staff Prerequisite(s): HISP 280 or HISP 281
Prepares students for HISP courses numbered 360 and above. Focus on close reading of a variety of texts (literary, visual, etc.) about a specific theme, critical analysis of scholarship, and the use of cultural studies theory in formal oral presentations and academic writing.

HISP 330 - Creative Writing in Spanish: Poetry Workshop

Spring (3) Tandeciarz, Staff Prerequisite(s): One HISP course numbered 300 or above or consent of instructor. *(ACTV, GER 6)*
In this poetry writing workshop taught in Spanish, students gain exposure to a variety of poetic traditions while developing their creative writing abilities through experimentation and critique.

HISP 360 - Cultural Constructions of the Environment in Latin America

Spring (3) Staff Prerequisite(s): HISP 280 or HISP 281
Turning to legends, photography, film and fiction, this course explores how Latin American authors, filmmakers and artists imagine the environment and intervene on its behalf. Topics examined include the interrelationship between nature writing and spirituality; the transformation of external landscapes into psychological terrain (the Amazon, the Andes, the desert of Atacama); the representation of bureaucracy and other consequences of development; material consumption and the removal of nature. Select regions within Latin America and the United States will be highlighted in order to focus the discussion on specific literary and ecological issues.

HISP 361 - Life on the Hyphen

Fall or Spring (3) Tandeciarz, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
In an era of increasing globalization, the "border" experience is becoming more and more widespread. Migration, exile, and the relocation of cultural groups for economic or political reasons are common occurrences that have led to the creation of what some critics have called "border cultures." This course examines the cultural production generated by different kinds of border crossings. In addition to national borders, it engages the role of linguistic, ethnic, sexual, cultural, and economic borders in the creation of Latin American, Latino, and American identities.

HISP 374 - Imagining the Spanish Transatlantic Empire: Early Modern Hispanic Culture (1492-1700)

Fall or Spring (3) Terukina, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
An introduction to the Spanish empire as "imagined" in the early modern period. We examine cultural artifacts (novels, theatrical representations, chronicles, etc.), the ideological foundations upon which the Spanish empire legitimizes itself, and investigate the subordinating representation of women, Muslims/moriscos, indigenous peoples, and their dissent and resistance.

HISP 376 - W&M in Spain: Preparing the Research Project

Spring (1) Cate-Arries, Buck Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
1-credit requirement designed for students who have been accepted into W&M's summer program based in the seaside city of Cadiz. Provides historical and cultural background of program site. Introduces social and political issues of today's Spain. Students will develop working proposal for the research project they will conduct on-site. Prerequisite for HIST 386.

HISP 380 - Cultural Transformation in Cuba and Puerto Rico

Fall or Spring (3) Stock, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
The course examines the relationship between expressive culture (literature, film, popular music) and the formation of cultural identity in two contexts: Cuba and Puerto Rico. (Cross-listed with LAS 380)

HISP 383 - Issues in Visual Culture

Spring (3) Stock, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Hispanic visual culture located itself on a series of borders where national cultures meet, forms (film, photography, painting, advertising) are fused, and images engage with their creation and exhibition contexts. Emphasis on representation, interpretation and identity construction.

HISP 384 - Landscapes of Spain: Real Places, Imagined Spaces

Spring (3) Buck, Cate-Arries, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(GER5)*
This survey course explores how Spanish writers and artists from the 18th century to the present inscribe place (literary landscapes, imagined spaces, geographical locations) according to changing concepts of Spanish history, cultural identity, and modes of representation.

HISP 385 - Modern Spanish Culture: The Politics of Identity

Fall (3) Buck, Cate-Arries, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
This course explores how the sites of Spanish culture (monuments, canonical works of art, literature, music, political/cultural heroes, iconic historical events) tell the story of Spanish history, encode national myths, or may be subverted to express marginalized/alternative forms of identity.

HISP 386 - Issues in Spanish Culture: On-Site Research

Summer (1-3)
Students conduct a research project on Spanish culture as part of the W&M summer program in Cádiz or semester program in

Sevilla; or as part of a W&M faculty-mentored fieldwork activity in other Spanish locales. Taught in Spanish. Satisfies the Hispanic Studies practicum requirement.

HISP 387 - Topics in Linguistic Research

Fall or Spring (3) Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
An in-depth study of selected topics in linguistic research in Hispanic Studies, with explicit attention to expressive culture, to explore national, regional or other identities. Sample topics: dialectology, discourse analysis, ethnography of communication, pragmatics, sociolinguistics. Fulfills a requirement for teacher certification and the TEFL/TESL minor.

HISP 388 - The Art of Spanish Text Translation

Spring (3) Arries Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
A study of translation methods and theory applied to literary, technical and commercial texts. Students will engage in class discussions, group problem-solving exercises, independent work and design a portfolio as major course components.

HISP 389 - Topics in Hispanic Studies in English

Fall and Spring (1-3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
An examination of issues within an interdisciplinary context. Topics and texts relevant to Spanish, Latin American and/or U.S. Latino context/s. Taught in English. May be repeated for credit if topic varies

HISP 390 - Topics in Hispanic Studies

Fall and Spring (1-4) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
An examination of issues within an interdisciplinary context. Topics and texts relevant to Spanish, Latin American and/or U.S. Latino contexts. May be repeated for credit if topic varies

HISP 391 - Masterworks: Issues in Canon Formation

Fall and Spring (3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
This course addresses the works of canonical writers (may include, e.g. Cervantes, Galdos, Borges, Garcia Marquez, etc.). The theoretical perspectives presented are driven by the interdisciplinary concerns that reflect current scholarship in Hispanic Studies, including the role of cultural 'masterpieces' in the creation of community, the role of the market in canon formation (what sells? where? why?), and the relationship between social movements, literacy, and canonical literature. May be repeated for credit if topic varies

HISP 392 - Special Themes in Hispanic Studies

Fall and Spring (1-4) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Themes in Hispanic cultural production. May be repeated for credit if theme changes

HISP 394 - Fashioning the Nation

Fall or Spring (3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Following the retreat of Spanish colonialism, material culture served to identify competing ideologies at a decisive moment of political change. In canonical and newly appreciated texts, popular culture helped configure ideals for citizenship during the nation building process throughout Latin America. Foundational images and texts continue to transmit powerful messages even though some have also undergone radical transformations. Exploring social constructs in fiction, fashion magazines, conduct manuals and other texts, this course analyzes the postcolonial "crisis of origins," the design of alternate political identities, the "civilization and barbarism" dichotomy, the reconstruction of history, and the representation of popular culture.

HISP 399 - International Service-Learning Seminar & Internship

Fall, Spring, Summer (1-4) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Service-learning course coordinated by Hispanic Studies sponsoring faculty and on-site internship supervisors for W&M Sponsored semester/summer programs in Spain and Argentina. May also be completed in other Spanish speaking countries when W&M faculty teach the course. Readings; journal writing; volunteer placements. Satisfies the Hispanic Studies Practicum requirement. May be repeated for credit if different site.

HISP 400 - Practicum

Fall and Spring 0 Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
A mentored field research experience in Hispanic culture, conducted at home or abroad; developed in consultation with HISP professor. HISP 400 required of all HISP majors who choose to satisfy practicum requirement other than through completion of either: HISP 386 or HISP 399. Students register for HISP 400 the semester they will complete and disseminate the results of the project.

HISP 401 - Medieval Spanish Literature

(3) Greenia Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Spanish literature and cultural context from the 13th century and Cantar de mio Cid through Celestina. Study of representative works.

HISP 402 - Cervantes

(3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Analysis of Cervantes' major works with particular emphasis on the Quijote and the Novelas ejemplares.

HISP 403 - Spanish Literature of the Golden Age

(3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Prose, poetry and drama of the 16th and 17th centuries from Garcilaso de la Vega to Calderon de la Barca. Study of representative works.

HISP 412 - Teaching Practicum

Fall and Spring (1-2) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course. May be repeated up to a maximum of 4 credits.

HISP 413 - Contemporary Spanish Literature (1936-Present)

(3) Buck, Cate-Arries Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
A study of the poetry, prose and drama of representative post-Civil War writers.

HISP 417 - Hispanic Cinema

(3) Stock Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
A study of the cultural and political developments in 20th- Century Latin America through the medium of film. The course will address film's relation to literature, art, history and politics.

HISP 478 - Pedagogy and Culture in Latin America

Fall or Spring (3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
During the colonial period, members of the elite intellectual class configured the predominantly urban institutions of Latin America. This course studies colonial Spanish American texts that simultaneously reflect on and unmask the privileged discourse of the lettered city. Grounded in literature, film, cultural theory and history, this course uncovers the politics of education and dynamics of everyday life in the Americas as it relates to the framing of early human rights concerns, debates regarding the status of women, the formation of pre-national identities, and postcolonial continuities contested by liberatory pedagogies advocating transformative social change.

HISP 480 - Cultures of Dictatorship

Fall (3) Tandeciarz, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
This course addresses the impact on cultural production of recent dictatorial regimes in Argentina, Chile and Uruguay. Includes study of literature, film and testimonio, historical documents and art.

HISP 481 - Local and Global Issues in 20th Century Poetry

Fall (3) Longo, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
An analysis of the ways in which Latin American and U. S. Latino poetry inform our understanding of the 20th century. Emphasis on the relationship between local production and global consumption of culture, especially poetry.

HISP 482 - Love and Prostitution in Medieval Spain

Fall (3) Greenia, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
The two most dangerous inventions of the Middle Ages are said to have been romantic love and gunpowder. This course explores women as objects of love, facilitators of frontier conquest, faithful wives and sometimes wayward women.

HISP 483 - Issues in Farmworker Culture

Spring (3) Arries Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Students apply theory to the analysis of literature, film, and photography about migrant farmworkers and farmworker movements. A field trip to the Eastern Shore is required; enrollment in HISP 392 Medical Interpretation (1 credit) to prepare for a summer externship is optional.

HISP 484 - Gender Issues in Hispanic Culture

Fall or Spring (3) Buck, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor *(ALV)*
This course examines the construction and representation of femininity, masculinity, and alternative sexualities in Hispanic cultural production. Texts include film, novels, poetry, and visual arts.

HISP 485 - Post-Franco Literature and Culture

Fall or Spring (3) Buck, Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
This course examines cultural change in Spain in the 30+ years since the death of Francisco Franco. Issues include construction and representation of national and regional identity, gender, and cultural movements in film, journalism, museums, novels, poetry and visual arts. The course content includes writing by Marias, Gaite, Diaz Mas and Munoz Molina.

HISP 486 - Spanish Language Epic and Nationalism

Spring (3) Greenia Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
The emergence of the Spanish language in the Cantar de mio Cid, the need for an epic past and epic heroes, and their contributions to Spanish and Hispanic identity.

HISP 487 - Imagine Another World: Spanish Art and Society

Spring (3) Cate-Arries Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
A study of the early 20th-century Spanish artistic and political scene, explosive years of radical experimentation and innovation in all cultural media, as well as massive socio-political upheaval (i.e. the rise of socialist and anarchist political parties; establishment of ill-fated democratic republic). Texts include Lorca's poetry, Buñuel's early films; the art of Dalí and Remedios Varo.

HISP 489 - Seminar in Hispanic Studies

Fall and Spring (3) Staff Prerequisite(s): One HISP course numbered between 290 and 360, or consent of instructor
Issues-based, interdisciplinary seminars on topics relevant to Latin American, Spanish, and/or U.S. Latino culture. Course content will vary. May be repeated for credit if topic varies

HISP 492 - Independent Study

Fall and Spring (3) Staff Prerequisite(s): Another 400-level HISP course or equivalent
A tutorial designed primarily for majors who wish to pursue an independent study of issues in Hispanic Studies. Programs of study will be arranged individually with a faculty member. May be repeated for credit if topic varies

HISP 493 - Research in Hispanic Studies

Fall and Spring (3) Prerequisite(s): Major in Hispanic Studies and completion of the HISP practicum
This capstone course guides students in synthesizing their Hispanic Studies course work and field experiences. Open to senior majors, juniors by consent of instructor. Satisfies major writing requirement.

HISP 495 - Senior Honors Thesis

Fall, Spring (3) Staff
Note: For College provisions governing the Admission to Honors, see the Charles Center website.

HISP 496 - Senior Honors Thesis

Fall, Spring (3) Staff
Note: For College provisions governing the Admission to Honors, see the Charles Center website.

HISP 498 - Internship

Fall, Spring (1-4) Staff
Research Internship course coordinated by Hispanic Studies sponsoring faculty and on-site internship supervisor. Partnerships with select institutions, organizations and archives in the United States and abroad offer students intensive research opportunities mentored by William and Mary faculty. Readings; research; dissemination. Satisfies Hispanic Studies Practicum requirement.

Italian Studies

Faculty

Italian Studies Faculty

Associate Professors

Ferrarese (Program Director)

Assistant Professors

Seger

Lecturer

Mattavelli

The Italian Studies Program

The Italian Program offers an interdisciplinary minor in Italian Studies, which requires a minimum of 18 credit hours beyond ITAL 202. A total of 12 credits from the Italian section must include Italian 206 or 207 and at least 3 courses at the 300 level, in English or in Italian. The remaining six credits will be chosen on the basis of the student's own interests and in consultation with an advisor, and can include courses taken in departments or programs in cognate fields such as Art History, Economics, Government, History, Interdisciplinary Studies, International Studies, Literary and Cultural Studies, Medieval and Renaissance, Music, Religion. Courses from these departments must contain considerable Italian content and be approved by the section coordinator.

Study abroad credits will be reviewed by the program coordinator upon a student's return to campus. Once approved, study abroad credits will transfer as elective credits in Italian (at the 100, 200, or 300 level). If you wish to count classes taken abroad toward satisfying the College's foreign language requirement, you must pass a placement test with a grade of 75 or above upon your return to get post-approval.

Program

Italian Studies, Minor

Requirements for Minor in Italian Studies

The Minor in Italian Studies requires a minimum of 18 credit hours beyond 202 or 203. A minimum of 12 credits from the Italian language section must include the following:

- ITAL 206 - Italian Language Through Film or
- ITAL 208 - Reading and Writing Italy (In Italian)
- A minimum of two 300-level Topics Courses (In Italian)
- A minimum of one 300-level Topics Course (In Italian or In English)

A maximum of six credits may be taken outside of the section in consultation with the faculty of the Italian section. Any course proposed must be approved by the Program Director in Italian Studies prior to registration.

Course Descriptions

ITAL 101 - Elementary Italian I

Fall (4) Staff
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

ITAL 102 - Elementary Italian II

Spring (4) Staff Prerequisite(s): ITAL 101
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

ITAL 103 - Accelerated Italian I

Spring (4) Boyle
This course covers the material of ITAL 101 and ITAL 102 in one semester. Because of the highly intensive nature of the course, it is ideal for, students with prior experience with Romance Language study, heritage speakers or students looking for a more challenging language learning experience.

ITAL 105 - Italian Studies Abroad: Language and Culture

Summer, Fall, Spring (1-4) Staff Prerequisite(s): Acceptance by Selection Committee
This number is intended for elementary language courses at the 100 level (equivalent to ITAL 101, 102 or 103) completed in Italy. Students must pass a placement test with a grade of at least C in order count ITAL 105 towards the College Language Requirement. Course may be repeated for elective credit

ITAL 201 - Intermediate Italian I

Fall (3) Staff Prerequisite(s): ITAL 102, or placement by SAT II Test score or consent of instructor
A review of the basics, and an introduction to more advanced grammar structures. Students read, write and discuss a variety of cultural texts that reveal the issues and debates facing contemporary Italians.

ITAL 202 - Intermediate Italian II

Spring (3) Staff Prerequisite(s): ITAL 201, or placement by SAT II Test score or consent of instructor
A continued review of the basics and introduction to more advanced grammar structures. Students read, write and discuss a variety of cultural texts that reveal the issues and debates facing contemporary Italians.

ITAL 203 - Accelerated Italian II

Fall (4) Boyle Prerequisite(s): ITAL 102
This course covers the material of ITAL 201 and ITAL 202 in one semester. Because of the highly intensive nature of the course, it is Ideal for, students with prior experience with Romance Language study, heritage speakers, or students looking for a more challenging language learning experience.

ITAL 205 - Italian Studies Abroad: Language and Culture

Fall, Spring, Summer (1 - 4) Staff
This number is intended for intermediate language courses at the 200 level (equivalent to ITAL 201, 202 or 203) completed in Italy. Students must pass a placement test with a grade of at least C in order count ITAL 205 towards the College Language Requirement. Course may be repeated for elective credit.

ITAL 206 - Italian Language Through Film

Fall or Spring (3) Staff Prerequisite(s): ITAL 202/ITAL 203 or the equivalent *(ALV, CSI)*
In Italian. A conversation course using film as a starting point for the refinement of students' speaking skills in Italian. Students will enrich their vocabulary and strengthen their use of more complex grammatical structures and idiomatic expressions, as well as learn to recognize regional differences in spoken Italian as they talk about cinematic texts.

ITAL 208 - Reading and Writing Italy (In Italian)

Fall or Spring (3) Staff Prerequisite(s): ITAL 206 or consent of the instructor *(College 200, ALV)*
The course focuses on the reading of contemporary journalistic and literary texts in Italian and in refining the stylistics of writing in Italian will have satisfied the lower-division writing requirement. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) Note: This course does not fulfill the Freshman Seminar requirement.

ITAL 303 - Topics in Italian Culture

Fall and Spring (3) Staff Prerequisite(s): ITAL 202 or consent of instructor
In Italian. Topics will alternate, according to the professors' interests and expertise. May be repeated for credit if topics vary

ITAL 304 - Introduction to Italian Cultural Studies (In English)

Fall or Spring (3-4) Staff
This course explores in an interdisciplinary manner the cultural transformations that have occurred in Italy from 1945 to the present through an analysis of evolving constructs of Italian national identity. The texts used include novels, literary, anthropological and sociological inquiries, films, the press and design artifacts. Students with advanced language skills may take a 4th credit of reading and discussion in Italian. (Cross listed with LCST 351)

ITAL 305 - Italian Studies Abroad

Summer, Fall, Spring (1-4) Staff Prerequisite(s): Acceptance by Selection Committee
This number is intended for upper-division courses completed in Italy. Course may be repeated for credit

ITAL 309 - Dante and the Medieval Tradition (In English)

Fall (3-4) Ferrarese
Readings, in translation, and discussion of representative works and trends in courtly love and scholastic traditions to focus attention on Dante's literary, esthetic and historical milieu, and achievements. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

ITAL 310 - Italian Cinema and Post-War Italian Culture (In English)

Spring (3-4) Staff
A study of Post-War cultural developments in Italy through the medium of major Italian cinematic productions and directors. The course will focus on political, economic, social, artistic and religious developments as important manifestations of contemporary Italian culture. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

ITAL 312 - Renaissance Italy (In English)

Spring (3-4) Ferrarese (GER 5)
The course highlights the intellectual and political structures that shaped Renaissance society in Italy, and examines the origins of Italian national identity through readings of a variety of literary and aesthetic genres such as epic poetry, political and historical treatises, music and theater. Contemporary cinematic representations of the Renaissance will also be analyzed. Students with advanced language skills, with the consent of the instructor, may enroll in a 4th credit of reading and discussion (one additional hour per week) in Italian.

ITAL 313 - Topics in Italian Studies (In English)

Fall or Spring (3-4) Staff
Topics will alternate, according to the professors' interests and expertise. Students with advanced language skills, with the consent of the instructor, may enroll in a 4th credit of reading and discussion (one additional hour per week) in Italian. May be repeated for credit if topics vary

ITAL 316 - 20th-Century Italian Women Writers (In English)

Fall or Spring (3) Staff (College 200, ALV, GER 5)
Twentieth-century Italian women writers will be selected and read. The course will focus attention in particular on feminist issues. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with GSWS 316)

ITAL 317 - Italian America (In English)

Spring (3) Staff
This course will explore the imaging and self-imaging of Italian- Americans in literature and film, from representations of Italian immigrant "otherness" to present-day attempts at identity construction, differentiation and assimilation by Italian-American filmmakers. Alongside issues of ethnicity, we will consider those of gender, class and race, in order to understand the positioning of "Italian- American" within the greater spectrum of identities that make up the U.S. map.

ITAL 320 - Imitations of Life: Italian Autobiographies (In English)

Fall or Spring (3-4) Staff
Course examines strategies of self-representation in autobiographies, diaries, letters, and novels of selected authors. Issues addressed include the making of the modern self and the fashioning of an Italian identity. Readings selections from Petrarch, Cellini, Goldoni, Casanova, Alfieri, Pellico, Sciascia, Aleramo, Viganò, and others. Taught in English. Students with advanced language skills, with the consent of the instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. (Cross listed with LCST 351)

ITAL 411 - Independent Study

Fall and Spring (3) Staff
This course is designed to permit in-depth study in an area of literature, linguistics or culture not available in current course offerings. A written petition to instructor and approval of section coordinator required before registration.

ITAL 412 - Teaching Practicum

Fall and Spring (1) Staff
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course.

Japanese Studies

Faculty

Associate Professors

Cronin (Program Director), **Sasaki**

Senior Lecturer

Kato, **Kitamura**

The Japanese Studies Program

As the world's third largest economy and one of the United States' most important allies and trading partners, Japan is critical to an understanding of global issues. Japanese is spoken by 120 million people world-wide. It is also a language in which the US State Department has identified a critical need. In addition, Japanese writers and artists have long exerted an influence over popular culture internationally-an influence evident in the borderless appeal of Japanese film, manga, and anime.

The Japanese Studies Program enables students to explore all aspects of language and culture. We offer four levels of language instruction. We have summer, one-semester, and year-long study-abroad programs at several top universities in Japan. We also offer courses in English on Japanese literature, film, and popular culture. We encourage students to develop individual research projects, which can focus on anime, music, fashion, foodways, politics, and more. Students also enjoy opportunities to teach in closely-mentored relationship with faculty in both language and content courses.

Our program offers a minor in Japanese Studies. Students can also pursue a self-designed major through the Charles Center or a Global Studies major with an East Asian concentration through the interdisciplinary Asian and Middle-Eastern Studies program.

Program

Japanese Studies, Minor

Core Requirements:

The Minor in Japanese Studies requires 18 semester credit hours. At least 15 of those credits must be in JAPN courses. JAPN 100 and JAPN 150 may be counted toward the Minor; all other courses must be beyond the 202 level.

Three credits toward the minor may come from a course outside of the JAPN program, provided it has significant Japan-related content (consult the AMES Program course listing; Minors are encouraged to take AMES 250, HIST 141, or HIST 142).

A maximum of 9 credits toward the Minor may come from courses taken in study-abroad programs, with program approval.

No course for the Minor may be taken pass/fail.

Course Descriptions

JAPN 100 - Big Ideas in Japanese Studies

Fall or Spring (4) Staff
An exploration of significant questions and integrative concepts in Japanese Studies, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

JAPN 101 - Elementary Japanese I

Fall and Summer (4) Staff
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

JAPN 102 - Elementary Japanese II

Spring and Summer (4) Staff Prerequisite(s): JAPN 101 or consent of instructor
Training in grammar, pronunciation, aural-oral skills, reading and writing. The work includes intensive practice in speaking and understanding. All scheduled sessions associated with the course are required.

JAPN 150 - First year Seminar

Fall or Spring (4) Cronin (C150)
An exploration of a specific topic in Japanese Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

JAPN 201 - Intermediate Japanese I

Fall (4) Staff Prerequisite(s): JAPN 102 or consent of instructor
Training in conversation, grammar, reading and elementary composition. All scheduled sessions associated with the course are required.

JAPN 202 - Intermediate Japanese II

Spring (4) Staff Prerequisite(s): JAPN 201 or consent of instructor
Training in conversation, grammar, reading and elementary composition. All scheduled sessions associated with the course are required.

JAPN 208 - Introductory Topics in Japanese Literature and Culture (in English)

Fall and Spring (3) Cronin
An introductory study of a broad topic in Japanese literature or culture that is not covered by regularly offered courses. May have cross-cultural components. May be repeated for credit if topic varies.

JAPN 209 - Classical Japanese Literature in Translation

Fall or Spring (3) Cronin (ALV, GER4B, 5)
An introduction to Japanese literature through readings and discussions of prose, poetry and drama from the 8th-18th centuries. Texts and authors include Tales of Ise, Pillow Book, Tale of Genji, Noh theater, folktales and works by Basho and Saikaku. Taught in English.

JAPN 210 - Modern and Contemporary Japanese Literature (Taught in English)

Fall or Spring (3-4) Cronin (GER 5)
An introduction to Japanese literature through readings of modern and contemporary short stories, novels, drama and poetry. The course deals with both literary and cultural issues from the 18th century to the present day. Students with advanced language skills may, with the consent of instructor, take a 4th credit for reading and discussions (one additional hour per week) in the original language.

JAPN 220 - Japan's Ghosts and Demons

Spring (3) Cronin (College 200, ALV)
This course explores the supernatural world and its inhabitants as imagined in Japanese literature and visual culture from ancient times to the present day. Our survey will take in a wide variety of fantastic phenomena, including spirit possession and exorcism in The Tale of Genji, the "hungry ghosts" of medieval Buddhist folklore, interwar Gothic tales of the bizarre, and recent Japanese horror films such as The Ring. In the process, we will consider the various roles that the supernatural has played in Japanese culture at various historical moments. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

JAPN 280 - East Asian Cultures Through Film

Fall (3) Staff (College 200, ALV, GER 4B)
An introduction to East Asian cultures through the modern and contemporary film of China, Taiwan and Japan. The class takes a cross-cultural approach by looking at various social, political and cultural themes as they vary across time and across Asian countries. Taught in English. (Cross listed with CHIN 280)

JAPN 300 - Topics in Japanese Language

Summer, Spring or Fall (3) Staff
Topics will be indicated in the schedule of classes. Course will be taught in Japanese. Credit variable. May be repeated for credit when topics differ

JAPN 301 - Upper Intermediate Japanese I

Fall (3) Staff Prerequisite(s): JAPN 202 or consent of instructor
Continued training in conversation, grammar and composition.

JAPN 302 - Upper Intermediate Japanese II

Spring (3) Staff Prerequisite(s): JAPN 301 or consent of instructor
Continued training in conversation, grammar and composition.

JAPN 305 - Directed Readings in Japanese Literature

Spring or Fall (3) Staff Prerequisite(s): JAPN 302 or consent of instructor
An advanced course reading materials on Japanese literature and culture. This course is taught in Japanese. May be repeated for credit if content is different

JAPN 307 - Topics in Japanese Culture

Fall or Spring (3) Staff Prerequisite(s): JAPN 300 or JAPN 301 or JAPN 305
An in-depth study of a theme in Japanese culture that is not covered by regularly offered courses. Course materials and instruction in both English and Japanese. May have cross-cultural components. May be repeated for credit if topic varies. Taught in both Japanese and English

JAPN 308 - Topics in Japanese Literature and Culture (Taught in English)

Spring or Fall (3) Staff
An in-depth study of a major author, genre, period or theme in Japanese literature or culture that is not covered by regularly offered courses. May have cross-cultural components. May be repeated for credit if topic varies

JAPN 311 - Japanese Cinema

Fall or Spring (3) Cronin (GER 5) (ALV)
An introduction to the cinema of Japan from the silent era through the golden age of the 1950s to contemporary Japanese animation. This course will also introduce students to representative directors, genres, and works.

JAPN 320 - The Japanese City

Fall or Spring (3) Cronin (College 200, ALV)
An examination of the historical development, theoretical conceptualization, and everyday life of the Japanese city from the 19th century to present day. The class will look at representations of the city in literature, film, architecture and city planning. This course taught in English. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

JAPN 330 - Japanese Popular Culture

Fall or Spring (3) Staff
This course provides an in-depth exploration of the range of cultural forms that constitute Japanese popular culture, with an emphasis on the late 20th-early 21st centuries. The class will look at Japan's exportation of culture and the reception of Japanese cultural products in the West. Taught in English.

JAPN 401 - Advanced Japanese I

Fall or Spring (3) Staff Prerequisite(s): JAPN 302 or consent of instructor
Continued training in conversation, grammar and composition, in a variety of situations and materials.

JAPN 402 - Advanced Japanese II

Spring (3) Staff Prerequisite(s): JAPN 401 or consent of instructor
This course focuses on contemporary Japan to develop culturally appropriate communication skills (speaking, listening, reading and writing). Students are introduced to and expected to analyze various authentic materials (written, online and visual).

JAPN 410 - Advanced Topics in Japanese Literature and Culture

Fall or Spring (3) Staff Prerequisite(s): JAPN 302
An in-depth study of a major author, genre, period or theme in Japanese literature or culture. Course taught in Japanese. Readings in English and Japanese. May be repeated for credit if topic varies

JAPN 411 - Independent Study

Fall and Spring (3) DiNitto, Cronin
This course is designed to permit in-depth study of Japanese texts in an area of language or literature not available in current course offerings. A written petition to the instructor and approval of the section coordinator are required before registration.

JAPN 412 - Teaching Practicum

Fall and Spring (1) Staff
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course. May be repeated up to a maximum of 4 credits

Russian Studies

Faculty

Associate Professors

Prokhorov (Program Director), **Prokhorova** (Director of Russian and Post-Soviet Studies)

Visiting Assistant Professor

Mulcahy

Senior Lecturer

Ginzbursky-Blum

The Russian Studies Program

There are as many reasons for studying Russian language and culture as there are students of Russian. Beyond the high culture of Pushkin, Dostoevsky, Tchaikovsky, Stravinsky, Tolstoy, Eisenstein, and many, many others, Russia continues to play an important role in the world community. And while the political and military threat of the Soviet Union is a thing of the past, a democratizing Post-Soviet Russia presents significant challenges and opportunities to the rest of the world in the areas of global security, nuclear non-proliferation, organized crime, international terrorism, to name just a few critical issues of the twenty-first century.

As Post-Soviet Russia continues to develop economically and politically, the number and variety of career paths available to college graduates with a knowledge of Russian language and culture are constantly expanding. While the U.S. government remains the largest employer of Russian majors, high-tech computer, energy, and communications companies, law firms, consulting agencies and accounting groups are all in need of Russian-speakers to staff new offices in Russia. In addition, an increasing number of NGOs, including charitable, religious, academic, and political organizations, have begun to operate or expanded their operations in Russia.

We offer four full years of language training as well as a variety of courses in Russian literature, cinema and culture that are taught in English. Many of our literature and culture courses in translation fulfill General Education requirements and can be used as part of a concentration in Film and Media Studies. At the present, students may choose between an interdisciplinary major and a minor in Russian Studies through the Global Studies and a minor in Russian Language and Literature. Study abroad is an important component of the Russian program. In addition to our own faculty-directed six-week intensive summer program at St. Petersburg University, students are encouraged to spend a semester or full academic year studying at Russian universities.

Program

Russian Language and Literature, Minor

Students may pursue an interdisciplinary major or minor in Russian and Post-Soviet Studies (GBST). For further information, please contact Russian and Post-Soviet Studies program director Professor Frederick Corney (fccorn@wm.edu) or a professor in the Russian Studies Program. .

Major writing requirement for Russian and Post-Soviet Studies Major: RPSS 490

Major computing requirement for Russian and Post-Soviet Studies Major: RUSN 303 or RUSN 304

Requirements for Minor in Russian Language and Literature:

A minor in Russian Language and Literature requires 21 credit hours beyond 202, only 6 credits of which may be in translation. No courses for the minor may be taken pass/fail.

Course Descriptions

RUSN 101 - Elementary Russian Through Video I

Fall (4) Mulcahy
An introduction to Russian, with emphasis on oral skills. Cyrillic alphabet, case structure, verbal usage, building of basic vocabulary and conversational skills, ability to read simplified passages in Russian. Five class hours.

RUSN 102 - Elementary Russian Through Video II

Spring (4) Mulcahy Prerequisite(s): RUSN 101
An introduction to Russian, with emphasis on oral skills. Cyrillic alphabet, case structure, verbal usage, building of basic vocabulary and conversational skills, ability to read simplified passages in Russian. Five class hours.

RUSN 150 - First Year Seminar

Fall (4) Staff (C150)
An exploration of a specific topic in Russian Cultural Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

RUSN 201 - Intermediate Russian Through Video I

Fall (4) Ginzbursky-Blum Prerequisite(s): RUSN 102 or three years of high school Russian
Review of Russian grammar, more detailed study of grammatical issues, vocabulary building and word-formation, reading of more complicated, unedited Russian prose texts, elementary composition. Includes significant language lab component, audio and audio- visual materials. Five class hours.

RUSN 202 - Intermediate Russian Through Video II

Spring (4) Ginzbursky-Blum Prerequisite(s): RUSN 201 or three years of high school Russian
Review of Russian grammar, more detailed study of grammatical issues, vocabulary building and word-formation, reading of more complicated, unedited Russian prose texts, elementary composition. Includes significant language lab component, audio and audio- visual materials. Five class hours.

RUSN 250 - Russian Myths and Legends

Fall and Spring (3) Staff (College 200, ALV, GER 4A, 5)
Taught in English. An introduction to Russian culture from Russia's beginnings to the present. Multimedia lectures and class discussion will focus on the most significant genres and aspects of Russian folk culture (fairy tales, songs, dances, folk art, etc.) Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

RUSN 300 - Russian Study Abroad

Summer (1-4) Staff
This number is intended for courses completed in Russia. May be repeated for credit

RUSN 303 - Advanced Russian: Conversation, Composition, Reading I

Fall (3) Ginzbursky-Blum Prerequisite(s): RUSN 202 or consent of instructor
Continued study of Russian grammar, weekly writing assignments, readings and conversational drills aim to increase student's fluency and creativity in using and understanding spoken and written Russian. Significant audio-visual component. This course is taught in Russian. Fulfills computing requirement for Russian and Post-Soviet Studies major.

RUSN 304 - Advanced Russian: Conversation, Composition, Reading II

Spring (3) Prokhorova, Ginzbursky-Blum Prerequisite(s): RUSN 303 or consent of instructor
Continued study of Russian grammar, weekly writing assignments, readings and conversational drills aim to increase student's fluency and creativity in using and understanding spoken and written Russian. Significant audio-visual component. Conducted in Russian. Fulfills computing requirement for Russian and Post Soviet Studies major.

RUSN 305 - Directed Readings in Russian Literature

Fall (3) Staff Prerequisite(s): RUSN 330 or consent of instructor
This course is designed to permit an in-depth study in an area of literature not covered in regularly offered courses. May be repeated if topic varies

RUSN 306 - Directed Readings in Russian Literature

Spring (3) Staff Prerequisite(s): RUSN 330 or consent of instructor
This course is designed to permit an in-depth study in an area of literature not covered in regularly offered courses. May be repeated if topic varies

RUSN 308 - Topics in Russian Literature and Culture (Taught in English)

Fall and Spring (1-4) Prokhorov, Prokhorova
Taught in English. Exploration of a particular topic in Russian literature and culture. May be repeated for credit if topic changes

RUSN 309 - Topics in Russian Cinema (Taught in English)

Fall and Spring (3) Prokhorov
Taught in English. An in-depth study of a major director, genre, period, or theme in Russian cinema. Lecture and discussion. May be repeated for credit if topic varies

RUSN 310 - Advanced Conversation (Taught in Russian)

Spring (3) Staff Prereq/Corequisite(s): RUSN 303 or consent of instructor
Intensive oral-aural training for students who have completed at least three years of college-level Russian study. Especially recommended for students returning to William and Mary after a semester or summer of language study abroad.

RUSN 320 - Russian Cultural History (Taught in Russian)

Fall (3) Staff Prereq/Corequisite(s): RUSN 303 or consent of instructor *(GER 4A, 5)*
A survey of Russian Civilization from pre-Christian traditions to the present. Emphasis on the most important historical and artistic elements in Russian Culture. This course is taught in Russian. It includes illustrated lectures, readings, and film.

RUSN 330 - Survey of Russian Literature (Taught in Russian)

Fall (3) Prokhorova Prereq/Corequisite(s): RUSN 304 or consent of instructor
An introduction to the study of literature in Russia through readings and discussions of representative texts in prose and poetry from the 19th and 20th centuries. Writers studied to include Pushkin, Tolstoy, Dostoevsky, Chekhov, Bulgakov, Dovlatov.

RUSN 340 - Russian Media Culture (Taught in Russian)

Fall (3) Prokhorov Prerequisite(s): RUSN 303 or consent of instructor
The course introduces students to the language of Russian cinema, television, print and the new media. The course consists of three modules: transition to market economy, national identity, and gender relations.

RUSN 350 - Topics in Russian Literature (Taught in Russian)

Fall, Spring, and Summer (1-4) Staff Prerequisite(s): RUSN 202
In-depth study of selected topics in Russian Culture, Language, and Literature. Instructor consent is required. Course may be repeated for credit if topic varies

RUSN 380 - Russian Cinema: 'The Most Important Art' (Taught In English)

Spring (4) Mulcahy (ALV, CSI, GER 5)
An historical survey of Russian Cinema from the Silent Era to the present, including animated, documentary and feature films. Representative films by Kuleshov, Vertov, Eisenstein, Tarkovsky and others. (Taught in English, no knowledge of Russian required.)

RUSN 387 - Love, Adultery and Prostitution in 19th Century Literature (Taught in English)

Fall (3) Prokhorova (ALV, CSI, GER 5)
Love, adultery, and prostitution are key themes of 19th century Russian literature. Works by Pushkin, Gogol, Dostoevsky, and Tolstoy addressed these themes in order to come to terms with transforming Russians' class, religious and cultural identities. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language. This course is taught in English.

RUSN 388 - Revolution, Crime, and Romance in 20th Century Russian Literature (Taught in English)

Spring (3) Prokhorov (ALV, CSI, GER 5)
The Russian Revolution, the Apocalypse, and the Soviet Utopia became the major themes in 20th century Russian literature. The course examines how the revolutionary and counter-revolutionary sensibilities have influenced Russians' notions of self, creativity, crime, and romance in works by representative writers such as Babel, Bulgakov, Polevoi, Pasternak, Solzhenitsyn, Marinina, and others. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

RUSN 390 - Russian Literature Since the Death of Stalin (Taught in English)

Spring (3) Prokhorov (GER 5)
A study of selected Soviet and post-Soviet Russian writers from the time of "The Thaw" to the present day, with emphasis on the ideological uses (and abuses) of literature in modern Russia. Lecture and discussion. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

RUSN 392 - Special Themes in Russian Literature and Culture (Taught in English)

Fall or Spring (1) Staff
Exploration of a particular topic in Russian literature or culture. May be repeated for credit if topic changes

RUSN 393 - Special Themes in Russian Language and Culture (Taught in Russian)

Fall or Spring (1) Ginzbursky-Blum, Prokhorov Prerequisite(s): RUSN 202 or consent of instructor
Exploration of a particular topic in Russian language or culture. May be repeated for credit if topic changes

RUSN 396 - Major Works of Chekhov (Taught in English)

Fall or Spring (3) Staff (GER 5)
A study of the life and major works (short stories, novellas, plays) of Anton Chekhov. Special attention given to Chekhov's innovations and experiments with narrative and dramatic forms. Lecture and discussion. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

RUSN 397 - Major Works of Dostoevsky (Taught in English)

Fall (3) Mulcahy (GER 5)
A study of the major prose works, including The Idiot and The Brothers Karamazov. Lecture and discussion. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

RUSN 398 - Major Works of Tolstoy (Taught in English)

Spring (3) Prokhorov (GER 5)
A study of War and Peace and Anna Karenina. Lecture and discussion. Students with advanced language skills, with the consent of instructor, may take a 4th credit for reading and discussions (one additional hour per week) in the original language.

RUSN 402 - Russian Poetry

Spring (3) Staff Prerequisite(s): RUSN 303 or RUSN 304, or consent of instructor
Reading and interpretation of major poetic works from the 19th century to the present, with an emphasis on Pushkin, Tiutchev, Blok, Mandelstam, Akhmatova, and Brodsky.

RUSN 410 - Seminar in Russian Literature and Culture

Fall or Spring (3) Prokhorov Prerequisite(s): RUSN 320 or RUSN 330 or consent of instructor
Topics, which change from year to year, may include an author, a single text or a genre. Conducted entirely in Russian. May be repeated for credit if topic varies

RUSN 411 - Independent Study

Fall and Spring (1-3) Prokhorov, Prokhorova
This course is designed to permit in-depth study in an area of literature, linguistics or culture not available in current course offerings. A written petition to the instructor and approval of the section coordinator are required before registration.

RUSN 412 - Teaching Practicum

Fall and Spring (1) Staff
A mentored teaching internship experience for students to work closely with a faculty member in teaching either a language or content course. May be repeated up to a maximum of 4 credits

Teaching English to Speakers of Other Languages (TESOL)

Faculty

Arries, Jonathan - Associate Professor of Hispanic Studies

Kulick, Katherine - Associate Professor of French and Francophone Studies

The Teaching English to Speakers of Other Languages (TESOL) Program

Teaching English to Speakers of Other Languages (TESOL) is an interdisciplinary program integrating second language acquisition research, cross-cultural communication and effective methodologies for teaching English as a second or foreign language.

Program

Teaching English to Speakers of Other Languages, Minor

Teaching English to Speakers of Other Languages (TESOL) is an interdisciplinary program integrating second language acquisition research, cross-cultural communication and effective methodologies for teaching English as a second or foreign language.

Requirements:

A minor in TESOL requires a minimum of 18 credit hours (normally 6 courses), distributed as follows:

Modern Languages

- ANTH 204 - The Study of Language *(4)* or
- FREN 304 - French Phonetics and Diction *(3)* or
- LING 220 - Study of Language *(4)*

- MDLL 345 - Methods in Teaching English to Speakers of Other Languages (TESOL) *(3)* or
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*

- MDLL 346 - Foreign Language Acquisition Processes: Theory and Practice *(3)*

- MDLL 347 - TESOL Curriculum Design and Materials Development *(3)* or
- MDLL 348 - Teaching English Abroad *(3)*

- MDLL 400 - Internship/Practicum in Teaching English to Speakers of Other Languages *(3, 3, 3)*
- MDLL 411 - Independent Study *(3)* *

Note:

* Another 300/400 level relevant course may substitute, if approved in advance by the Director of the TESOL program.

Course Description

Modern Languages and Literatures

MDLL 150 - First Year Seminar

Fall or Spring (4) Staff (C150)
An exploration of a specific topic in Modern Languages. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion. Course may be repeated for credit if topic varies

MDLL 498 - Washington Program Internship

Fall and Spring (4)
This course combines an internship experience in Washington, D.C. with individual research supervised by the Washington Program instructor and results in a substantial assignment. Only students already accepted into the Washington Program are eligible to enroll.

Teaching English to Speakers of Other Languages (TESOL)

MDLL 255 - Tech Literacy for Modern Languages

Fall or Spring (2) Blum
Students will learn the use of various current technologies that have a direct impact on their coursework in Modern Language study. Topics to include using online references, creating websites and digital presentations, video editing, etc.

MDLL 345 - Methods in Teaching English to Speakers of Other Languages (TESOL)

Spring, Summer (3) Arries Prerequisite(s): Two semesters of a modern foreign language or equivalent, or consent of instructor
Instructional methodology for teaching foreign languages including English as a second or foreign language. Focus on skill development, curriculum planning, assessment, cultural instruction, and technology in foreign language teaching.

MDLL 346 - Foreign Language Acquisition Processes: Theory and Practice

Fall, Summer (3) Kulick Prerequisite(s): Two semesters of a modern foreign language or equivalent, or consent of instructor *(CSI)*
How are foreign languages acquired? Factors influencing individual variation in skill and fluency include language transfer, optimal input, age, learning styles and language dysfunction. Focus on foreign language acquisition with respect to learning theory, and physical, cognitive and social development.

MDLL 347 - TESOL Curriculum Design and Materials Development

Fall or Spring, Summer (3) Kulick (CSI)
Curriculum design for Teaching English to Speakers of Other Languages: the development of ESL lessons and materials, adaptation of content instruction for English Language Learners; cross-cultural factors faced when integrating ELLs into content classes and communication with ELL family members. A student may receive credit for MDLL 347 or MDLL 348, but not both.

MDLL 348 - Teaching English Abroad

Spring (3) Kulick
Logistics and practical considerations in preparing to teach English abroad; social, cultural and institutional influences on the overseas classroom, curriculum design and materials development, lesson planning, specific approaches and techniques for adapting to less than ideal teaching settings. A student may receive credit for MDLL 347 or MDLL 348, but not both.

MDLL 360 - Topics in Modern Languages, Literatures and Cultures

Fall and/or Spring variable credit Staff
The topic of this course will vary from year to year, but will cover material related to literary, linguistic or cultural aspects of world civilizations. Course may be repeated for credit if topic varies

MDLL 400 - Internship/Practicum in Teaching English to Speakers of Other Languages

Fall, Spring, Summer (3, 3, 3) Arries, Kulick Prerequisite(s): Consent of instructor
The internship/practicum in TESOL provides students the opportunity to apply in a practical setting, the theories, techniques and strategies of TESOL. Requirements include a pre-approved project, a journal, a portfolio and final paper or presentation.

MDLL 401 - Internship/Practicum in Teaching Foreign Languages

Fall (1) Staff Prerequisite(s): Consent of instructor
A mentored teaching internship experience in foreign language pedagogy. Students will work closely with faculty to assist in fostering student language learning while developing their own teaching skills.

MDLL 411 - Independent Study

Fall, Spring (3) Arries, Kulick Prerequisite(s): Consent of instructor
Designed to permit an in-depth study in an area of foreign language pedagogy or second language acquisition not available in current course offerings. A written petition to the instructor and approval are required before registration.

MDLL 490 - Topics in TESOL

Summer (3) Arries, Kulick
A seminar in foreign language teaching pedagogy for teachers and prospective teachers about second language acquisition with a focus on classroom applications. May be offered abroad by William and Mary faculty. May be repeated for credit if topic varies

Music [Back to Table of Contents]

Faculty

Professors

Payne, Preston, **Rasmussen**, **Serghi**

Associate Professors

Armstrong, **Bartlett** (Chair), **Hulse**, **Katz** and **Murchison**

Assistant Professors

Dominique and **Grandis**

Visiting Scholar

Stevens

Director of Choirs

Armstrong

Associate Director of Choirs

Bartlett

Director of Orchestras

Grandis

Arts Librarian

K. DeLaurenti

Visiting Assistant Professor

C. DeLaurenti

Lecturers

Aguirre, **Beckner**, **Carlson**, **Cary**, **DuBeau**, **Eason Fletcher**, **Fletcher**, **Glosson**, **Gold, Jellison**, **Johnson**, **Jones**, **Lawson**, **Leisring**, **Lindberg**, **Lyttle**, **Marshall**, **Martell**, **Mott**, **Nakasian**, **Nesbit**, **Niehaus**, **Olbrych**, **Ponzi**, **Simon**, **Via**, **Vonderheide**, **Wick**, **Yefimova**, **Zwelling**.

Music Program

The Department of Music is committed to teaching the discipline of music through its interrelated subdisciplines (music theory, musicology, ethnomusicology, performance, and composition) in the context of a liberal arts curriculum. The Department of Music strives to create a learning environment that encourages the intellectual and personal development of student and teacher

alike; we do so by integrating the transmission of knowledge with original research, composition, and performance. The department's course offerings represent a standing commitment to the study of diverse musical styles and the musics of many cultures. At the same time, we also recognize the vital importance of teaching the traditions that have historically informed the practice of music in the United States and Europe.

Ensembles

All music ensembles may be repeated for credit. Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music.

Music Lessons

Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. There is a fee for applied music lessons, including group lessons. For the 2014-2015 academic year, the fee is $400 per credit hour. Students who drop a music lesson prior to add/drop will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson the student receives from an Applied Faculty instructor before the course is dropped. Music lesson fees are non-refundable after the add/drop period. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music.

Programs

Music, BA

Required Credit Hours: 37

Major Computing Requirement:

The Major Computing Proficiency Requirement is fulfilled by earning a C- or better in MUSC 345.

Major Writing Requirements:

The Major Writing Requirement is fulfilled by earning a C- or better in MUSC 345.

Core Requirements:

- **16 credits in core requirements:** MUSC 201 (4), MUSC 213 (4), MUSC 241 (4), and MUSC 345 (4).
- **4 credits of performance:** The 4 music performance credits will consist of 2 credits in a single department ensemble; the remaining 2 credits may be fulfilled either in a single department ensemble (not necessarily the same ensemble that fulfilled the ensemble requirement), or through lessons in a single performance area (that is, lessons in single vocal or instrumental style).
- **16 credits of elective courses:** At least 2 academic elective courses 300-level or above are required. A maximum of 4 additional credits of lessons or ensembles in any combination may be applied to the elective requirements.
- **1 credit as the senior project:** Majors in Music will also complete MUSC 491 (Senior Project), which is designed in conjunction with a project advisor. The project advisor need not be the same as the major advisor. The senior project consists of a supervised independent study that may culminate in either a recital or a lecture-recital of approximately an hour in length, or in a substantive research paper exhibiting scholarly engagement with an original topic (e.g., a paper, a composition, etc.). During the semester in which a major undertakes the Senior Project, she or he is required to enroll in MUSC 491 for one credit. Students satisfying the Senior Project requirement with a recital must receive permission by audition; during the semester of the recital, they must register both for MUSC 491 and performance instruction. Students completing Honors in Music will satisfy the Senior Project requirement with MUSC 495-MUSC 496.

MUSC 101 and MUSC 210 may not be used towards the major. No more than 12 credits toward the major may be transferred from elsewhere. Potential music majors are strongly encouraged to take MUSC 201, MUSC 213, MUSC 241 as early as possible, and to take MUSC 345 by their junior year.

All music majors must complete and submit a Senior Project Form that is signed by the project advisor/s. For seniors graduating in December, the form must be filed by one week after the fall semester drop/add deadline; for May graduates, the form must be

submitted by the Friday after fall break. These forms are available in the Department of Music office and on the Department of Music webpage (http://www.wm.edu/music).

Music, Minor

Required Credit Hours: 20

12 Credits of Core Requirements:

- MUSC 201 - Tonal Theory I *(3)*
- MUSC 213 - History of Western Music *(4)*
- MUSC 241 - Worlds of Music *(4)*

Additional Requirements:

8 credits of electives with at least one academic elective course above the 200 level. MUSC 101 and MUSC 210 may not be used towards the minor.

Course Descriptions

MUSC E03 - Wind Ensemble

Fall and Spring (1) Staff (ACTV, GER 6)
The Wind Ensemble is a large performing ensemble composed of woodwind, brass, and percussion instrumentalists that performs the finest wind literature from 16th century to the present day. Both chamber music and large ensemble works are rehearsed and performed. The Wind Ensemble performs several concerts per semester both on and off campus. Non-majors welcome. By audition. All music ensembles may be repeated for credit

MUSC E04 - Concert Choir

Fall and Spring (1) Armstrong (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E05 - Women's Chorus

Fall and Spring (1) Bartlett (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E06 - Symphony Orchestra

Fall and Spring (1) Grandis (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E07 - Botetourt Chamber Singers

Fall and Spring (1) Bartlett (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E08 - Jazz Ensemble

Fall and Spring (1) Beckner (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E09 - Jazz Combo

Fall and Spring (1) Simon (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E10 - Brass Ensemble

Fall and Spring (1) DuBeau (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E11 - Woodwind Ensemble

Fall and Spring (1) Carlson (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E12 - String Ensemble

Fall and Spring (1) Cary (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E13 - Mixed Ensemble: Gallery Players

Fall and Spring (1) Via (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E14 - Percussion Ensemble

Fall and Spring (1) Lindberg (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E15 - Classical Guitar Ensemble

Fall and Spring (1) Olbrych (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E17 - Early Music Ensemble

Fall and Spring (1) Staff (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E18 - Middle Eastern Music Ensemble

Fall and Spring (as available) (1) Rasmussen (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E19 - Opera Workshop

Fall and Spring (1) Fletcher (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E20 - Saxophone Ensemble

Fall and Spring (1) Nesbit (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E21 - Indonesian Gamelan

Fall and Spring (1) Staff (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E22 - Performance Art Ensemble

Fall and Spring (as available) (1) Serghi, Staff (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E23 - Music of India Ensemble

Fall and Spring (1) Katz (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E24 - Southern Appalachian Music Ensemble

Fall and Spring (1) Johnson (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC E99 - Special Guest Ensemble

Fall and Spring (as available) (1) Staff (ACTV, GER 6)
Although students may take as many credits as they wish of ensemble courses, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. All music ensembles may be repeated for credit

MUSC 100 - Big Ideas in Music

Fall and Spring (4) Staff (College 100)

An exploration of significant questions and integrative concepts in Music, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

MUSC 101 - Introduction to Tonal Theory

Fall and Spring (2) Bartlett, DeLaurenti, Dominique, Grandis, Hulse, Serghi, Staff Prerequisite(s): None, but familiarity with Western musical notation is highly recommended *(ALV)*
Introduces students to the basic structures and concepts of Western music that are required for the department's music theory sequence (MUSC 201, MUSC 202, MUSC 301). Topics include the notation system, scales, keys, intervals, rhythm and meter, triads and seventh chords and their inversions, transposition, introduction to ear-training, basic chord progressions, and Roman numeral chord analysis. This course is a prerequisite for MUSC 201 but credit may not be used towards the major or minor requirements. Students who have earned 4 or 5 on the AP Music Theory exam are exempt from this course and from MUSC 201; they may register directly for MUSC 202. Exemption may also be attained through a placement exam administered by the department.

MUSC 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Music. A grade of C- or better fulfills the College 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

MUSC 201 - Tonal Theory I

Fall and Spring (3) Dominque, Hulse, Serghi Prerequisite(s): MUSC 101, successful completion of the 201 placement exam, or instructor permission *Corequisite(s):* MUSC 201L
This course introduces basic techniques of 17th and 18th century European compositional practice. By mastering the traditional chorale-style method, the student gains a working knowledge of tonal function and voice-leading. Aural skills such as sigh singing and melodic dictation are
emphasized in a 1-credit lab. Students who have earned a score of 4 or 5 on the AP Music Theory exam are exempt from this course.

MUSC 201L - Tonal Theory I Lab

Fall and Spring (1) Lyttle, McNorton Prerequisite(s): MUSC 101, successful completion of the 201 placement exam, or instructor permission *Corequisite(s):* MUSC 201
Aural skills such as sigh singing and melodic dictation are emphasized in a 1-credit lab.

MUSC 202 - Tonal Theory II

Spring (3) Dominique, Hulse, Serghi Prerequisite(s): MUSC 201, successful completion of the 202 placement exam, a score of 4 or 5 on the AP Theory test, or consent of instructor
This course expands upon the topics covered in MUSC 201 to include chromatic techniques such as tonicization and modulation, modal mixture, Neapolitan and augmented sixth chords, and enharmonic reinterpretation.

MUSC 207 - Independent Composition I

Fall and Spring (4) DeLaurenti, Dominique, Hulse, Serghi Prerequisite(s): MUSC 201 *(ACTV, GER 6)*
The student will pursue original work and engage selected analytical issues raised by this work.

MUSC 210 - Music and the Liberal Arts

Spring (3) Staff (ALV, GE4C, 5)
This course introduces students to the study of music in the context of the liberal arts. Drawing on the strengths of the faculty, the course will explore a diversity of sub-fields including music theory, music history, composition, ethnomusicology, and performance. Two lecture hours and mandatory attendance at a weekly musical event.

MUSC 212 - Beethoven and His World

Spring (4) Murchison
As one of "The Three Bs," Ludwig van Beethoven is considered a pillar of classical music. Reaching maturity as a musician in Vienna at the close of the eighteenth century, Beethoven mastered the classical style as inherited from Haydn and Mozart. He pursued innovations in all genres of instrumental music and ushered in the Romantic era. As a musical thinker, Beethoven engaged with the world around him, beginning as a court musician in Bonn, and with the Enlightenment and Age of Revolution as a composer in Vienna. The course begins with Beethoven as a pop culture icon, and then examines the real Beethoven through study of his life, 28th and 19th century Viennese culture, and his works. No previous musical experience is required, though encouraged.

MUSC 213 - History of Western Music

Fall and Spring (4) Armstrong, Murchison, Payne, Preston, Staff (GER 4A, 5)
A survey of the music of Western culture from its origins in plainchant through the Medieval, Renaissance, Baroque, Classic, Romantic and Modern periods; including important composers, compositions and the ideas that influenced them. No previous musical training required.

MUSC 221 - Conducting I

Fall (3) Armstrong, Bartlett, Grandis, Staff Prerequisite(s): MUSC 201 *(ACTV, GER 6)*
Students are strongly encouraged to have ensemble experience. Students will learn the basic skills associated with conducting, including the study of beat patterns, cueing techniques, and the use of facial expressions or body movements. First-semester conducting will stress musicianship, score reading, ear training, and keyboard skills as essential to the mastery of conducting techniques. Students should have experience performing in an ensemble and will conduct a major ensemble as the final examination.

MUSC 223 - Topics in Musical Performance

Fall and Spring (4) Staff
A performance-oriented course. Different course sections cover different topics, for example: 223-01 Big Band Jazz, 223- 02 The Early Guitar, 223-03 Accompanying. This course may be repeated for credit.

MUSC 224 - Bach and the Baroque

Spring (3) Payne (ALV, GER 5)
An introduction to the music of Johann Sebastian Bach (1685-1750). It examines a representative cross-section of his works and their relationships to events in his life, places of employment, circumstances of composition, and place in the history of Baroque music.

MUSC 241 - Worlds of Music

Spring (4) Katz, Rasmussen, Staff (College 200, ALV, GER 4B)
This course introduces students to musical cultures of the non-Western world. Topics include: native concepts about music, instruments, aesthetics, genres, relationship to community life, religion, music institutions, and patronage. Course goals will be to develop skills useful for a cross-cultural appreciation and analysis of music, and to bring questions about music into the domain of the humanities and social sciences. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.). (Cross listed with ANTH 241)

MUSC 271 - Popular Music in the United States

Spring (4) Katz, Murchison, Preston, Rasmussen, Staff (ALV, GER 4A, 5)
This course addresses popular musical expression in the continental United States from a historical and cultural perspective. In addition to exploring representative types of music such as traditional, folk, sacred and dance music, ragtime, blues, jazz, rock and country as well as musical traditions associated with immigrant groups and global music networks, students will have the opportunity to examine these musical traditions critically by focusing on particular eras, regions, themes or groups of artists. (Cross listed with AMST 271)

MUSC 273 - History of Jazz

Fall (4) Katz, Murchison, Staff (ALV, GER 4A,5)
A survey of jazz from its origins to the present, focusing on influential improvisers and composers, development of listening skills, and issues of race, gender, commerce, and criticism. (Cross listed with AFST 331, AMST 273)

MUSC 281 - Introduction to Computer Music and Electroacoustics

Fall (4) DeLaurenti, Dominique, Staff (College 200, ACTV, ALV, GER 6)
This course presents an introductory survey of digital technology in today's musical world. Students will gain exposure to key facets of the varied history, thoughts, and techniques at work in the creation of contemporary electronic art music. The class will explore basic concepts of digital sound synthesis, recording, editing, processing, interactivity, multimedia and introductory programming through class demonstrations, hands-on lab time, and assigned creative projects. Students will learn to use various software in the Swem Media Center, including ProTools, Digital Performer, Hyperprism and Max/MSP/ Jitter, among others. This course also provides an introduction to the aesthetics of computer music in the Western art music tradition. Students will critically listen to, write about and discuss major historical works and composers in both analog and digital electronic media. Finally, students will gain familiarity with current issues and theories in digital art through reading and discussion of recent publications. (This course is anchored in the ALV domain, and also considers aspects of the CSI and NQR domains.)

MUSC 301 - Tonal Forms and Post-Tonal Techniques

Spring (4) Dominique, Hulse, Serghi Prerequisite(s): MUSC 202 or consent of instructor
The material covered in MUSC 201 - MUSC 202 is applied on a larger scale, dealing with the articulation of form. Assignments may include composition and/or analysis of minuets and trios, rondos, and sonata forms. The second part of the course transitions to the study of late 19th and early 20th century compositional practices which developed in Europe and the United States.

MUSC 302 - Contemporary Music Theories, Styles, and Techniques

Fall (4) DeLaurenti, Hulse, Serghi Prerequisite(s): MUSC 301
This course concerns the study of modern music theories and compositional styles and techniques. Examples include early 20th century tonality, serialism, pointillism, chance music, computer-assisted and algorithmic composition, electroacoustic music, modernism, postmodernism and 21st-century trends.

MUSC 307 - Independent Composition II

Fall and Spring (4) DeLaurenti, Dominique, Hulse, Serghi Prerequisite(s): MUSC 207
The student will pursue original work and engage selected analytical issues raised by this work.

MUSC 309 - Instrumentation and Orchestration

Spring (4) grandis, Serghi Prerequisite(s): MUSC 201
This class focuses on the rudiments of instrumental usage: their written application to pure and mixed ensembles in general and the modern orchestra in particular.

MUSC 321 - Conducting II

Spring (3) Armstrong, Bartlett, Grandis Prerequisite(s): MUSC 221
Students are strongly encouraged to have ensemble experience. This course builds on and adds to techniques introduced in Conducting I. There will be more emphasis on score study and analysis, and on rehearsal techniques. Students will continue to hone transposition and clef-reading skills and will be expected to know the ranges and technical capabilities of instruments. There will be extensive in-class conducting throughout the term. Students should have experience performing in an ensemble and will conduct a major ensemble as the final examination.

MUSC 325 - Jazz Arranging and Composing

Offered occasionally (4) Staff Prerequisite(s): MUSC 201 or consent of instructor
An introduction to basic techniques of arranging and composing for small or large jazz ensembles. Students will be given the opportunity to write for the William & Mary Jazz Ensemble as well as for combos formed by class members.

MUSC 345 - Seminar in Music Research

Fall, Spring (4) Armstrong, Katz, Murchison, Payne, Preston, Rasmussen, Staff Prerequisite(s): MUSC 201 and MUSC 213; MUSC 241 strongly recommended
This course offers instruction in identifying research problems and developing methods to solve them. Students will learn to formulate research projects, build bibliographies, evaluate primary and secondary sources, develop critical thinking skills, gain command of electronic research techniques and musical applications, and sharpen writing skills. Each class will focus on an area of specialized research. Majors are recommended to take the course during their sophomore or junior year. This course fulfills the music major writing and computer proficiency requirements and may be repeated for credit.

MUSC 350 - Special Topics in Music Performance

Spring (1-4) Staff (May fulfill GER 6 requirements, depending on the topic. Contact the professor for information.)
This course is an in-depth exploration of one particular element of music performance. This is a variable credit course, taught by faculty in the Music Department or faculty in other departments (as a course cross-listed with Music). Example topics: Vocal Jazz Improvisation; Theatre Performance Seminar; Techniques of Accompanying. Note: This course may be repeated for credit (Cross listed as THEA 479)

MUSC 363 - Interdisciplinary Topics in Music

Fall, Spring (as available) (1-4) Staff Prerequisite(s): Varies by course
This is an upper-level music course, usually without music prerequisites and frequently cross-listed with other departments. The expectations in the course will be of upper-level work in the humanities, but without the expectation of advanced musical literacy or theoretical knowledge. Topics might include Music in the Harlem Renaissance, Music in Colonial and Federal Period Virginia, Musical Theatre, etc. May fulfill COLL 200 requirement depending on topic. This course may be repeated if the topic varies.

MUSC 365 - Topics in Music

Fall, Spring (as available) (4) Staff Prerequisite(s): Varies by course *(May fulfill GER 4 or 5 requirements, depending on the topic. Contact the professor for information.)*
This course is an upper-level music course with prerequisites set by the instructor; it is an in-depth exploration of a limited historical or theoretical topic in music. Recent topics have included: the Symphony, Chamber Music, Beethoven, American Modernist Music, Musical Culture of Medieval Paris, Music of the South, Keyboard Music, Opera, and The Music of J. S. Bach. This course may be repeated for credit if the topic varies

MUSC 367 - Topics in Ethnomusicology

Fall, Spring (as available) (4) Katz, Rasmussen, Staff Prerequisite(s): MUSC 241 or consent of instructor *(May fulfill GER 4 or 5 requirements, depending on the topic. Contact the professor for information.)*
This course is designed as an upper-level exploration of the music culture of a geographical/cultural area (e.g., the Middle East, Asia, Latin America) or of a particular topic (e.g., Music and Gender, Post-Colonial Perspectives in World Music, Music and Religion in Cross-Cultural Perspective). This course may be repeated for credit

MUSC 372 - Music Cultures of the Middle East

(4) Rasmussen (GER 4B)
This interdisciplinary course explores Arab, Turkish, Persian, North African, Central Asian, and diasporic traditional and popular music in terms of social history, cultural policy, musical styles, repertoires, and techniques. Students of Music/Ethnomusicology, International Studies, & Arabic are welcome.

MUSC 373 - Music in the United States

Spring (4) Murchison, Preston, Staff Prerequisite(s): MUSC 213 or consent of instructor *(GER 5)*
This course is an inclusionary study of the history, culture, and literature of music in the United States. American folk, popular, sacred, and art musics will be studied. A special emphasis will be on the "American experience" and its cultural relationship to musical expression.

MUSC 375 - Music and Film

Fall (4) Preston (GER 5)
An introduction to the world of sound and music as utilized in film. Materials introduced chronologically, with units on late 19th-century musical theatre, music of ìsilentî films, early sound films (1930s), the studio system, compilation scores, electronic techniques, reintroduction of orchestral scores (1970s), and developments since the 1980s. Course content is primarily non-technical, but students should be familiar with film-studies and music-studies terms and concepts. (Crosslisted with AMST 350 and FILM 401)

MUSC 381 - Medieval and Renaissance Music

Spring (4) Payne Prerequisite(s): Two 4-credit music courses or consent of the instructor. MUSC 213 strongly recommended *(GER 5)*
This course covers the development of Western music from chant through the beginnings of sacred polyphony and the corresponding growth of secular vocal and instrumental music up to the end of the 16th century. Forms, styles, composers, modes of performance, and the place of music within the cultural context will be studied.

MUSC 383 - The Baroque and Classic Period

Fall (4) Armstrong, Payne, Preston Prerequisite(s): MUSC 213 or consent of instructor *(GER 5)*
This course covers the development of Western European music within the social and cultural context of the 17th and 18th centuries. Major composers include Monteverdi, Lully, Purcell, Handel, Bach, Haydn, and Mozart.

MUSC 385 - The Romantic Period

Spring (4) Armstrong, Murchison, Preston Prerequisite(s): MUSC 213 or consent of the instructor *(GER 5)*
This course is a survey of classical music of the 19th century in Western Europe and the United States. Major composers studied include Beethoven, Schubert, Schumann, Gottschalk, Liszt, Wagner, Verdi, Brahms, and Mahler.

MUSC 387 - Music of the Twentieth Century

Fall (4) Murchison Prerequisite(s): MUSC 213 or consent of the instructor *(GER 5)*
This course focuses on the development of European and American art-music from Debussy, Stravinsky, Schoenberg and their contemporaries, through the post-World War II avant-garde to the present.

MUSC 388 - Music and Philosophy

Fall and Spring (4) Hulse (GER 7)
Music as a medium of human expression has long mystified philosophers, and the philosophical questions implicit to music have been debated for centuries by musicians. Through readings and directed listenings, this course examines these questions in a modern context.

MUSC 391 - Projects in Music

Fall and Spring (1-4) Staff Prerequisite(s): Two 4-credit music courses
Directed independent study resulting in a research paper in music history, theory, conducting, or a composition. Independent study resulting in a performance (a recital or lecture-recital) is normally awarded one hour of credit.

MUSC 407 - Independent Composition III

Fall and Spring (4) DeLaurenti, Dominique, Hulse, Serghi Prerequisite(s): MUSC 307
The student will pursue original work and engage selected analytical issues raised by this work.

MUSC 465 - Seminar in Music

Fall, Spring (as available) (4) Staff Prerequisite(s): Consent of instructor
Intensive exploration (intended for upper division students) of a limited historical or theoretical topic. Topics to be offered will be announced the semester prior to its being taught. Recent topics have included: The Political Economy of Modernism; 19th-Century American Musical Theatre; Alan Lomax and the Music of Williamsburg. This course may be repeated for credit (May be cross listed with AMST 470 and 570.)

MUSC 467 - Seminar in Ethnomusicology

Fall, Spring (as available) (4) Katz, Rasmussen, Staff Prerequisite(s): MUSC 241 and MUSC 367 or consent of the instructor *(May fulfill GER 4 requirements, depending on the topic. Contact the professor for information.)*
This course explores ethnomusicology through contemporary literature and the formative works in the field including material from anthropology, performance studies, ethnographic film, and folklore. Participants will conduct fieldtrips and fieldwork, including interviewing, participant observation, multi-media documentation, and ethnographic writing. This course may be repeated for credit

MUSC 481 - Advanced Projects in Conducting

Fall and Spring (1-4) Armstrong, Bartlett, Grandis
Supervised pre-professional study in conducting. The student will create a scholarly or creative work as a culmination of significant preparatory research and/or rehearsal.

MUSC 482 - Advanced Projects in Musicology

Fall and Spring (1-4) Armstrong, Murchison, Payne, Preston
Supervised pre-professional study in musicology. The student will create a scholarly or creative work as a culmination of significant preparatory research and/or rehearsal.

MUSC 483 - Advanced Projects in Ethnomusicology

Fall and Spring (1-4) Katz, Rasmussen
Supervised pre-professional study in ethnomusicology. The student will create a scholarly or creative work as a culmination of significant preparatory research and/or rehearsal.

MUSC 484 - Advanced Projects in Theory and Composition

Fall and Spring (1-4) Hulse, Serghi
Supervised pre-professional study in theory and composition. The student will create a scholarly or creative work as a culmination of significant preparatory research and/or rehearsal.

MUSC 491 - Senior Project

Fall and Spring (1) Staff
For senior music majors only. Directed independent study resulting in a full-length recital or substantive research paper exhibiting scholarly engagement with an original topic. In the case of a composer, the senior project usually results in an original composition or significant arrangement, either of which may be premiered

MUSC 495 - Senior Honors in Music

Fall, Spring (3) Staff
Students admitted to Honors study in Music are expected to complete supervised work in an area of special interest. This may be in performance, theory, music history, composition or a combination of these. The student will be examined orally on the study and closely related materials. Applications should be submitted by April of the junior year. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs; for Department of Music deadlines, see the Honors Policy form on the Department webpage.

MUSC 496 - Senior Honors in Music

Fall, Spring (3) Staff
Students admitted to Honors study in Music are expected to complete supervised work in an area of special interest. This may be in performance, theory, music history, composition or a combination of these. The student will be examined orally on the study and closely related materials. Applications should be submitted by April of the junior year. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs; for Department of Music deadlines, see the Honors Policy form on the Department webpage.

MUSC 498 - Internship

Fall and Spring (1-3) Staff

Music Lessions

MUSC B10-B40 - Individual Instruction in Trumpet

Fall and Spring v Vonderheide (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC B11-B41 - Individual Instruction in Horn

Fall and Spring v Wick (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels

(10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC B12-B42 - Individual Instruction in Trombone

Fall and Spring v Martell (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC B13-B43 - Individual Instruction in Tuba/Euphonium

Fall and Spring v DuBeau (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC G01-G02 - Group Instruction in Guitar

Fall and Spring (1) Olbrych (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC G10-G40 - Individual Instruction in Guitar

Fall and Spring v Olbrych (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as

many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC G11-G41 - Individual Instruction in Lute/Baroque Guitar

Fall and Spring v Olbrych (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC H10-H40 - Individual Instruction in Harp

Fall and Spring v Jellison (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J10-J40 - Individual Instruction in Jazz: Brass

Fall and Spring v Ransom (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J12-J42 - Individual Instruction in Jazz: Woodwind

Fall and Spring v Nesbit (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J14-J44 - Individual Instruction in Jazz: Keyboard

Fall and Spring v Lyttle, Simon (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J15-J45 - Individual Instruction in Jazz: Voice

Fall and Spring v Nakasian (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J16-J46 - Individual Instruction in Jazz: Guitar

Fall and Spring v Beckner (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J17-J47 - Individual Instruction in Jazz: Harmonica

Fall and Spring v Simon (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J18-J48 - Individual Instruction in Jazz: Bass

Fall and Spring v Ponzi (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons

except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC J19-J49 - Individual Instruction in Jazz: Percussion

Fall and Spring v Jones (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC K01-K02 - Group Instruction in Piano

Fall and Spring (1) Bland, Lyttle, Marshall, Niehaus, Yefimova, Zwelling (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC K10-K40 - Individual Instruction in Piano

Fall and Spring v Bland, Lyttle, Marshall, Niehaus, Yefimova, Zwelling (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC K11-K41 - Individual Instruction in Organ

Fall and Spring v Marshall (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for

a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC K12-K42 - Individual Instruction in Harpsichord

Fall and Spring v Marshall (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC M10-M40 - Individual Instruction in Musicianship

Fall and Spring v Lyttle
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC N10-N40 - Individual Instruction in Mandolin

Fall and Spring v Frostic (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC P10-P40 - Individual Instruction in Percussion

Fall and Spring v Lindberg (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC S10-S40 - Individual Instruction in Violin

Fall and Spring v Mott, Via (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC S11-S41 - Individual Instruction in Viola

Fall and Spring v Mott (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC S12-S42 - Individual Instruction in Cello

Fall and Spring v Cary (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC S13-S43 - Individual Instruction in Bass

Fall and Spring v Gold (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC S15-S45 - Individual Instruction in Viola da Gamba

Fall and Spring v Glosson (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons

except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC V01-02 - Group Instruction in Voice

Fall and Spring (1) Connolly (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC V10-V40 - Individual Instruction in Voice

Fall and Spring v Connolly, Eason Fletcher, Fletcher (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC W10-W40 - Individual Instruction in Flute

Fall and Spring v Lawson (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC W11-W41 - Individual Instruction in Oboe

Fall and Spring v Aguirre (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for

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MUSC W12-W42 - Individual Instruction in Bassoon

Fall and Spring v Leisring (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC W13-W43 - Individual Instruction in Clarinet

Fall and Spring v Carlson (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC W14-W44 - Individual Instruction in Saxophone

Fall and Spring v Nesbit (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

MUSC W15-W45 - Individual Instruction in Recorder

Fall and Spring v Staff (ACTV, GER 6)
Students may register for 1 or 2 credits of individual instruction in music. Credits for lessons may be earned at any of four levels (10-, 20-, 30-, or 40-). Students at the beginning level may not sign up for more than one credit per semester. All music lessons except musicianship (M10-40) satisfy the GER 6 requirement, so long as at least 2 credits of instruction are in a single performance area (that is, lessons in voice or in one particular instrument, and also in one vocal or instrumental style if the department offers more than one category). Students cannot satisfy the GER 6 requirement, for example, by taking one credit each of beginning oboe and beginning guitar, or one credit each of jazz piano and classical piano. Although students may take as many credits of applied music lessons as they wish, a maximum of 14 credits may be applied toward the 120 credits required for a degree by those not majoring in Music. There is a fee for applied music lessons, including group lessons. The fee is $400 per credit hour. This fee is non-refundable after the add/drop period, and students will be charged a pro-rated fee, equal to 1/12 of the Applied Music fee, for each lesson a student receives from an Applied Faculty instructor prior to dropping an Applied Music course.

Native Studies [Back to Table of Contents]

The Native Studies Program

The Native Studies Minor focuses on the political sovereignty of indigenous societies and the historical experience of colonialism in the Americas and the Pacific. With a range of courses in Native history, literature, art history, archaeology, ethnography, museum studies and linguistics, the Minor is designed for those students who wish to learn in some depth the history, culture, language, and collective identities of indigenous peoples in the Americas, and who wish to acquire in-depth knowledge regarding tribal affairs, education, and public policies at the local and global levels.

Program

Native Studies, Minor

Required Credit Hours:

18 credits of core courses. At least 3 of those credits must be in ANTH courses. ANTH 225, ANTH 425, and ANTH 498 are limited to 3 credits each.

- AMST 350 - Literature of the Americas *(3)*
- AMST 470 - Mobility *(3)*
- AMST 470 - Sovereignty *(3)*
- ANTH 225 - Archaeological Field Methods *(6)*
- ANTH 322 - Archaeology of North America *(3)*
- ANTH 323 - Indians of North America *(3)*
- ANTH 324 - Indians of the Southwest *(3)*
- ANTH 325 - Sun Dance People *(3)*
- ANTH 329 - Native History and the Colonial Encounter *(3)*
- ANTH 338 - Native Cultures of Latin America *(3)*
- ANTH 350 - Museums and Representation *(3)*
- ANTH 350 - Peoples and Cultures of Polynesia *(3)*
- ANTH 362 - Knowledge, Learning and Cognition in "Non-Western" Societies *(3)*
- ANTH 425 - Advanced Archaeological Field Methods *(6)*
- ANTH 427 - Native People of Eastern North America *(3)*
- ANTH 459 - Tsenacomoco: Native Archaeology of the Chesapeake *(3)*
- ANTH 498 - Internship *(variable credit)*
- ARTH 396 - Art of the Andes *(3)*
- HIST 131 - Survey of Latin American History to 1824 *(3)*
- HIST 132 - Survey of Latin American History since 1824 *(3)*
- HIST 238 - American Indian History since 1763 *(3)*
- HIST 490 - Race and Ethnicity in Latin America *(4)*
- LING 464 - Native Languages of the South *(3)*

Additional Information:

Students must design their minor in consultation with a member of the Advisory Board. Additional electives may be considered.

Neuroscience [Back to Table of Contents]

Faculty

Professor

Looft-Wilson (Kinesiology and Health Sciences), Director.

Professor

Porter (Psychology), Program Coordinator

Affiliated Faculty:

Del Negro, **Smith** (Applied Science), **Bradley**, **Buchser**, **Cristol**, **Griffin**, **Heideman**, **Saha** (Biology), **Coleman** (Chemistry), **Deschenes** (Kinesiology and Health Sciences), **Barnet**, **Burk**, **Dickter**, **Forestell**, **Hilimire, Hunt**, **Kieffaber**, **Stevens**, **Vishton** (Psychology)

The Major

Our program brings together scientists from diverse disciplines committed to teaching and research aimed at understanding the mind, brain, and functions of the nervous system. Neuroscience encompasses multiple levels of biological organization ranging from molecular mechanisms of cellular physiology to complex behavior and cognitive processing. This comprehensive understanding includes comparative, evolutionary, and computational approaches to the neuroscience of human personality, society, and disease.

Neuroscience is a formalized program within the interdisciplinary studies major. Students wishing to declare their major in Neuroscience should contact Professor Porter in the Psychology Department for advising.

Program Objectives:

- To provide all of our students with a broad based understanding of the neurosciences, with the opportunity to focus their studies in advanced topics.
- To prepare students for advanced study at the graduate and professional level, including cellular and molecular physiology, cognitive and behavioral neuroscience, and the biomedical fields.
- To promote student engagement in original and independent research.
- To foster interdisciplinary approaches to problem solving through a diverse faculty, the curriculum, symposia, and additional neuroscience-related events.

For success in the Neuroscience Program a student must:

1. Achieve a high level of performance in introductory coursework in biology, chemistry, mathematics, and psychology.
2. Demonstrate mastery of the concepts in required coursework and their interdisciplinary application to neuroscience.
3. Develop a clear focus in elective coursework and research experience in collaboration with a faculty advisor/mentor.

Students who have successfully completed this program are prepared for graduate study, careers in academic and biomedical research, medicine, and health care related fields.

Program

Neuroscience, BS

Required Credit Hours:

A minimum of 33 (plus 28 credit hours in prerequisites). Exemptions to this requirement must be approved by the Program Director. Alterations in the prescribed curriculum, while not encouraged, may be petitioned to the Committee on Honors and Interdisciplinary Studies. The major writing requirement is satisfied by passing NSCI 300 - Writing in the Neurosciences or NSCI 495 - 496 - Honors in Neuroscience.

Prerequisite Courses:

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)*
- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*
- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)*
- CHEM 103 - General Chemistry I *(3)*
- CHEM 206 - Organic Chemistry I *(3)*

- MATH 111 - Calculus I *(4)* or
- MATH 131 - Calculus I for Life Sciences *(4)*

- MATH 112 - Calculus II *(4)* or
- MATH 132 - Calculus II for Life Sciences *(4)*

- PSYC 201 - Introduction to Psychology as a Natural Science *(3)*

- PSYC 301 - Elementary Statistics *(4)* or
- MATH 106 - Elementary Probability and Statistics *(3)* or
- KINE 394 - Statistics and Evaluation *(3)*

Required Courses:

- APSC 351 - Cellular Biophysics and Modeling *(3)*
- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 345 - Neurobiology *(3)*

- CHEM 307 - Organic Chemistry II for Life Sciences *(3)* or
- CHEM 209 - Organic Chemistry II *(3)*

- CHEM 308 - General Chemistry II for Life Sciences *(3)* or
- CHEM 305 - Inorganic and General Chemistry II *(3)* or
- CHEM 335 - Freshman Honors Chemistry *(3)*

- PSYC 311 - Cognitive Psychology *(3)*
- PSYC 313 - Physiological Psychology *(3)*

Additional Requirements:

A major must also complete at least four additional courses. Majors must take one course from the Behavioral and Cognitive Neuroscience electives and one course from the Cell/Systems Neuroscience electives. From the groupings below, the third elective should be selected from groups A-C and the fourth elective can be from any of the four groups A-D.

Group A: Behavioral and Cognitive Neuroscience

- BIOL 410 - Animal Behavior *(3)*
- PSYC 315 - Foundations of Learning and Memory *(3)*
- PSYC 317 - Sensation & Perception *(3)*
- PSYC 445 - Psychopharmacology *(3)*
- PSYC 447 - Cognitive Neuroscience *(3)*
- PSYC 470 Plastic Brain

Group B: Cell/Systems Neuroscience

- APSC 450 - Computational Neuroscience *(3)*
- BIOL 447 - Neurophysiology *(4)*
- CHEM 417 - Neurochemistry *(3)*
- KINE 485 - Cellular Basis of Neuromuscular Physiology *(3)*

Group C: Research Methods in Neuroscience

- NSCI 400 - Research in Neuroscience *(3 Credits)*
- PSYC 302 - Experimental Methods *(4)*
- PSYC 411 - Cognition and Thinking *(4)*
- PSYC 413 - Research in Physiological Psychology *(4)*
- PSYC 415 - Research in Animal Cognition *(4)*

Group D: Neuroscience-approved Electives

- BIOL 415 - General Endocrinology *(3)*
- BIOL 432 - Principles of Animal Physiology *(4)*
- BIOL 433 - Developmental Biology *(3)*
- BIOL 442 - Molecular Genetics *(3)*
- KINE 352 - Nutrition and the Brain *(3)*
- KINE 450 - Cardiovascular Physiology *(3)*

Course Descriptions

NSCI 300 - Writing in the Neurosciences

Fall and Spring 0 credits
Students majoring in Neuroscience fulfill the major writing requirement by working with an individual faculty member, typically in a lecture or research course. Lecture courses that offer sections of NSCI 300 are KINE 352 , PSYC 302, PSYC 413, PSYC 415, BIOL 433, BIOL 442 and CHEM 417. Declared majors should discuss the writing requirement with a faculty member during the first two weeks of the semester during which they would like to fulfill this requirement. Once accepted by a faculty member, the student will be given permission to enroll in the proper section of NSCI 300 by the faculty member. Students must register for this course during the add/drop period. The major computing requirement is satisfied by passing APSC 351 Cellular Biophysics and Modeling.

NSCI 400 - Research in Neuroscience

Fall and Spring (1-3)
Students will gain hands-on experience with Neuroscience research by working in a Neuroscience faculty member's laboratory. Neuroscience students attaining a total of 3 credit hours can use this course to fulfill one of their electives. Hours to be arranged. May be repeated for credit

NSCI 495 - 496 - Honors in Neuroscience

Fall and Spring (3, 3)
Neuroscience Honors students complete empirically-based research projects that are conducted under the supervision of a Neuroscience faculty member. Intention to pursue honors must be filed with the Charles Center no later than the first day of classes of the semester in which the student will begin their thesis. This is usually the fall semester of their senior year (two semesters before graduation). In order to graduate with a degree with Honors in Neuroscience a student must (a) complete a written thesis that will be submitted to the honors examination committee at least two weeks before the last day of classes and (b) pass, with satisfactory performance, a comprehensive oral examination. Note: For College provisions governing admission to Honors, see the catalog section titled Honors and Special Programs. For additional requirements see the Neuroscience website. Please visit the Program website for further information and updates. http://www.wm.edu/as/neuroscience.

Philosophy [Back to Table of Contents]

Faculty

Professors

Costelloe, Davies, **Ekstrom, Gert** (Haserot Professor - on leave 2016 - 2017), **Lemos** (Legum Professor), and **Radcliffe** (Chair)

Associate Professors

Costa, Freiman, Haug and Tucker

Assistant Professors

Griffith

Visiting Assistant Professors

Goldwater, McKinney and Vance

Philosophy Program

The department, through a varied and extensive program of courses, presents students with past and present attempts to think critically and reflectively about fundamental questions of knowledge and value in order that they will be led to examine their own views. The study of philosophical problems in the spirit of free inquiry requires the student to develop and exercise the powers of precise discrimination, creative imagination, logical organization and evaluative judgment.

Several sections of the introductory course are offered. A large number of middle-level courses are offered to meet the needs of students who wish to take courses that might be particularly relevant to their own field or major. (Many philosophy courses are particularly suited to the needs of students with interdisciplinary majors.) The department also offers specialized and intensive courses of a historical, methodological and systematic character for those students who wish to major in philosophy. A major may serve as a preparation for graduate study, or, as is more usually the case, as a sound foundation for a liberal education. Many majors go into professions such as law, where training in philosophical analysis is particularly advantageous.

Programs

Philosophy, BA

Required Credit Hours: 30

(Those who wish to prepare for graduate study in philosophy or in a related discipline will normally take more than this required minimum.)

Major Computing Requirement:

Two 400-level seminar courses with a grade of C- or better, and each student must produce at least one paper for each of these courses by word processor and certify that the paper was produced by the student in that manner.

Major Writing Requirement:

Successful completion of two 400 level courses, with a grade of C- or better.

Core Requirements:

A program for each major will be developed through consultation with a member of the philosophy faculty acting as a major advisor. Each program major must fulfill the following requirements:

History of Philosophy:

At least two courses, one selected from each group:

- PHIL 231 - Greek Philosophy *(3)* or
- PHIL 232 - Medieval Philosophy *(3)*

- PHIL 252 - 17th- and 18th-Century European Philosophy *(3)* or
- PHIL 253 - Kant and his Successors *(3)*

Value Theory:

At least one course selected from the following:

- PHIL 215 - Right and Wrong in the Contemporary World *(3)*
- PHIL 303 - Ethics *(3)*
- PHIL 304 - Aesthetics and Philosophy of Art *(3)*
- PHIL 305 - Social and Political Philosophy *(3)*
- PHIL 310 - Philosophy of Law *(3)*
- PHIL 403 - Advanced Topics in Value Theory *(3)*

Metaphysics & Epistemology:

At least one course selected from:

- PHIL 335 - Philosophy of Language *(3)*
- PHIL 345 - Philosophy of Mind *(3)*
- PHIL 350 - Theory of Knowledge *(3)*
- PHIL 375 - Metaphysics *(3)*
- PHIL 415 - Advanced Topics in Metaphysics and Epistemology *(3)*

Interdisciplinary Application:

At least one course selected from:

- PHIL 304 - Aesthetics and Philosophy of Art *(3)*
- PHIL 305 - Social and Political Philosophy *(3)*
- PHIL 310 - Philosophy of Law *(3)*
- PHIL 311 - Philosophy of Religion *(3)*
- PHIL 313 - Philosophy of Science *(3)*

- PHIL 320 - Philosophy and Feminism *(3)*
- PHIL 325 - Neuroscience and Ethics *(3)*
- PHIL 345 - Philosophy of Mind *(3)*

Logic Course:

- PHIL 210 - Critical Thinking *(3)* or
- PHIL 301 - Symbolic Logic *(3)*

  301 is especially recommended for those students who contemplate graduate study in philosophy.

Seminars:

At least two 400-level seminars (exclusive of PHIL 441, PHIL 442, PHIL 495 and PHIL 496)

Note:

The same course cannot be used to satisfy more than one of the above requirements. Majors are strongly encouraged to complete requirements 1, 2 and 3 before the end of the junior year.

Philosophy, Minor

Required Credit Hours: 21

Core Requirements:

In addition to a declaration of intention to minor filed with either the chair or the secretary of the department, each student must fulfill the following requirements:

History of Philosophy (At Least One Course)

- PHIL 231 - Greek Philosophy *(3)*
- PHIL 232 - Medieval Philosophy *(3)*
- PHIL 252 - 17th- and 18th-Century European Philosophy *(3)*
- PHIL 253 - Kant and his Successors *(3)*

Value Theory (At Least One Course)

- PHIL 215 - Right and Wrong in the Contemporary World *(3)*
- PHIL 303 - Ethics *(3)*
- PHIL 304 - Aesthetics and Philosophy of Art *(3)*
- PHIL 305 - Social and Political Philosophy *(3)*
- PHIL 310 - Philosophy of Law *(3)*
- PHIL 403 - Advanced Topics in Value Theory *(3)*

Metaphysics & Epistemology (At Least One Course)

- PHIL 335 - Philosophy of Language *(3)*
- PHIL 345 - Philosophy of Mind *(3)*
- PHIL 350 - Theory of Knowledge *(3)*
- PHIL 375 - Metaphysics *(3)*

- PHIL 415 - Advanced Topics in Metaphysics and Epistemology *(3)*

400-Level Seminar (At Least One Course)

Excluding PHIL 441, PHIL 442, PHIL 495, and PHIL 496

Note:

The same course cannot be used to satisfy more than one of the above requirements.

Course Descriptions

PHIL 100 - Critical Questions in Philosophy

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Philosophy for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word. Sample topics might include: freedom, mind, body, the human self, agency, knowledge, reality, and rationality.

PHIL 150 - First Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Philosophy. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

PHIL 201 - Introduction to Philosophy

Fall and Spring (3) Staff (GER 7)
An introduction to the problems, methods and scope of philosophical inquiry through readings from historical and contemporary sources. Typically, the readings include at least one dialogue of Plato, the Meditations of Descartes, and usually selections from other philosophers. Note: NOTE: Seniors may take this course only with the permission of the instructor. Students may not receive credit for both 150W and 201.

PHIL 205 - Meaning in Life

Fall and Spring (3) Staff (College 200, ALV, GER 7)
We spend an extraordinary amount of energy in our lives chasing something that we call "meaning": we seek out meaningful work, meaningful experiences, meaningful relationships, and we want, on the whole, to live meaningful lives. But what makes any of these things "meaningful" in the intended sense? In this class, we will explore this and related questions, focusing on how philosophy can help us articulate and understand the nature and value of meaning in life. We will also draw upon the resources of social sciences to explore the fragility of meaning in life and the traits of character that might allow us to weather crises of meaning with equanimity and grace. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

PHIL 210 - Critical Thinking

Fall and Spring (3) Staff (College 200, ALV, GER 7)
A survey of formal and informal logical techniques with emphasis on their practical applications and historical significance. Among the techniques studied are syllogistic logic, informal fallacies and induction. (This course is anchored in the ALV domain, and also considers aspects of the NQR domain.)

PHIL 215 - Right and Wrong in the Contemporary World

Fall and Spring (3) Staff (College 200, ALV, GER 7)
A course focused on particular moral issues facing contemporary society and the ethical arguments provoked by them. Topics discussed in the course may include, among others, abortion, euthanasia, hate speech, capital punishment, surrogacy, genetic engineering, war and nuclear arms. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

PHIL 231 - Greek Philosophy

Fall (3) Staff (GER 4A)
A critical examination of representative Greek philosophers with special emphasis on Plato and Aristotle. (Cross listed with CLCV 331)

PHIL 232 - Medieval Philosophy

Spring (3) Staff (ALV, GER 4A)
Analysis of selected writings of major medieval philosophers such as Augustine, Erigena, Anselm, Maimonides, Aquinas, Duns Scotus and Occam.

PHIL 252 - 17th- and 18th-Century European Philosophy

Fall (3) Staff (College 200, ALV, GER 4A)
This course is a critical study of the ideas, culture, world-view, and values of the leading philosophers of early-modern Europe whose work shaped the history of Western thought: Descartes, Hobbes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. Our study is informed by the context of the Enlightenment and the Scientific Revolution. Possible topics include the nature and existence of God, the existence of a soul, personal identity, the mind-body connection, the reliability of sense perception, knowledge of the external world, the possibility of free will, the cause and justification of political systems, and the basis and content of morality. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

PHIL 253 - Kant and his Successors

Spring (3) Staff Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301. *(CSI, GER 4A)*
An examination of Kant and some of the 19th-century philosophical responses to his philosophy (e.g., Hegel, Marx, Nietzsche).

PHIL 263 - Twentieth Century Continental Philosophy

Spring (3) Staff Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301.
This course examines major figures and themes in the tradition of twentieth century continental philosophy. Figures covered include Heidegger, Sartre, Foucault, Barthes, Derrida, Deleuze, and Lyotard.

PHIL 301 - Symbolic Logic

Fall (3) Staff (NQR)
An introduction to the principles of valid reasoning. Special emphasis will be given to modern symbolic techniques and some of their applications.

PHIL 303 - Ethics

Fall and Spring (3) Staff (College 200, ALV, GER 7)
An introduction to the problems of ethics and the nature of ethical reasoning. Included are historically important topics such as hedonism, egoism, utilitarianism and relativism, as well as contemporary moral issues such as abortion, euthanasia and civil disobedience. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

PHIL 304 - Aesthetics and Philosophy of Art

Fall (3) Staff Prerequisite(s): One course in philosophy, extensive experience in/of arts or consent of instructor *(GER 7)*
A philosophical examination of aesthetic perception and criteria of value. Special attention will be given to the elements of art and the function of form, symbol, expression and truth in art.

PHIL 305 - Social and Political Philosophy

Fall (3) Staff (College 200, ALV, GER 7)
A philosophical examination of major theories dealing with social and political issues such as governmental authority, individual rights, distributive justice, democracy and the importance of community. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

PHIL 306 - Philosophical Problems

Fall and Spring (1-3) Staff Prerequisite(s): Variable by topic *Prereq/Corequisite(s):* Variable by topic. *(ALV)*
A study of some major philosophical problems such as those concerning knowledge and reality, morality and conduct, and art and beauty. Special attention will be devoted to philosophical method.(See cross listed courses in, e.g., Music, Modern Languages, and Literature.) This course may be repeated for credit

PHIL 308 - Topics in Environmental Ethics

Fall (3) Staff (ALV, GER 7)
This course examines a number of ethical and political theories concerning the relation between human beings and the environment. It also discusses the obligations of human beings to other species and to future generations.

PHIL 309 - Philosophy and Public Policy

Spring (3) Staff (GER 7)
An introduction to theories of justice, democracy and citizenship, with special emphasis on their implications for law and public policy. Topics may include welfare, health care, education, and state funding of the arts.

PHIL 310 - Philosophy of Law

Spring (3) Staff (CSI, GER 7)
A critical examination of the concepts and arguments used in legal reasoning. Questions to be examined include: the nature of law, the grounds for obedience to law, the relationship of law to morality, and the grounds for legal punishment.

PHIL 311 - Philosophy of Religion

Fall or Spring (3) Staff Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301.
A philosophical investigation of the nature of religious experience, activity and belief. The course will also include an examination of such topics as those of God, freedom, immortality, arguments for existence of God and the problem of evil.

PHIL 313 - Philosophy of Science

Fall or Spring (3) Staff Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301.
A philosophical examination of the nature, validity and significance of scientific inquiry. Special attention will be given to the descriptive, explanatory and predictive aspects of scientific theories.

PHIL 320 - Philosophy and Feminism

Spring (3) Staff (GER 7)
This course examines two ways philosophy and feminism intersect: philosophical arguments are used to support particular feminist theories and to criticize competing theories; and feminist theory is used to criticize traditional philosophical theories of ethics, knowledge, and science.

PHIL 321 - Existentialism

Spring (3) Staff (GER 7)
An examination of important aspects of existentialism with readings in such philosophers as Kierkegaard, Nietzsche, Heidegger and Sartre. Some attention will also be given to the impact of these philosophical movements upon contemporary literature, religious thought and psychology.

PHIL 325 - Neuroscience and Ethics

Fall or Spring (3) Staff (College 200, ALV, NQR, GER 7)
An introduction to the interdisciplinary field of neuroethics, which explores both what the sciences of the mind can tell us about the nature of morality and how we should ethically respond to neuroscientific advances. (This course is anchored in the ALV and NQR domains.)

PHIL 335 - Philosophy of Language

Spring (3) Staff Prerequisite(s): PHIL 301 or consent of instructor
A survey of recent philosophical questions about language and meaning. Topics such as the following will be considered: reference, analyticity, speech acts, and semantic and syntactic theories. Focus will be on such figures as Russell, Austin, Quine, and Wittgenstein.

PHIL 345 - Philosophy of Mind

Fall or Spring (3) Haug Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301. *(NQR)*
Critical analysis of contemporary theories concerning the nature of consciousness, the concept of the person and personal identity, and some theories of the relation of the mind to the body.

PHIL 350 - Theory of Knowledge

Spring (3) Staff Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301. *(College 200, ALV)*
An examination of contemporary philosophical theories about such topics as the nature of knowledge, criteria for truth, perception, meaning, knowledge, validation of belief and skepticism. (This course is anchored in the ALV domain, and also considers aspects of the CSI and NQR domains.)

PHIL 375 - Metaphysics

Spring (3) Staff Prerequisite(s): One course in Philosophy, excluding PHIL 210 and PHIL 301.
A study of competing philosophical accounts of the nature of reality and the basic constituents of ontology. Topics may include persons, events, material objects, properties, propositions, and possible worlds.

PHIL 403 - Advanced Topics in Value Theory

Fall or Spring (3) Staff Prerequisite(s): Three courses in philosophy or consent of instructor
A study of selected normative and theoretical problems in moral philosophy, such as the justification of ultimate moral principles, theories of social justice, or freedom and moral responsibility. This course may be repeated for credit if there is no duplication of topics

PHIL 415 - Advanced Topics in Metaphysics and Epistemology

Fall or Spring (3) Staff Prerequisite(s): Three courses in Philosophy or consent of instructor
An advanced study of selected topics on the nature of reality and our knowledge of it. Students are expected to write research papers, present material, and discuss course topics in seminar fashion. This course may be repeated for credit if there is no duplication of topics

PHIL 422 - Great Philosophers

Spring (3) Staff Prerequisite(s): Three courses in Philosophy or consent of instructor *(ALV)*
A systematic study of the thought of a great philosopher such as Descartes, Spinoza, Hume or Wittgenstein. The particular philosopher to be studied is designated each time the course is offered. This course may be repeated for credit

PHIL 431 - Advanced Seminar in Philosophy

Fall (3) Staff Prerequisite(s): Three courses in philosophy or consent of the instructor.
Special advanced topics of interest to faculty and students will be discussed in seminar fashion. Students in the course are expected to write and present papers for discussion. This course may be repeated for credit

PHIL 432 - Advanced Seminar in Philosophy

Spring (3) Staff Prerequisite(s): Three courses in philosophy or consent of the instructor.
Special advanced topics of interest to faculty and students will be discussed in seminar fashion. Students in the course are expected to write and present papers for discussion. This course may be repeated for credit

PHIL 441 - Independent Study in Philosophy

Fall (3) Staff Prerequisite(s): Senior standing or eight courses in philosophy and departmental approval prior to registration *(ALV)*
Individually supervised study of special topics. (Description of requirements available on philosophy department website.) This course may be repeated for credit

PHIL 442 - Independent Study in Philosophy

Spring (3) Staff Prerequisite(s): Senior standing or eight courses in philosophy or departmental approval prior to registration *(ALV)*
Individually supervised study of special topics. (Description of requirements available on philosophy department website.) This course may be repeated for credit

PHIL 460 - Advanced Logic

Spring (3) Gert Prerequisite(s): PHIL 301 or consent of instructor *(NQR)*
Systematic investigation of topics in logic drawn from such areas as system construction, proof theory, modal and deontic logic, and abstract set theory.

PHIL 495 - Honors

Fall, Spring (3) Staff Prerequisite(s): Departmental approval prior to registration
Students wishing to do Honors work in philosophy should submit a written request to the chair by February 15 of their junior year. Students should see the department chair for a detailed statement of the requirements of the Honors program and the specification of the information that is to be included in the written request for Honors study. Note: See section on Major Honors program for general requirements and procedures.

PHIL 496 - Honors

Fall, Spring (3) Staff Prerequisite(s): Departmental approval prior to registration *(ALV)*
Students wishing to do Honors work in philosophy should submit a written request to the chair by February 15 of their junior year. Students should see the department chair for a detailed statement of the requirements of the Honors program and the specification of the information that is to be included in the written request for Honors study. Note: See section on Major Honors program for general requirements and procedures.

Physics [Back to Table of Contents]

Faculty

Professors

Tracy (Chair)(Chancellor Professor, Alfred Ritter Term Professor and Fellow with the Center for the Liberal Arts), **Armstrong** (Chancellor Professor), **Averett**, **Carlson** (Class of 1962 Professor), **Carone**, **Cooke**, **Delos**, **Erlich** (Class of 2017 Associate Professor)**, Griffioen**, **Hoatson**, **Krakauer**, **Lukaszew** (Virginia Micro-Electronics Consortium Distinguished Professor of Physics), **Manos** (CSX Professor of Physics and Applied Science), **McKeown** (Governor's Distinguished CEBAF Professor), **Nelson, Sher**, **Vahala**, and **Zhang**

Associate Professors

Aubin, Kordosky, Novikova, **Orginos, Qazilbash, Rossi** and **Vahle (**Mansfield Associate Professor of Physics)

Assistant Professors

Deconinck, **Dudek, Mikhailov,** and **Stevens**

Professors Emeritus

Champion (Chancellor Professor), **Eckhause**, **Gross**, **Kossler**, **McKnight**, **Perdrisat**, **Petzinger**, **Remler**, **Schone**, **von Baeyer** (Chancellor Professor), **Walecka** (Governor's Distinguished CEBAF Professor), and **Welsh** (Chancellor Professor).

TJNAF Professor

Carlini

Adjunct Professors

Bosted, **Melnitchouk, Osborne**, **Richards**, **Walker-Loud** and **Wolf**

Adjunct Associate Professor

Danehy

Research Professor

Venkataraman

Director of Teaching Labs

Hancock

Program

Traditionally, many physics undergraduates continue in graduate school in pursuit of Ph.D. degrees in physics or engineering. Students who complete a physics major also enter a variety of other fields, including among many others, archaeology, astronomy and astrophysics, biology, mathematics, computer science, high school teaching, law, medicine, environmental sciences, operations research, technical sales, industrial management, engineering and oceanography. Because physicists are scientific generalists, undergraduate work in physics followed by specialization in other areas has become one of the preferred preparations for many activities that are setting new directions in society. The requirements for major in physics are relatively flexible, and are designed to prepare people for either graduate work in physics or for later specialization in other areas.

Information on the program can be obtained through the World Wide Web at the address www.wm.edu/physics.

Graduate Program

The department offers the degrees of Master of Science and Doctor of Philosophy. Degree requirements and a full description of graduate courses in physics can be obtained through the World Wide Web at www.wm.edu/physics or you may request application forms by e-mail at grad@physics.wm.edu or by writing to the Chair of the Graduate Admission Committee in Physics.

Programs

Physics, BS

Required Credit Hours: 33

(Honors and the Premed track have additional requirements. See below.)

Major Computing Requirements:

The departmental computer proficiency requirement is satisfied through the completion of required course work and, in addition, by demonstrating programming ability. For this purpose, it is strongly recommended that physics concentrators take PHYS 256 or CSCI 141. Otherwise, programming proficiency may be demonstrated through the senior/honors research project or by examination.

Major Writing Requirements:

- PHYS 451 - Physics Research *(1-3)*
- PHYS 452 - Physics Research *(1-3)*

  or
- PHYS 495 - Honors *(3)*
- PHYS 496 - Honors *(3)*

Core Requirements:

Students completing a major in physics must take the following courses. Substitutions for these requirements must be approved by the departmental undergraduate committee and the chair. The requirement of senior project or Honors insures that all majors will engage in independent research during the senior year. Because of the extensive facilities available through the graduate program of the department, the senior projects generally deal with problems at the frontiers of physics. It is only through being actively involved in such pursuits that a student can appreciate the nature of the discipline.

- PHYS 101 - General Physics I *(3)*

  or
- PHYS 101H - General Physics I - Honors *(3)*
- PHYS 101L - General Physics I Laboratory *(1)*
- PHYS 102 - General Physics II *(3)*

  or
- PHYS 102H - General Physics II - Honors *(3)*
- PHYS 102L - General Physics II Laboratory *(1)*
- PHYS 201 - Modern Physics *(4)*
- PHYS 208 - Classical Mechanics of Particles and Waves I *(4)*
- PHYS 251 - Experimental Atomic Physics *(2)*
- PHYS 252 - Electronics *(2)*
- PHYS 313 - Quantum Mechanics I *(3)*
- PHYS 401 - Electricity and Magnetism I *(3)*

Two of the Four Courses:

- PHYS 303 - Classical Mechanics of Particles and Waves II *(3)*
- PHYS 314 - Quantum Mechanics II *(3)*
- PHYS 402 - Electricity and Magnetism II *(3)*

- PHYS 403 - Statistical Mechanics and Thermodynamics *(3)*

Additional Requirements:

- PHYS 451 - Physics Research *(1-3)*
- PHYS 452 - Physics Research *(1-3)*

  or
- PHYS 495 - Honors *(3)*
- PHYS 496 - Honors *(3)*

Additional Information:

Students who plan to attend graduate school in physics should take all of the courses listed above including the courses below. To prepare for some engineering or professional programs it may be appropriate to substitute courses or elect additional courses.

Suitable mathematics courses should also be taken, including the MATH courses listed below.

- PHYS 256 - Practical Computing for Scientists *(3)*
- PHYS 301 - Introduction to Mathematical Physics *(3)*
- PHYS 303 - Classical Mechanics of Particles and Waves II *(3)*
- PHYS 314 - Quantum Mechanics II *(3)*
- PHYS 402 - Electricity and Magnetism II *(3)*
- PHYS 403 - Statistical Mechanics and Thermodynamics *(3)*
- PHYS 351 - Scientific Instrumentation Laboratory *(2)*
- PHYS 352 - Experimental Modern Physics *(2)*

- MATH 111 - Calculus I *(4)*
- MATH 112 - Calculus II *(4)*

- MATH 212 - Introduction to Multivariable Calculus *(3,3)*
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 211 - Linear Algebra *(3,3)*

Physics, Minor

Required Credit Hours: 20

Core Requirements:

- PHYS 101 - General Physics I *(3)*
- PHYS 101L - General Physics I Laboratory *(1)*
- PHYS 102 - General Physics II *(3)*
- PHYS 102L - General Physics II Laboratory *(1)*

- PHYS 201 - Modern Physics *(4)*
- Three other Physics courses (two of which are numbered above 201).

Physics, Premed, BS

Core Requirements:

An alternative concentration for those who are planning to fulfill the requirements for entering medical school consists of the Physics courses listed below. A minimum of 30 credits in physics must be completed. In addition, this concentration requires the Chemistry/Biology courses listed below for a minimum of 42 credits.

- PHYS 101 - General Physics I *(3)*
- PHYS 101L - General Physics I Laboratory *(1)*
- PHYS 102 - General Physics II *(3)*
- PHYS 102L - General Physics II Laboratory *(1)*

  or
- PHYS 107 - Physics for the Life Sciences I *(3)*
- PHYS 107L - Physics for the Life Sciences I Lab *(1)*
- PHYS 108 - Physics for the Life Sciences II *(3)*
- PHYS 108L - Physics for the Life Sciences II Lab *(1)*

- PHYS 201 - Modern Physics *(4)*
- PHYS 208 - Classical Mechanics of Particles and Waves I *(4)*
- PHYS 251 - Experimental Atomic Physics *(2)*
- PHYS 252 - Electronics *(2)*
- PHYS 313 - Quantum Mechanics I *(3)*
- PHYS 401 - Electricity and Magnetism I *(3)*
- PHYS 451 - Physics Research *(1-3)*
- PHYS 452 - Physics Research *(1-3)*

- CHEM 209 - Organic Chemistry II *(3)*
- CHEM 353 - Organic Chemistry Laboratory II *(1)*
- CHEM 305 - Inorganic and General Chemistry II *(3)*
- CHEM 354 - General Chemistry Laboratory II *(1)*

  or
- CHEM 307 - Organic Chemistry II for Life Sciences *(3)*
- CHEM 353 - Organic Chemistry Laboratory II
- CHEM 308 - General Chemistry II for Life Sciences *(3)*
- CHEM 354 - General Chemistry Laboratory II

- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)*
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)*

  or
- BIOL 225 - Introduction to Molecules, Cells, Development *(3)*
- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)*

Course Descriptions

PHYS 100 - Concepts and Questions in Physics

Fall and Spring (4) Staff (College 100)
An exploration of significant questions, concepts, theories and discoveries in physics and astronomy for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

PHYS 101 - General Physics I

Fall (3) Armstrong Corequisite(s): MATH 111 - MATH 112 recommended *(NQR, GER 2A)*
PHYS 101-102 is a two-semester calculus-based sequence designed to develop an understanding of the fundamental concepts of physics for students considering majoring in one of the sciences or mathematics. Emphasis in Physics 101 is placed upon Newtonian mechanics and applications. Co-registration in the laboratory PHYS 101L is not required, but strongly encouraged. Students may receive credit for only one of PHYS 101, 101H, or 107.

PHYS 101H - General Physics I - Honors

Fall (3) Vahle Prerequisite(s): Instructor Permission *Corequisite(s):* MATH 111 - MATH 112 recommended *(GER 2A)*
PHYS 101H is an honors section of PHYS 101 that is open to students who have a good preparation for and a strong interest in physics. Physics 101H offers a more in-depth treatment of topics covered in PHYS 101, and includes more sophisticated examples. Prior exposure to calculus will be assumed. Co-registration in the laboratory PHYS 101L is not required, but strongly encouraged. Students may receive credit for only one of PHYS 101, 101H, or 107.

PHYS 101L - General Physics I Laboratory

Fall (1) Hancock. Corequisite(s): PHYS 101 / PHYS 101H, PHYS 102 /PHYS 102H *(GER 2A Lab)*
Laboratory techniques in general physics. Two and one half laboratory hours. There is a fee associated with the laboratory.

PHYS 102 - General Physics II

Spring (3) Vahle Prerequisite(s): PHYS 101 *Corequisite(s):* MATH 111 - MATH 112 recommended *(GER 2A)*
PHYS 101-102 is a two-semester calculus-based sequence designed to develop an understanding of the fundamental concepts of physics for students considering majoring in one of the sciences or mathematics. Emphasis in Physics 102 is placed upon thermodynamics, electricity and magnetism,
waves, optics, and applications. Co-enrollment in the laboratory PHYS 102L is strongly encouraged. Students may receive credit for only one of PHYS 102, 102H, or 108.

PHYS 102H - General Physics II - Honors

Spring (3) Vahle Prerequisite(s): Instructor Permission *Corequisite(s):* MATH 111 - MATH 112 recommended *(GER 2A)*
PHYS 102H is an honors section of PHYS 102 that is open to students who have a good preparation for and a strong interest in physics. Physics 102H offers a more in-depth treatment of topics covered in PHYS 102, and includes more sophisticated examples. Prior exposure to calculus will be assumed. Co-registration in the laboratory PHYS 102L is not required, but strongly encouraged. Students may receive credit for only one of PHYS 102, 102H, or 108.

PHYS 102L - General Physics II Laboratory

Spring (1) Hancock Corequisite(s): PHYS 101 /PHYS 101H, PHYS 102 /PHYS 102H) *(GER 2A Lab)*
Laboratory techniques in general physics. Two and one half laboratory hours. There is a fee associated with the laboratory.

PHYS 107 - Physics for the Life Sciences I

Fall (3) Delos, Staff (NQR, GER 2A)
PHYS 107-108 is a two-semester algebra-based sequence designed to cover the fundamental concepts of physics for students in the life sciences, including pre-meds. Emphasis is placed on Newtonian mechanics, fluids and waves. High school science as

well as algebra and trigonometry are
assumed. Co-registration in the laboratory PHYS 107L is not required, but strongly encouraged. Students may receive credit for only one of PHYS 101, 101H, or 107. Note: PHYS 101

PHYS 107L - Physics for the Life Sciences I Lab

Fall (1) Hancock Corequisite(s): PHYS 107, PHYS 108 *(GER 2A Lab)*
Laboratory techniques in physics for the life sciences. Two and one half laboratory hours. There is a fee associated with the laboratory.

PHYS 108 - Physics for the Life Sciences II

Spring (3) Stevens, Staff Prerequisite(s): PHYS 107 *(NQR, GER 2A)*
PHYS 107-108 is a two-semester algebra-based sequence designed to cover the fundamental concepts of physics for students in the life sciences, including pre-meds. Emphasis is placed on thermodynamics, electric and magnetic fields, simple circuits, optics and some modern physics. High
school science as well as algebra and trigonometry are assumed. Co-registration in the laboratory PHYS 108L is not required, but strongly encouraged. Students may receive credit for only one of PHYS 102, 102H, or 108.

PHYS 108L - Physics for the Life Sciences II Lab

Spring (1) Hancock Corequisite(s): PHYS 107, PHYS 108 *(GER 2A Lab)*
Laboratory techniques In physics for the life sciences. Two and one half laboratory hours. There is a fee associated with the laboratory.

PHYS 121 - Physics of Music

Fall (3) (GER 2A)
Basic concepts of physics, particularly acoustics, needed for an understanding of the properties of sound and music. The course will be in the form of a workshop and students will participate in the performance of experiments which illustrate the ideas.

PHYS 150 - First-Year Seminar

Fall or Spring (4) Staff (College 150)
An exploration of a specific topic in physics and astronomy. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

PHYS 155 - Freshman Research

Fall and Spring (1-3) Staff Prerequisite(s): Instructor Permission
Research opportunity for Freshmen having an unusually strong background in Physics. Students will work with an individual faculty member on a research project.

PHYS 171 - Planetary and Stellar Astronomy

Fall (3) Hancock (College 200, NQR)
This course is intended for anyone interested in learning about planetary and stellar astronomy. (Galactic astronomy and cosmology are covered in PHYS 172: Stellar and Galactic Astronomy and Cosmology.) In addition to our coverage of the scientific ground of the subject, we will also discuss the technological advances that have made major discoveries possible. Along the way, we will include two interludes of a week's duration each that will allow us to explore the wider historical context of the material, via exploration of historical periods that have important Astronomy events in them and also connections to Theater through analysis of the play "Galileo" by Bertolt Brecht and Copenhagen by Michael Frayn. (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.)

PHYS 172 - Stellar and Galactic Astronomy and Cosmology

Spring (3) Sher (College 200, NQR)
Star classifications, stellar evolution and stellar remnants, distance scales in the universe, galactic structure and evolution, galactic superclusters. The past history of the universe and the experimental evidence for the big bang. The beginning and the end of the universe. Included will be discussions of the historical ramifications of the discoveries of the early 20th century and the philosophical implications of study of the beginning of the universe (or universes). (This course is anchored in the NQR domain, and also considers aspects of the ALV and CSI domains.)

PHYS 177 - Astronomy Laboratory (Lab)

Fall and Spring (1) Hancock Prereq/Corequisite(s): PHYS 176 *(NQR)*
A series of experiments is undertaken with the goal of understanding both the scientific method of measurement and the laws of nature as they apply to astronomy. Two and one-half laboratory hours. There is a fee associated with the laboratory.

PHYS 201 - Modern Physics

Fall (4) Sher Prerequisite(s): PHYS 101, PHYS 102 or PHYS 107, PHYS 108 *(College 200, NQR)*
20th-century developments in physics. Relativity theory; the nature of space and time, the paradox of the twins, the equivalence of mass and energy. Introductory quantum theory; the particle nature of light, the wave nature of electrons, atomic and molecular structure, the structure of the nucleus and the discovery of new particles. This course is appropriate for all those majoring in science or mathematics. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

PHYS 208 - Classical Mechanics of Particles and Waves I

Spring (4) Delos Prerequisite(s): PHYS 201
The simple harmonic oscillator, coupled oscillations and normal modes, variational methods, Lagrangian and Hamiltonian mechanics, central forces. Overview of relevant mathematical methods.

PHYS 213 - Introduction to Modern Optics

Fall (3) Novikova (College 200, NQR)
This course introduces the basic optics concepts and their applications, such as geometrical optics and optical instrumentation design; wave optics and interaction with matter; quantum optics and lasers. Connections to visual arts are explored and practiced. (This course is anchored in the NQR domain, and also considers aspects of the ALV domain.)

PHYS 251 - Experimental Atomic Physics

Fall (2) Kordosky Prerequisite(s): PHYS 101L or PHYS 107L, PHYS 102L or PHYS 108L *Corequisite(s):* PHYS 201
Fundamental experiments in atomic physics. Modern scientific methods and instruments are used in such classic experiments as the measurement of the speed of light, the Millikan oil drop experiment, the photo-electric effect and optical spectroscopy.

PHYS 252 - Electronics

Spring (2) Averett Prerequisite(s): PHYS 102 / PHYS 102L or PHYS 108 / PHYS 108L
Introduction to electronics, with an emphasis on analog circuits. Theory, design, simulation, debugging, and application of circuits using passive and active components.

PHYS 255 - Sophomore Research

Fall and Spring (1-3) Staff Prerequisite(s): Instructor Permission
Research opportunity for Sophomores having an unusually strong background in Physics. Students will work with an individual faculty member on a research project.

PHYS 256 - Practical Computing for Scientists

Fall (3) Mikhailov Prerequisite(s): MATH 112
This course will focus on breaking scientific problems into algorithmic pieces that can be solved using computational methods in MATLAB. Root finding, linear and non-linear equations, numerical modeling, optimization, random processes, graphical data presentation and fitting, scientific documentation preparation.

PHYS 301 - Introduction to Mathematical Physics

Spring (3) Dudek Prerequisite(s): MATH 212 or MATH 213
Vector analysis, complex variables, matrices, series solutions of differential equations, orthogonal functions and partial differential equations.

PHYS 303 - Classical Mechanics of Particles and Waves II

Fall (3) Orginos Prerequisite(s): PHYS 208
Scattering, rigid body rotation, inertia tensor, noninertial frames, continuum mechanics and wave motion, special relativity, nonlinear dynamics and chaos.

PHYS 309 - Undergraduate Seminar

Spring (1) Cooke
Discussion of contemporary research in physics. Faculty members give survey talks during the first part of the semester. During the second part, students give talks based on their reading and research. May be repeated for credit.

PHYS 313 - Quantum Mechanics I

Fall (3) Griffioen Prerequisite(s): PHYS 201, PHYS 208
Fundamentals of non-relativistic quantum mechanics, solutions of the Schrodinger equation in one and three dimensions, symmetry, identical particles.

PHYS 314 - Quantum Mechanics II

Spring (3) Griffioen Prerequisite(s): PHYS 201, PHYS 208
Perturbation theory and other approximate methods, applications of quantum mechanics for atomic, solid state and nuclear physics.

PHYS 351 - Scientific Instrumentation Laboratory

Fall (2) Cooke
Design and construction of digital circuits. Computer-based control of digital devices used in experimental research.

PHYS 352 - Experimental Modern Physics

Spring (2) Hancock
Experiments in atomic, nuclear, solid state and elementary particle physics.

PHYS 355 - Junior Research

Fall and Spring (1-3) Staff Prerequisite(s): Instructor Permission
Research opportunity for Juniors having an unusually strong background in Physics. Students will work with an individual faculty member on a research project.

PHYS 357 - Careers in Physics

Fall (1) Qazilbash
Presentations and discussion of a wide spectrum of career options for physics graduates. Invited speakers from private enterprises, the public sector, and nonprofit organizations will describe opportunities and experiences in their professions. Course may be repeated for credit when the instructor determines there will not be duplication of material.

PHYS 401 - Electricity and Magnetism I

Spring (3) Kordosky Prerequisite(s): PHYS 208
Development of the theory of electricity and magnetism including electrostatics, magnetostatics and Maxwell's equations.

PHYS 402 - Electricity and Magnetism II

Spring (3) Aubin Prerequisite(s): PHYS 401
Continued development of the theory of electromagnetism, Maxwell's equations, electromagnetic waves and radiation, and special relativity.

PHYS 403 - Statistical Mechanics and Thermodynamics

Fall (3) Averett Prerequisite(s): PHYS 201
Introduction to quantum statistical mechanics and thermal physics. Definitions of accessible quantum states, entropy, free energy, temperature and partition function for non-interacting systems. Derivation and interpretation of the physical and thermodynamic properties of classical and quantum gases, solids, thermal radiation and diffusive equilibrium.

PHYS 404 - Quantum Physics: Research Applications

Spring (3) Novikova Prerequisite(s): PHYS 313, PHYS 314
Applications of quantum physics to modern research topics. The course will focus on areas (to be determined by the instructor) such as: electronic and magnetic properties of solids, atomic and optical physics, or nuclear and particle physics. May be repeated for credit when the instructor determines that there will not be a duplication of material

PHYS 451 - Physics Research

Fall and Spring (1-3) Hoatson
Independent study including bibliographic and experimental or theoretical research and a research paper. The student will be required to submit a preliminary draft of the research paper during the first semester and will be expected to work closely with an advisor both in the actual research and in preparation of an acceptable report. If satisfactorily completed, this course will meet the departmental writing requirement.

PHYS 452 - Physics Research

Fall and Spring (1-3) Hoatson
Independent study including bibliographic and experimental or theoretical research and a research paper. The student will be required to submit a preliminary draft of the research paper during the first semester and will be expected to work closely with an advisor both in the actual research and in preparation of an acceptable report. If satisfactorily completed, this course will meet the departmental writing requirement.

PHYS 476 - Modern Astrophysics

Spring (3) Mikhailov Prerequisite(s): PHYS 303, PHYS 313 *Corequisite(s):* PHYS 401
An introduction of modern astrophysics. Topics may include stellar characteristics and evolution, galactic structure, cosmology, general relativity and the tools and techniques of astronomy and astrophysics.

PHYS 481 - Topics in Physics

Fall (1-3) Staff Prerequisite(s): Consent of instructor
May be repeated for credit when the instructor determines that there will not be a duplication of material.

PHYS 482 - Topics in Physics

Spring (3) Krakauer Prerequisite(s): Consent of instructor
May be repeated for credit when the instructor determines that there will not be a duplication of material.

PHYS 495 - Honors

Fall, Spring (3) Hoatson
Students admitted to Honors study in physics will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for (a) reading and discussion of a selected list of books in some specific area of the literature of physics; (b) the preparation and presentation by April 15 of an Honors essay based on the student's own research, or part of a major research project; (c) satisfactory completion of a comprehensive oral examination on essay and related topics. If successfully completed this course will satisfy the College writing requirement. For students graduating before Spring 2015: In addition to the major course requirements, the department requirements for Honors specify PHYS 303 and PHYS 351, as well as either PHYS 314 or PHYS 402. For students graduating Spring 2015 or later: In addition to the major course requirements, the department requirements for Honors specify PHYS 314 and PHYS 403 , as well as either PHYS 303 or PHYS 402 , and either PHYS 351 or PHYS 352 . Students graduating in Spring 2015 may choose to use the earlier set of course requirements instead. In applying for Honors, students must submit a proposal to the undergraduate committee during the semester preceding enrollment. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

PHYS 496 - Honors

Fall, Spring (3) Hoatson (NQR)
Students admitted to Honors study in physics will be enrolled in this course during both semesters of their senior year. Each candidate will be responsible for (a) reading and discussion of a selected list of books in some specific area of the literature of physics; (b) the preparation and presentation by April 15 of an Honors essay based on the student's own research, or part of a major research project; (c) satisfactory completion of a comprehensive oral examination on essay and related topics. If successfully completed this course will satisfy the College writing requirement. For students graduating before Spring 2015: In addition to the major course requirements, the department requirements for Honors specify PHYS 303 and 351 PHYS 351 , as well as either PHYS 314 or PHYS 402 . For students graduating Spring 2015 or later: In addition to the major course requirements, the department requirements for Honors specify PHYS 314 and PHYS 403 , as well as either PHYS 303 or PHYS 402 , and either PHYS 351 or PHYS 352 . Students graduating in Spring 2015 may choose to use the earlier set of course requirements instead. In applying for Honors, students must submit a proposal to the undergraduate committee during the semester preceding enrollment.
Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Psychology [Back to Table of Contents]

Faculty

Professors

Hunt, **Kirkpatrick**, **Langholtz**, **Nezlek**, **Nichols** and **Zeman**

Associate Professors

Burk (Chair), **Ball**, **Barnet**, **Burk**, **Dallaire**, **Dickter, Forestell**, **Kieffaber**, **Pilkington**, **Stevens** (on leave Spring 2017), **Thrash**, and **Vishton** (on leave Spring 2017)

Assistant Professors,

Conway, Hillimire, Raposa, and **Schug**

Senior Lecturers

Porter

Lecturers

Sinton and **Skordos**

Adjunct Faculty

Bierenbaum, **Bisconer**, **Burkett**, **Cone, Frieden**, and **McIntosh**

Professor Emeritus

Derks, **Galano**, **Shean, Ventis** and **Watson**

Description of Curriculum

Courses numbered 310-318 are lecture courses, intended for both majors and non-majors. Courses numbered 350-395 are lecture courses intended primarily for majors, although non-majors interested in the subject matter may enroll. Courses numbered 401-409 are practica courses, in which students gain practical experience. They are intended primarily for majors, although non-majors with appropriate qualifications can enroll. Courses numbered 410-422 are seminar-sized laboratory courses intended primarily for majors. Each of these courses provides students with advanced training in the scientific methods of a particular subdiscipline within psychology. Courses numbered 440-469 are seminars, and audiences for these courses will vary from course to course. Contact individual instructors for details. All students preparing for graduate study in Psychology, whether or not they are majors, are advised to obtain practical experiences in areas appropriate to their interest. Well qualified undergraduate students may also be eligible to enroll in a graduate level course (see graduate course catalog) and receive graduate course credit. Students can petition for a graduate class to count as an upper level elective course. **Students must obtain instructor and Dean's approval to enroll in a graduate level course.**

Programs

Psychology, BA

Required Credit Hours: 36

Major Computing Requirement:

- PSYC 301 - Elementary Statistics *(4)*

Major Writing Requirement:

To fulfill the Major Writing Requirement majors must earn a grade of "C-" or better in either:

- PSYC 302 - Experimental Methods *(4)* or
- Any advanced research course in psychology

Major Requirements:

The Psychology major is intended to provide the student with a breadth of knowledge from natural and social science perspectives. Course offerings are categorized accordingly: in general, odd numbered courses reflect a natural perspective while even numbered courses reflect a social perspective.

Core Courses:

Introductory Package (take all of the following):

- PSYC 201 - Introduction to Psychology as a Natural Science *(3)*

- PSYC 202 - Introduction to Psychology as a Social Science *(3)*
- PSYC 301 - Elementary Statistics *(4)* *
- PSYC 302 - Experimental Methods *(4)*

*Statistics courses in other departments may not be substituted for PSYC 301

Electives:

Breadth Requirement

Take at least two from each category:

Social Science

- PSYC 310 - Developmental Psychology *(3)*
- PSYC 312 - Personality Theory *(3)*
- PSYC 314 - Social Psychology *(3)*
- PSYC 318 - Abnormal Psychology *(3)*

Natural Science

- PSYC 311 - Cognitive Psychology *(3)*
- PSYC 313 - Physiological Psychology *(3)*
- PSYC 315 - Foundations of Learning and Memory *(3)*
- PSYC 317 - Sensation & Perception *(3)*

Depth Requirement

Take at least two of the following courses (one must be numbered above 440):

- PSYC 350 - Community Psychology and Prevention *(3)*
- PSYC 351 - Evolutionary Psychology *(3)*
- PSYC 352 - Cross-Cultural Psychology *(3)*
- PSYC 353 - History and Systems of Psychology *(3)*
- PSYC 354 - Motivation and Emotion *(3)*
- PSYC 355 - Cognitive Science *(3)*
- PSYC 356 - Health Psychology *(3)*
- PSYC 358 - First Language Acquisition *(3)*
- PSYC 370 - Psycholinguistics *(3)*
- PSYC 402 - Exceptional Children *(3)*
- PSYC 404 - Practicum in Community Psychology and Prevention *(3)*
- PSYC 406 - Service Learning in Developmental Psychology *(3)*
- PSYC 442 - Psychology of Decision Making *(3)*
- PSYC 443 - Psychology of Humor *(3)*
- PSYC 445 - Psychopharmacology *(3)*
- PSYC 447 - Cognitive Neuroscience *(3)*
- PSYC 450 - Psychology of Religion *(3)*

- PSYC 451 - Seminar in Evolutionary Psychology *(3)*
- PSYC 452 - Close Relationships *(3)*
- PSYC 453 - Infancy *(3)*
- PSYC 454 - Shame & Self-Respect *(3)*
- PSYC 455 - Autobiographical Memory *(3)*
- PSYC 470 - Topics in Psychology *(1-4)*
- PSYC 480 - Seminar *(3)*
- PSYC 490 - Directed Readings in Psychology *(1-3)*
- PSYC 491 - Research in Psychology *(1-3)*
- PSYC 498 - Internship *(1-3)*

  *At least 29 credits must be other than practicum courses (PSYC 402, 404, 406 and 408)

  **Up to 3 credit hours of Independent Study (PSYC 490 or 491) may be applied toward the advanced elective credits

Advanced Research

Take one of the following courses:

- PSYC 410 - Research in Developmental Psychology *(4)*
- PSYC 411 - Cognition and Thinking *(4)*
- PSYC 412 - Research in Personality *(4)*
- PSYC 413 - Research in Physiological Psychology *(4)*
- PSYC 414 - Research Methods in Social Psychology *(4)*
- PSYC 415 - Research in Animal Cognition *(4)*
- PSYC 417 - Research in Sensation & Perception *(4)*
- PSYC 418 - Research in Abnormal Psychology *(4)*
- PSYC 422 - Behavior Modification *(4)*

Other Electives

The following course does NOT count toward the 36 credit requirement:

- PSYC 305 - Sexuality *(3)*

Psychology, BS

Candidates for the B.S. degree must complete the B.A. degree requirements plus three additional courses in computer science, mathematics, biology, chemistry, geology or physics. This is in addition to satisfying the GER 1 and 2 or the NQR requirement. None of these three additional science courses may be taken on a Pass/Fail basis. Kinesiology 303 and 304 may count towards these three.

An interdisciplinary degree in Neuroscience is also available. Please refer to the Neuroscience section of this catalog.

Psychology, Minor

Psychology Minors must take at least 21 credits of Psychology, including Introductory (PSYC 201 & 202), four courses from Social (310, 312, 314, 318) and Natural Science (311, 313, 315, 317), and one or more advanced courses (numbered between 350

and 480). Minors may take more credits in psychology if they desire but are *not* required to complete Elementary Statistics (PSYC 301) or Experimental Methods (PSYC 302).

Students may declare a psychology minor in any semester. The Declaration of Minor form must be filled out no later than six weeks prior to graduation.

To Declare a Minor, download the Declaration of Minor Form from the Registrar's website, fill it out, and drop it off at the Psychology Office (ISC Room 1137) to be signed. Pick up the form from the Office a couple of days later and take it over to the Registrar's Office.

Below is a breakdown of the psychology courses available for minors to choose from, arranged into three sections.

Note: Requirements for the Psychology Minor are determined by the course catalog that was in effect at the time you formally declared.

1. Introductory Package (take both of these):

- PSYC 201 - Introduction to Psychology as a Natural Science *(3)*
- PSYC 202 - Introduction to Psychology as a Social Science *(3)*

2. Electives (pick at least 2 from each category):

Social Science

- PSYC 310 - Developmental Psychology *(3)*
- PSYC 312 - Personality Theory *(3)*
- PSYC 314 - Social Psychology *(3)*
- PSYC 318 - Abnormal Psychology *(3)*

Natural Science

- PSYC 311 - Cognitive Psychology *(3)*
- PSYC 313 - Physiological Psychology *(3)*
- PSYC 315 - Foundations of Learning and Memory *(3)*
- PSYC 317 - Sensation & Perception *(3)*

3. Advanced Courses (pick one or more courses to make up 3 credits):

- PSYC 350 - Community Psychology and Prevention *(3)*
- PSYC 351 - Evolutionary Psychology *(3)*
- PSYC 352 - Cross-Cultural Psychology *(3)*
- PSYC 353 - History and Systems of Psychology *(3)*
- PSYC 354 - Motivation and Emotion *(3)*
- PSYC 355 - Cognitive Science *(3)*
- PSYC 356 - Health Psychology *(3)*
- PSYC 358 - First Language Acquisition *(3)*
- PSYC 370 - Psycholinguistics *(3)*
- PSYC 402 - Exceptional Children *(3)*
- PSYC 404 - Practicum in Community Psychology and Prevention *(3)*
- PSYC 406 - Service Learning in Developmental Psychology *(3)*

- PSYC 442 - Psychology of Decision Making *(3)*
- PSYC 443 - Psychology of Humor *(3)*
- PSYC 445 - Psychopharmacology *(3)*
- PSYC 447 - Cognitive Neuroscience *(3)*
- PSYC 450 - Psychology of Religion *(3)*
- PSYC 451 - Seminar in Evolutionary Psychology *(3)*
- PSYC 452 - Close Relationships *(3)*
- PSYC 453 - Infancy *(3)*
- PSYC 454 - Shame & Self-Respect *(3)*
- PSYC 455 - Autobiographical Memory *(3)*
- PSYC 470 - Topics in Psychology *(1-4)*
- PSYC 480 - Seminar *(3)*

Required Credit Hours: 21

3 Credits	PSYC 201
3 Credits	PSYC 202
12 Credits	PSYC 310-330
3 Credits	PSYC 350-480
21 Credits	Total

New course numbers effective for Fall 2011 are reflected above.

Course Descriptions

PSYC 100 - Critical Questions in Psychology

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Psychology for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

PSYC 150 - First Year Seminar

Fall or Spring (4) Staff (C150)
An exploration of a specific topic in Psychology. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

PSYC 201 - Introduction to Psychology as a Natural Science

Fall and Spring (3) McIntosh, Nezlek, Porter, Pilkington, Burk, Vishton (College 200, NQR, GER 2B)
A study of basic principles of behavior, in sensation and perception, conditioning and learning, drives and motivation, response mechanisms and cognitive processes. (This course is anchored in the NQR domain, and also considers aspects of the CSI domain.)

PSYC 202 - Introduction to Psychology as a Social Science

Fall and Spring (3) McIntosh, Nezlek, Pilkington, Ventis (College 200, CSI, GER 3)
An examination of basic concepts in abnormal, developmental, personality and social psychology, normality and deviation,

behavior modification, stages of development, personality traits, motives, attitudes and social perceptions. (This course is anchored in the CSI domain, and also considers aspects of the NQR domain.)

PSYC 301 - Elementary Statistics

Fall and Spring (4) Ball, Burk, Dickter, Hilimire, Hunt, Kirkpatrick, Staff Prerequisite(s): PSYC 201 or PSYC 202 *Corequisite(s):* PSYC 301L *(MATH, GER 1)*
An introduction to statistics, both descriptive and inferential, including analysis of variance and correlation. Hypothesis testing and the analysis of research data are strongly emphasized. There is a fee associated with the laboratory.

PSYC 302 - Experimental Methods

Fall and Spring (4) Ball, Forestell, Kieffaber, Langholtz, Sinton, Stevens, Staff Prerequisite(s): PSYC 201, PSYC 202, PSYC 301 *Corequisite(s):* PSYC 302L
An introduction to empirical research with emphasis upon the methods by which psychological data are obtained. The course will consider naturalistic and correlational methods as well as experimental techniques. Note: Please note other statistics courses cannot be used to replace PSYC 301 as a prerequisite for this course. There is a fee associated with the laboratory.

PSYC 305 - Sexuality

Fall and Spring (3) Frieden Prerequisite(s): PSYC 201, PSYC 202. Junior or senior standing *(GER 3)*
The study of behaviors associated with courtship and reproduction with an emphasis on humans. Topics include biological and environmental determinants of sexual behavior, physiology and psychology of sexual response, and gender differences.

PSYC 310 - Developmental Psychology

Fall and Spring (3) Bierenbaum, Dallaire, Forestell, Sinton, Vishton, Zeman Prerequisite(s): PSYC 202 *(College 200, CSI, GER 3)*
A survey of human development from prenatal development through adolescence with emphasis on perceptual, cognitive, and socioemotional processes. (This course is anchored in the CSI domain, and also considers aspects of the NQR domain.)

PSYC 311 - Cognitive Psychology

Fall and Spring (3) Ball, Porter, Stevens Prerequisite(s): PSYC 201 *(College 200, CSI, NQR, GER 2B)*
The course examines human cognition. Topics include: perception, action, attention, memory, thinking, and language. Students will be introduced to the major theoretical perspectives and important empirical research findings from related fields of cognitive psychology, cognitive science and cognitive neuroscience. (This course is anchored in the CSI and NQR domains.)

PSYC 312 - Personality Theory

Fall and Spring (3) Bierenbaum, Bisconer, Cone, Thrash, Staff Prerequisite(s): PSYC 202 *(CSI, GER 3)*
A survey of contemporary theory in the field with emphasis upon its empirical foundations and future possibilities.

PSYC 313 - Physiological Psychology

Fall and Spring (3) Barnet, Hunt, Kieffaber Prerequisite(s): PSYC 201 *(College 200, CSI, NQR, GER 2B)*
Physiological basis of behavior with emphasis on mechanisms in perception, learning, emotion and motivation. (This course is anchored in the CSI and NQR domains.)

PSYC 314 - Social Psychology

Fall and Spring (3) Dickter, Pilkington, Porter, Schug, Staff Prerequisite(s): PSYC 202 *(CSI, GER 3)*
This course examines the effects of social context on the behavior of the individual, with emphasis on prominent theories and research. Topics include social perception, attitude organization and change, the social consequences of individual motives, interpersonal influence, and the application of social psychology to contemporary social issues.

PSYC 315 - Foundations of Learning and Memory

Fall or Spring (3) Barnet, Mingee, Porter, Staff Prerequisite(s): PSYC 201 *(NQR, GER 2B)*
Explores the basis of complex human and animal behavior from a general-process approach seeking to understand evolved processes of learning that apply to many different situations. Topics: why behavior changes, classical and instrumental conditioning, punishment, biological basis of learning, and animal cognition.

PSYC 317 - Sensation & Perception

Fall (3) Hilimire, Porter, Stevens, Vishton, Staff Prerequisite(s): PSYC 201 *(College 200, CSI, NQR, GER 2B)*
Survey of topics with specific emphasis on the perceptual experiences in the mind and brain. (This course is anchored in the CSI and NQR domains.)

PSYC 318 - Abnormal Psychology

Fall and Spring (3) Bisconer, Cone, Conway, Frieden, Nichols, Staff Prerequisite(s): PSYC 202 *(GER 3)*
A survey of behavior pathology including the neuroses and psychoses and their relationship to current conceptions of normal personality.

PSYC 350 - Community Psychology and Prevention

Fall (3) Cone Prerequisite(s): PSYC 202
This course explores community psychology and the role of illness prevention and health promotion in mental health. Contemporary prevention theory emphasizing an ecological and developmental approach to understanding risk and protective factors is presented. State-of-the-art model programs and community-based approaches are highlighted.

PSYC 351 - Evolutionary Psychology

Fall (3) Burkett, Kirkpatrick Prerequisite(s): PSYC 201, PSYC 202
An approach to psychological science based on the assumption that human brains/minds were designed by natural selection to solve adaptive problems faced recurrently by our distant ancestors, with important implications for understanding behavior in contemporary environments.

PSYC 352 - Cross-Cultural Psychology

Fall or Spring (3) Schug Prerequisite(s): PSYC 202 *(College 200, CSI, NQR)*
This course is intended to introduce students to the field of crosscultural psychology. Students will learn about the contributions of cross-cultural research to the field of psychology, and how crosscultural research has expanded our understanding of the applicability of prevalent psychological theories to non-Western populations. (This course is anchored in the CSI and NQR domains.)

PSYC 353 - History and Systems of Psychology

Fall or Spring (3) Porter, Staff Prerequisite(s): PSYC 201, PSYC 202
From Greek Philosophy to the present with special emphasis on the 19th and 20th centuries. The rise of the major systems: Existential and Humanistic Psychology, Structuralism, Functionalism, Gestalt Psychology, Psychoanalysis, Behaviorism. Some current issues such as the "cognitive revolution," dialectics, genetic epistemology and phenomenological research will be discussed.

PSYC 354 - Motivation and Emotion

Spring (3) Dallaire Prerequisite(s): PSYC 201, PSYC 202
Theories and facts of motivation and emotion and consideration of their differences. Emphasis on theory and research.

PSYC 355 - Cognitive Science

Spring (3) Porter, Staff Prerequisite(s): PSYC 201
This course surveys a variety of theoretical and methodological approaches to the scientific study of intelligent thought and behavior in humans, other animals and machines. We will address questions like: how does the mind work? Can computers be conscious? Does language shape thought? Students will explore possible answers to these questions and others by approaching them from the fields of philosophy, computer science, neuroscience, linguistics and cognitive psychology.

PSYC 356 - Health Psychology

Fall or Spring (3) Forestell, Raposa, Sinton Prerequisite(s): PSYC 201, PSYC 202 *(CSI, GER 3)*
An overview of psychological theory, research and practice concerning the prevention, treatment, and progression of illness and the promotion of health. Specific topics include changing health habits, stress, pain, chronic and terminal illness, and the health-care delivery system.

PSYC 358 - First Language Acquisition

Fall or Spring (3) Staff Prerequisite(s): LING 220 or ANTH 204 or PSYC 202
Introduction to the study of how children acquire their first language. Topics include: the perception and production of speech; word learning; combining words into sentences; communicative competence; theories and methods of investigation. (Cross listed with LING 358)

PSYC 370 - Psycholinguistics

Fall or Spring (3) Staff Prerequisite(s): LING 220 or ANTH 204 or PSYC 201
Introduction to the interdisciplinary study of how humans acquire, produce and comprehend language. Topics include sentence

processing and representation; speech perception, word retrieval, theories and methods of investigation. (Cross listed with LING 370)

PSYC 402 - Exceptional Children

Fall or Spring (3) Staff Prerequisite(s): PSYC 201, PSYC 202, PSYC 310
A consideration of the problems involved in providing psychological programs for the care of exceptional children. An overview of relevant research and treatment techniques will be combined with practical experience in field settings with exceptional children.

PSYC 404 - Practicum in Community Psychology and Prevention

Spring (3) Staff Prerequisite(s): PSYC 201, PSYC 202, PSYC 320
Supervised learning experiences provide opportunities to relate theoretical knowledge with the delivery of psychological services in the community. Students combine practicum with readings tailored to their placement. A wide range of community based psychological training opportunities is available. One lecture hour, field trips, and four-eight hours/week in the community.

PSYC 406 - Service Learning in Developmental Psychology

Fall and Spring (3) Dallaire, Forestell, Zeman Prerequisite(s): PSYC 202 , PSYC 310
Students will engage in a service learning experience that involves five or more hours per week of observation and volunteer work at various community organizations (or field placements) for children or adolescents. Classroom meetings will involve discussion of the philosophy of service learning and will provide students with a forum to share their field observations in the context of assigned readings that address various developmental issues and theory.

PSYC 410 - Research in Developmental Psychology

Fall or Spring (4) Dallaire, Forestell, Sinton, Vishton Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 310 *Corequisite(s):* PSYC 410L
An examination of contemporary issues in developmental research. Research methods are considered in conjunction with a review of current literature in areas such as early socialization, cognitive development and behavior problems. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 411 - Cognition and Thinking

Fall or Spring (4) Ball, Stevens Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 311 *Corequisite(s):* PSYC 411L
An examination of the research and theory that helps describe and explain the structure and function of the mind. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 412 - Research in Personality

Fall or Spring (4) Nezlek, Thrash Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 312 *Corequisite(s):* PSYC 412L
An overview of research methods in the study of personality. Specific research topics such as achievement, motivation, aggression, anxiety, cognitive styles, intelligence and abilities, interpersonal attraction, locus of control, personalogy, self concept and gender differences will be reviewed in detail. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 413 - Research in Physiological Psychology

Fall or Spring (4) Burk, Kieffaber Prerequisite(s): PSYC 301, PSYC 302, PSYC 313 *Corequisite(s):* PSYC 413L
An advanced course in physiological psychology with emphasis on the anatomical and neurochemical basis of learning and memory. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 414 - Research Methods in Social Psychology

Fall or Spring (4) Dickter, Nezlek, Schug Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 314 *Corequisite(s):* PSYC 414L
This course concerns the methods used in contemporary social psychology. The primary emphasis is on laboratory experimentation, but other methods, including field research are considered. Students will be required to develop and complete an empirical research project on a course-related topic. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 415 - Research in Animal Cognition

Spring (4) Barnet, Porter Prerequisite(s): PSYC 201, PSYC 301, PSYC 302, PSYC 315. *Corequisite(s):* PSYC 415L
An examination of psychological mechanisms in animals that subserve such cognitive processes as perception, attention, working

and reference memory, associative learning, spatial navigation, time perception, counting, concept learning and primate cognition. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 417 - Research in Sensation & Perception

Fall or Spring (4) Hilimire, Vishton Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 317. *Corequisite(s):* PSYC 417L
The course is concerned with the processes by which persons come to understand their environment. It considers what changes in the environment stimulate the senses and how the nervous system operates on this change to form projections about the real world. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 418 - Research in Abnormal Psychology

Fall or Spring (4) Conway Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 318 *Corequisite(s):* PSYC 418L
This course will cover an in depth study of issues and approaches to classifying and understanding the origins of selected adult mental disorders. Students will also be required to develop and complete an empirical research project on a course-related topic. There is a fee associated with the laboratory.

PSYC 422 - Behavior Modification

Fall or Spring (4) Porter, Ventis, Zeman Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302, PSYC 318 *Corequisite(s):* PSYC 422L
This course will acquaint students with both techniques and research issues in behavior modification. Laboratory sessions will be devoted to gaining experience with the processes described and to preparing and implementing individual research projects. Three lecture hours, two laboratory hours. There is a fee associated with the laboratory.

PSYC 440 - Perception & Representation in Art and Architecture

Fall or Spring (3) Stevens Prerequisite(s): PSYC 311 or PSYC 313 *(College 200, ALV, CSI, GER 5)*
This course will cover visual perception and representation in art and architecture. Primarily, we will examine perception and representation of 3-D structure on the 2-D plane. Specific topics include balance, shape, form, growth, space, light, color, movement, dynamics, and expression. Artworks will be critiqued with respect to the visual information provided to provide depth and multi- dimensional structure and/or dynamics. A secondary literature on the relation between space and thought will be examined with respect to architecture. We will consider selected readings on space and function and on the relation between body and space, particularly with respect to the recent embodied cognition movement within Psychology. (This course is anchored in the ALV and CSI domains.)

PSYC 442 - Psychology of Decision Making

Fall (3) Langholtz Prerequisite(s): For Psychology: PSYC 201, PSYC 202, PSYC 301, PSYC 302. for Business: BUAD 231 and senior social standing. Enrollment will be split 13 from Business and 13 from Psychology *(GER 3)*
An examination and analysis of the cognitive factors that aid or hinder choosing alternative courses of action. The major emphasis will be on psychological processes underlying choice and judgment. Applications to business decisions and policy making will be considered. (Cross listed with BUAD 442)

PSYC 443 - Psychology of Humor

Fall or Spring (3) Ventis
This course covers theories (e.g., Psychoanalytic, Incongruity, Evolutionary) and applications of humor, and will feature research on cognitive, emotional, developmental, and social aspects of the complex stimulus of humor and the reflex-like laughter response. Students may never laugh again.

PSYC 445 - Psychopharmacology

Fall or Spring (3) Burk Prerequisite(s): PSYC 201, PSYC 313
The systematic study of the effects of drugs on behavior, cognitive functioning, and emotions. Students will gain an in-depth view of neuro-transmitter systems and the mechanisms by which drugs act on these systems to alter behavior.

PSYC 447 - Cognitive Neuroscience

Fall or Spring (3) Kieffaber, Stevens Prerequisite(s): PSYC 201, PSYC 313, PSYC 311
This course examines neuroanatomy from a behavioral point of view. Students will learn how different parts of the brain organize into functional circuits that control various aspects of behavior, cognitive function, and emotions.

PSYC 450 - Psychology of Religion

Fall or Spring (3) Ventis Prerequisite(s): PSYC 201, PSYC 202
Examines the works of William James, Freud, Jung and Gordon Allport in light of current psychological theory and research, emphasizing religious development and the nature, modes and consequences of individual religious experience.

PSYC 451 - Seminar in Evolutionary Psychology

Spring (3) Kirkpatrick Prerequisite(s): PSYC 201, PSYC 202, PSYC 351
An in-depth examination of selected topics in psychological science from an Evolutionary-Psychology perspective.

PSYC 452 - Close Relationships

Spring or Fall (3) Pilkington Prerequisite(s): PSYC 201, PSYC 202, PSYC 314
Examines the scientific body of knowledge concerning the development, maintenance, and deterioration of friendships and romantic relationships. Specific topics include attraction, romantic love, models of relationship satisfaction and individual differences in approaches to close relationships.

PSYC 453 - Infancy

Fall or Spring (3) Vishton Prerequisite(s): PSYC 201, PSYC 202, PSYC 310
This seminar explores human development during the first two years of life. Course will cover historical and contemporary perspectives of perceptual, cognitive, and social development.

PSYC 454 - Shame & Self-Respect

Fall or Spring (3) Nichols
This seminar explores the psychology of shame in its constructive role of enforcing ideals and honor as well as its miscarriage in the form of deep self-loathing. Discussion will be informed by readings in psychological texts as well as classic novels.

PSYC 455 - Autobiographical Memory

Fall or Spring (3) Ball Prerequisite(s): PSYC 201 and PSYC 202
Autobiographical memory contains memories of our personal experiences. This seminar class will examine the unique developmental, cognitive, neural, and social properties of these memories. Classes will also examine the consequences of a dysfunctional autobiographical memory for various psychopathologies.

PSYC 470 - Topics in Psychology

Fall and Spring (1-4) Staff Prerequisite(s): PSYC 201, PSYC 202, as determined by individual professor
Courses concerning special topics not covered in detail in regular course offerings. Courses may be repeated for credit if the topic varies

PSYC 480 - Seminar

Fall and Spring (3) Staff Prerequisite(s): PSYC 201, PSYC 202
Special topics of interest to staff and students will be discussed in seminar fashion. Course may be repeated; contents will vary but the credit each time is the same; three hours

PSYC 490 - Directed Readings in Psychology

Fall and Spring (1-3) Staff Prerequisite(s): PSYC 201, PSYC 202
Individual supervised readings on special topics. Usually for advanced students. A student must have permission of a faculty supervisor before registering. Course may be repeated, contents and credit each time may vary according to an agreement reached between supervisor and student at the time of registration

PSYC 491 - Research in Psychology

Fall and Spring (1-3) Staff Prerequisite(s): PSYC 201, PSYC 202
Individually supervised empirical investigations in the various areas of psychology. A student must have permission of a faculty supervisor before registering. This course does not meet the advanced research course requirement for the psychology major. Course may be repeated, contents and credit each time may vary according to an agreement reached between supervisor and student at the time of registration

PSYC 495 - Honors

Fall, Spring (3) Staff Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302
Supervised research in the student's special area of interest; (b) presentation by May 1 of an Honors thesis; and (c) satisfactory performance in a comprehensive oral examination in the field of the student's major interest. Note: See the Department Honors section of the catalog or http:// fsweb.wm.edu/charles.

PSYC 496 - Honors

Fall, Spring (3) Staff Prerequisite(s): PSYC 201, PSYC 202, PSYC 301, PSYC 302
Supervised research in the student's special area of interest; (b) presentation by May 1 of an Honors thesis; and (c) satisfactory performance in a comprehensive oral examination in the field of the student's major interest. Note: See the Department Honors section of the catalog or http:// fsweb.wm.edu/charles.

PSYC 498 - Internship

Fall and Spring (1-3) Staff
This course is designed to allow students to gain practical experience. The internship includes readings in relevant areas and a written report. The student must have a faculty member willing to supervise the internship, and a site willing to host it. A departmental handout describes the requirements in greater detail. Application required.

Public Health [Back to Table of Contents]

Faculty

Advisory Committee:

Aday (Co-Director, Sociology) **Ickes** (Co-Director, Kinesiology & Health Sciences) and **Shakes** (Co-Director, Biology)

Public Health Program

The goal of public health is to protect, preserve, and promote the health of communities and populations. Public health problems can best be solved through a full understanding of the complex relationships between disease processes and the social and biological environment of the community, and such an understanding depends on concepts and skills drawn from many different liberal arts disciplines.

The Public Health minor in Interdisciplinary Studies provides students with an introduction to the principles of public health. Through two required courses in public health and epidemiology students explore the ways social, political and economic forces influence the health of populations, and learn about the biological underpinnings and control of disease, including epidemics and pandemics. Selection of the remaining elective courses can be tailored to complement a student's major and interests, while providing the student with a broad foundation in liberal arts concepts and skills relevant to public health.

Declaration Process: To declare the minor, students must meet with a member of the Public Health Advisory Committee and complete a declaration form. Students are encouraged to declare this minor as early as possible, but all minors must be declared before the beginning of preregistration for the final semester of the senior year.

Program

Public Health, Minor

Required Credit Hours: 21

Requirements Include:

- KINE 280 - Introduction to Public Health *(3)* (for Freshmen and Sophomores)

  or

- KINE 300 - The Social and Behavioral Sciences in Health *(3)* or
- KINE 460 - Environmental Health (3) (for Juniors and Seniors)

  AND

- KINE 270 - Foundations of Epidemiology *(3)*

A Course on Research Methods or Statistics

- ANTH 302 - Ethnographic Research *(3)*

- BIOL 327 - Introduction to Biostatistics *(3-4)*
- CMST 351 - Methods in Community-Based Research *(4)*
- ECON 307 - Principles and Methods of Statistics *(3)*
- GOVT 301 - Research Methods *(3)*
- KINE 394 - Statistics and Evaluation *(3)*
- MATH 106 - Elementary Probability and Statistics *(3)*
- PSYC 301 - Elementary Statistics *(4)*
- PSYC 302 - Experimental Methods *(4)*
- SOCL 352 - Research Design *(3)*
- SOCL 353 - Quantitative Research Methods *(3)*

A Course on Global Health/International Topics in Public Health

- BIOL 150 - Emerging Diseases *(4)*
- KINE 290 - Introduction to Global Health *(3)*
- KINE 405 - Maternal, Neonatal, and Child Health *(3)*

A Course on the Biological Aspects of Public Health.

- BIOL 106 - Disease, Biomedicine, and Biomedical Research *(3)*
- BIOL 220 - Introduction to Organisms, Ecology, Evolution *(3)* and
- BIOL 221 - Introduction to Organisms, Ecology, Evolution Laboratory *(1)*

- BIOL 225 - Introduction to Molecules, Cells, Development *(3)* and
- BIOL 226 - Introduction to Molecules, Cells, Development Laboratory *(1)*

- BIOL 306 - Microbiology *(4)*
- BIOL 310 - Molecular Cell Biology *(3)*
- BIOL 345 - Neurobiology *(3)*
- KINE 200 - Introduction to the Human Body *(3)*
- KINE 304 - Human Physiology *(3)*

A Course on the Social, Behavioral, and/or Cultural Aspects of Public Health.

- AMST 203 - Introduction to American Studies: American Medicine: A Social and Cultural History *(4)*
- AMST 350 - Topics in American Culture *(1-4)* (Public Health topics only)
- ANTH 309 - Medicine and Culture *(3)*
- ANTH 350 - Biocultural Perspectives on Health *(3)*
- CMST 450 - Topics in College and Community *(1-4)* (Public Health topics only)
- LAS 440 - Seminar Topics in Latin American Studies *(1-4)* (Public Health topics only)
- PSYC 350 - Community Psychology and Prevention *(3)*
- PSYC 356 - Health Psychology *(3)*

- SOCL 311 - Birth, Sex, Death: Population and Society *(3)*
- SOCL 362 - Medical Sociology *(3)*
- PSYC 406 - Service Learning in Developmental Psychology *(3)*
- SOCL 405 - Sociology of Aging *(3)*
- SOCL 440 - Special Topics in Sociology *(1-3)* (Public Health topics only)

Additional Requirement

3 credits, or 1 additional course, not from the department of the student's major, drawn from the courses in: Global Health/International Topics in Public Health; Biological Aspects of Public Health; and Social, Behavioral, and/or Cultural Aspects of Public Health (above), OR from the following list of additional approved courses.

- ANTH 363 - Culture and Cuisine: The Anthropology of Food *(3)*
- ECON 322 - Environmental and Natural Resource Economics *(3)*
- ECON 456 - Economics of Health Care *(3)*
- ECON 483 - Macroeconomics of Development *(3)*
- GOVT 350 - Introduction to Public Policy *(3)*
- KINE 320 - Issues in Health *(3)*
- KINE 350 - Science of Nutrition *(3)*
- KINE 393 - Health Ethics *(3)*
- KINE 442 - Exercise Physiology *(4)*
- KINE 455 - Physiology of Obesity *(3)*
- KINE 450 - Cardiovascular Physiology *(3)*
- KINE 460 - Nutrition, Health, and Disease *(3)*
- KINE 460 - Human Disease and Pathenogenesis *(3)*
- KINE 460 - Topics in Kinesiology & Health Sciences *(1-4)* (Public Health topics only)
- PBHL 410 - Special Topics in Public Health *(1-3)*
- PBHL 498 - Internship *(1-3)* (for a total of 3 credits)
- PHIL 325 - Neuroscience and Ethics *(3)*
- RELG 322 - Medicine and Ethics *(3)*
- SOCL 310 - Wealth, Power, and Inequality *(3)*
- SOCL 313 - Globalization and International Development *(3)*
- SOCL 426 - Sociology of Mental Illness *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*

NB:

With advisor approval, students may replace requirement 7 with one or more independent study or internship (PBHL 498), which must total 3 credits.

Course Descriptions

PBHL 410 - Special Topics in Public Health

Fall, Spring, Summer (1-3) Staff
Exploration of a particular topic in Public Health. If there is no duplication of topic, courses with this number may be repeated for credit. Based on the specific course content, credits will count towards the appropriate category of the minor. Some topics may have pre-requisites or co-requisites.

PBHL 498 - Internship

Fall and Spring (1-3) Staff
This course is designed to allow students to gain practical experience in public health. The internship includes readings in relevant areas and a written report. The student must have a faculty member willing to supervise the internship, and a site willing to host it. Requires written permission from the supervising faculty member and co-Directors.

Public Policy [Back to Table of Contents]

Faculty

Professors

Stafford (Director and Professor of Economics, Public Policy and Law), **Abegaz**, **Archibald** (Chancellor Professor of Economics and Public Policy), **Byrne** (Head of Research and Instructional Service, Law Library and Professor of Law and Public Policy), **Evans** (Newton Family Professor of Government and Public Policy), **Feldman**, **Gilmour** (Coordinator, Graduate Studies and Professor of Government and Public Policy), **Hausman** (Chancellor Professor of Economics and Public Policy), **Heller** (Director, Law Library and Professor of Law and Public Policy), **Hicks** (Margaret Hamilton Professor of Economics and Public Policy), **Howard** (Pamela C. Harriman Professor of Government and Public Policy and Plumeri Faculty Fellow), **Manna** (Paul R. Verkuil Professor of Government and Public Policy), **Elaine S. McBeth** (Associate Director and Adjunct Professor of Economics and Public Policy), **McGlennon** (Chair, Government Department), **Mellor** (Director, Schroeder Center for Health Policy and Margaret L. Hamilton Professor of Economics), **Pereira, A** (Thomas Arthur Vaughn Professor of Economics and Public Policy), **Rapoport** (John Marshall Professor of Government and Public Policy), **Schmidt**

Assistant Professors

He, **Lopresti**, **McHenry**, **Parman**, and **Sanders**

Visting Assistant Professor

R. Pereira

Visting Adjunct Professors

Rossiter, Wilkerson (Harriman Visiting Professor of Government and Public Policy)

Public Policy

Public Policy is an interdisciplinary major that focuses on analytical decision making to study diverse subjects ranging from the processes of making, implementing and evaluating government policies to the ethical evaluation of contemporary social problems. It emphasizes quantitative and economic analysis, the study of political institutions that produce policy, and the examination of specific policy areas such as environment and health. The Public Policy major draws on coursework primarily from Economics and Government, but also on courses in Psychology, Sociology, Law, Philosophy, and others. Graduates from the undergraduate Public Policy program pursue a wide array of careers in public service, policymaking and politics, finding employment in governments at all levels, consulting firms that work with governmental clients, regulated industries as well as non-profits. Public Policy graduates regularly pursue graduate studies in business administration, economics, environmental studies, health policy and administration, law, political science, psychology, public administration, public policy analysis, social work, sociology and urban affairs. In addition to preparing Public Policy majors to be participants in the policy process, an important goal is also to teach students to be well-informed, capable citizens.

In addition to the interdisciplinary major, the Public Policy offers other opportunities for students interested in public policy, such as:

Internships

A variety of internships are available to students. Internships provide a unique experience that enable students to apply their academic studies to a professional setting. These internships are sometimes done for course credit, monetary compensation or purely for the experience. Typically, internships involve some supervision from a faculty member. Course credit is available for

internships, either through Public Policy or Interdisciplinary Studies 491: Public Affairs Internship course (1 credit). See the section in Requirements for Degrees for more information on internships.

Accelerated Bachelor of Arts/Sciences and Master of Public Policy

W&M undergraduate students are able to earn both a Bachelor's degree and a Master of Public Policy in five years. Candidates interested in this accelerated degree path must apply to and gain acceptance in their junior year. See the Graduate Program Catalog for full details.

Program

Public Policy, BA

Required Credit Hours: 33 (From Courses Below)

In addition, the implicit requirements of ECON 101 and ECON 102 add six more credits for the major.

Major Computing Requirement:

The Major Computing Requirement is fulfilled by completion of one course listed under “Statistics” and one course listed under “Second Methods Course” in the Common Core of the public policy concentration.

Major Writing Requirement:

The Major Writing Requirement can be fulfilled by following the standard procedure for departmental majors in either the Department of Economics or Department of Government or through completion of PUBP 491 - Advanced Topics in Public Policy.

Common Core:

A major in Public Policy shall consist of a minimum of 33 semester hours selected from the courses listed below. Students take seven common core courses as follows:

- ECON 303 - Intermediate Microeconomic Theory *(3)*
- GOVT 350 - Introduction to Public Policy *(3)*
- GOVT 351 - Bureaucracy *(3)*

Applied Economics (Choose One)

- ECON 321 - Economics of the Public Sector *(3)*
- ECON 322 - Environmental and Natural Resource Economics *(3)*

Ethics (Choose One):

- PHIL 215 - Right and Wrong in the Contemporary World *(3)*
- PHIL 303 - Ethics *(3)*
- PHIL 305 - Social and Political Philosophy *(3)*
- PHIL 310 - Philosophy of Law *(3)*

Statistics (Choose One):

- BUAD 231 - Statistics *(3)*
- ECON 307 - Principles and Methods of Statistics *(3)*
- MATH 351 - Probability and Statistics for Scientists *(3)*
- SOCL 353 - Quantitative Research Methods *(3)* (Spring)

Second Methods Course (Choose One):

- ECON 308 - Econometrics *(3)*
- GOVT 301 - Research Methods *(3)*
- GOVT 302 - Quantitative Methods *(3)*
- GOVT 307 - Political Polling and Survey Analysis *(3)* (Fall)
- SOCL 352 - Research Design *(3)* (Fall)

Electives:

Students may choose a minimum of any four courses (12 credits) to fulfill the electives portion of their major. While there are several topic areas represented, students are free to choose any courses on the list to fulfill the requirements. In addition, students may petition the Undergraduate Public Policy Committee to have a course that is not listed be approved for major elective credit.

- BUAD 440 - International Business Management
- BUAD 442 - The Psychology of Decision Making *(3)* (Cross listed with PSYC 442)
- BUAD 492 - Marketing and Strategy *(3)*
- ECON 304 - Intermediate Macroeconomic Theory *(3)*
- ECON 308 - Econometrics *(3)* (if not taken for core)
- ECON 311 - Money and Banking *(3)*
- ECON 321 - Economics of the Public Sector *(3)* (if not taken for core)
- ECON 322 - Environmental and Natural Resource Economics *(3)* (if not taken for core)
- ECON 341 - American Economic History *(3)*
- ECON 362 - Government Regulation of Business *(3)*
- ECON 382 - Comparative Economics *(3)*
- ECON 383 - Survey of Development Economics
- ECON 408 - Time-Series Econometrics *(3)*
- ECON 412 - Stabilization Policy
- ECON 420 - Economics of Information *(3)*
- ECON 422 - Applied Environmental Economics *(3)*
- ECON 451 - Labor Market Analysis *(3)*
- ECON 452 - Income Distribution and Human Resources
- ECON 456 - Economics of Health Care *(3)*
- ECON 460 - Economic Analysis of Law *(3)*
- ECON 461 - Industrial Organization: Theory, Evidence and Cases *(3)*
- ECON 475 - International Trade Theory and Policy *(3)*
- ECON 476 - International Finance and Open Economy Macroeconomics *(3)*
- GOVT 302 - Quantitative Methods *(3)*
- GOVT 307 - Political Polling and Survey Analysis *(3)*
- GOVT 324 - U.S. Foreign Policy *(3)*
- GOVT 328 - International Political Economy *(3)*
- GOVT 353 - The Politics of States and Localities *(3)*

- GOVT 355 - Southern Politics *(3)*
- GOVT 360 - The American Welfare State *(3)*
- GOVT 370 - The Legislative Process *(3)*
- GOVT 371 - The Presidency *(3)*
- GOVT 372 - American Legal Process *(3)*
- GOVT 373 - Civil Rights and Civil Liberties *(3)*
- GOVT 374 - Political Behavior *(3)*
- GOVT 404 - Seminar: International Politics *(4)*
- GOVT 435 - Seminar: Political Economy of the Newly Industrializing Countries *(4)*
- GOVT 454 - Seminar: The Politics of Metropolitan Areas *(4)*
- GOVT 455 - Seminar: Education Policy and Politics in the United States *(4)*
- GOVT 465 - Seminar: Public Opinion and Voting Behavior *(4)*
- GOVT 470 - Seminar: Congress and the President *(4)*
- MATH 323 - Operations Research: Deterministic Models *(3)*
- MATH 424 - Operations Research: Stochastic Models *(3)*
- PSYC 350 - Community Psychology and Prevention *(3)*
- PSYC 442 - Psychology of Decision Making *(3)*
- PSYC 450 - Psychology of Religion *(3)*
- RELG 322 - Medicine and Ethics *(3)*
- SOCL 302 - Criminology *(3)*
- SOCL 306 - Urban Sociology *(3)*
- SOCL 307 - Sociology of Education *(3)*
- SOCL 308 - Environmental Sociology *(3)*
- SOCL 311 - Birth, Sex, Death: Population and Society *(3)*
- SOCL 313 - Globalization and International Development *(3)*
- SOCL 337 - Immigration, Assimilation and Ethnicity *(3)*
- SOCL 340 - Sociology of Mental Health *(3)*
- SOCL 352 - Research Design *(3)*
- SOCL 362 - Medical Sociology *(3)*
- SOCL 405 - Sociology of Aging *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- SOCL 429 - Deviance and Social Control *(3)*
- PUBP 390 - Topics in Public Policy *(3)* (as well as 300 and 400 level Topics courses in Economics, Government, History, Psychology and Sociology provided that the course has a strong public policy focus)
- PUBP 490 - Independent Study *(3)*

  (as well as independent study in Economics, Government, History, Psychology and Sociology, provided that the project has a strong public policy focus)

- PUBP 491 - Advanced Topics in Public Policy *(3)*
- PUBP 495 - Honors *(3)*
- PUBP 496 - Honors *(3)*

Accelerated Bachelor of Arts and Master of Public Policy

W&M undergraduate students are able to earn both a Bachelor's degree and a Master of Public Policy in five years. Candidates interested in this accelerated degree path must apply to and gain acceptance in their junior year. See Graduate Catalog for full details.

Course Description

PUBP 101 - Survey of Public Policy

Fall or Spring (1) Staff
This 1-credit course introduces students to the interdisciplinary field of public policy. Students learn about the field through a series of guest lectures from faculty members who teach core or elective requirements for the Public Policy major.

PUBP 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Public Policy. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

PUBP 390 - Topics in Public Policy

Fall and Spring (3) Staff
Selected topics in public policy. The topic to be considered will be announced prior to the beginning of the semester. This course may be repeated for credit

PUBP 391 - Seminar-Short Course in Public Policy

Fall and Spring (1-3) Staff
Selected topics in public policy. The topic to be considered will be announced prior to the beginning of the semester. This course may be repeated for credit

PUBP 395 - Diplomacy Lab

Fall and Spring (1-3) Staff
Course for students accepted into the State Department's Diplomacy Lab program. Separate sections will be offered for each of the Diplomacy Lab projects. Instructor permission required. (Cross-listed with INRL 395.)

PUBP 490 - Independent Study

Fall and Spring (3) McBeth
Directed readings/research course conducted on individual or group basis on various topics in public policy. The course may not be taken more than twice

PUBP 491 - Advanced Topics in Public Policy

Fall or Spring (3) Staff
Seminar classes, normally 10-15 junior or senior public policy majors, focusing on specific topics in public policy. Topics vary by section and semester to semester.

PUBP 495 - Honors

Fall, Spring (3) McBeth
Students admitted to the Public Policy Honors program will be enrolled in this course during both semesters of their senior year. Students are responsible for (a) reading a selected bibliography; (b) satisfactory completion by April 15th of an original scholarly essay; and (c) satisfactory performance on a comprehensive oral examination. A student who completes the Honors essay but does not achieve Honors may be given credit for Public Policy 490. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

PUBP 496 - Honors

Fall, Spring (3) McBeth
Students admitted to the Public Policy Honors program will be enrolled in this course during both semesters of their senior year. Students are responsible for (a) reading a selected bibliography; (b) satisfactory completion by April 15th of an original scholarly essay; and (c) satisfactory performance on a comprehensive oral examination. A student who completes the Honors essay but does not achieve Honors may be given credit for Public Policy 490. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

PUBP 498 - Internship

Fall and Spring (3) McBeth
This course may be repeated for credit.

Religious Studies [Back to Table of Contents]

Faculty

Professor

Raphael (Sophia and Nathan S. Gumenick Professor of Judaic Studies ;)

Associate Professors

Daise, **Fitzgerald, Galambush** (on leave 2016-2017) and **Vose** (Chair)

Assistant Professors

Angelov, Blazer, Burchett, Sheikh and **Ogunnaike**

Visiting Assistant Professors

McCall and **McLaughlin**

Areas of Study

Introductory Studies in Religion:

- RELG 150 - First-Year Seminar
- RELG 150W - Freshman Seminar
- RELG 201 - Introduction to Religion
- RELG 203 - History and Religion of Ancient Israel
- RELG 204 - Christian Origins
- RELG 210 - Introduction to the History of Christianity
- RELG 211 - Introduction to the History of Jewish Thought
- RELG 212 - Introduction to Islam
- RELG 213 - Introduction to Hinduism
- RELG 214 - Introduction to Buddhism
- RELG 215 - History of Religion in East Asia
- RELG 221 - Religion and Ethics

Biblical Studies:

- RELG 203 - History and Religion of Ancient Israel
- RELG 204 - Christian Origins

- RELG 205 - Reading the Bible in Hebrew I
- RELG 206 - Reading the Bible in Hebrew II
- RELG 301 - Readings in Biblical Hebrew
- RELG 302 - Torah
- RELG 304 - The Hebrew Prophets
- RELG 305 - Biblical Wisdom: Job and Proverbs
- RELG 357 - The Letters of Paul
- RELG 358 - Jesus and the Gospels

Studies in Asian Religions:

- RELG 213 - Introduction to Hinduism
- RELG 214 - Introduction to Buddhism
- RELG 215 - History of Religion in East Asia
- RELG 360 - The Gods and Goddesses of India
- RELG 361 - Modern Hinduism
- RELG 365 - Buddhism in China
- RELG 366 - Buddhism in Japan
- RELG 367 - Tibetan Religion
- RELG 369 - Hindu Sacred Texts
- RELG 380 - Buddhist Philosophy

Studies in Islam:

- RELG 212 - Introduction to Islam
- RELG 317 - Women in Islam: Tradition and Change
- RELG 318 - Islam in the Modern World

Studies in Religious Ethics:

- RELG 221 - Religion and Ethics
- RELG 321 - Ecology and Ethics
- RELG 322 - Medicine and Ethics
- RELG 323 - Warfare and Ethics

Studies in Western Religious History and Thought:

- RELG 332 - Religion and Society in the Middle Ages
- RELG 332 - Religion and Society in the Middle Ages
- RELG 334 - The Protestant and Catholic Reformations
- RELG 335 - Modern Jewish and Christian Thought
- RELG 340 - Roman Catholicism Since 1800

Studies in American Religion:

- RELG 326 - Judaism in America

- RELG 345 - Religion, Colonialism, and Nationalism In North America
- RELG 346 - Religion, the State, and American Politics
- RELG 347 - New Religious Movements in America
- RELG 348 - African American Religions
- RELG 349 - American Immigration and Religion

Judaic Studies:

- RELG 211 - Introduction to the History of Jewish Thought
- RELG 302 - Torah
- RELG 304 - The Hebrew Prophets
- RELG 309 - The Holocaust
- RELG 310 - Topics in Judaic Studies
- RELG 315 - Judaism in the Greco-Roman World
- RELG 326 - Judaism in America
- RELG 327 - Sexuality, Women and Family in Judaism
- RELG 329 - The Rabbinic Mind

Special Studies:

- RELG 208 - Topics in Religious Studies
- RELG 308 - Topics in Religious Studies
- RELG 310 - Topics in Judaic Studies
- RELG 481 - Independent Study in Religion
- RELG 482 - Independent Study in Religion
- RELG 495 - Honors
- RELG 496 - Honors

Programs

Religious Studies, BA

Majors in religious studies will study several major traditions and theories about the nature and function of religion. Consultation with a department advisor is expected.

Requirements for Major

Majors in religious studies will study several major traditions and theories about the nature and function of religion. Consultation with a department advisor is expected.

Required Credit Hours: 30

Core Requirements:

(RELG 201 is not required for the major.)

- RELG 391 - Theory and Method in the Study of Religion *(3)*

  * which students are encouraged to take in their Junior year

2 Courses From Each Group:

- RELG 210 - Introduction to the History of Christianity *(3)*
- RELG 211 - Introduction to the History of Jewish Thought *(3)*
- RELG 212 - Introduction to Islam *(3)*

- RELG 213 - Introduction to Hinduism *(3)*
- RELG 214 - Introduction to Buddhism *(3)*
- RELG 215 - History of Religion in East Asia *(3)*

Additional Requirements:

- RELG 203 - History and Religion of Ancient Israel *(3)* or
- RELG 204 - Christian Origins *(3)*

- 3 additional courses in the 300 or 400 range
- 1 additional course in religious studies

Major Computing Requirement:

Students can fulfill the Major Computing Requirement by completing RELG 391 with a C- grade or better.

Major Writing Requirement:

Students can fulfill the Major Writing Requirement by completing RELG 391 with a C- grade or better.

Religious Studies, Minor

Required Credit Hours: 18

Core Requirements:

18 credit hours, which must include one from each group below and two courses in the 300 or 400 range. Consultation with a departmental advisor is expected.

- RELG 210 - Introduction to the History of Christianity *(3)* or
- RELG 211 - Introduction to the History of Jewish Thought *(3)* or
- RELG 212 - Introduction to Islam *(3)*

- RELG 213 - Introduction to Hinduism *(3)* or
- RELG 214 - Introduction to Buddhism *(3)* or
- RELG 215 - History of Religion in East Asia *(3)*

Course Descriptions

RELG 100 - Critical Questions in Religious Studies

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Religious Studies for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

RELG 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Religious Studies. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

RELG 201 - Introduction to Religion

(3) Raphael (GER 4C)
A cross-cultural and comparative study of religion, exploring various theories of religion, its origin, nature and interpretation, including an analysis of contrasting views of deity, cosmic and social order, the human problem, theodicy, moral norms and authority, and conceptions of liberation and salvation. Open to freshmen and sophomores only.

RELG 203 - History and Religion of Ancient Israel

Fall and Spring (3) McCall (College 200, CSI, GER 4B,5)
An exploration of the origins and development of the ancient nations of Israel and Judah in their cultural and historical contexts. The course examines archaeological, epigraphic, and literary evidence from Mesopotamia, Canaan, and Egypt to understand both the history and worldview of the ancient Israelites. The Hebrew Bible is explored in depth as document in dialogue with but not identical to the religious beliefs and practices of ancient Israel. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

RELG 204 - Christian Origins

Fall and Spring (3) Daise (GER 4A, 5)
A study of the origin and development of earliest Christianity. The course focuses on the New Testament and other ancient documents with attention to the Greco-Roman historical contexts of the emerging Christian faith.

RELG 205 - Reading the Bible in Hebrew I

Fall (3) McCall Prerequisite(s): HBRW 102
Review of grammar followed by readings in various genres of Biblical literature. Emphasis on syntax, vocabulary and style of the Hebrew Bible. This course introduces the student to methods of modern biblical interpretation. (Cross listed with HBRW 201)

RELG 208 - Topics in Religious Studies

Fall or Spring (3) Staff
Selected topics and issues in Asian Religions, Islam, Ethics, and Western Religious History and Thought. Consult the schedule for the topic descriptions in up-coming semesters. Note: This course may be repeated for credit if there is no duplication of topic *(Formerly RELG 307).*

RELG 210 - Introduction to the History of Christianity

Fall and Spring (3) Angelov (College 200, ALV, CSI, GER 4A)
An introduction to Western Christianity that focuses upon selected periods, critically important movements and events, theological developments and institutional changes, with attention to the relationship between Christianity and currents in the wider culture. (This course is anchored in the ALV and CSI domains.)

RELG 211 - Introduction to the History of Jewish Thought

Fall (3) Kirsh (College 200, ALV, CSI, GER 4A, 5)
A study of the biblical origins of Judaism followed by an examination of representative literature from critical periods in the history of Jewish thought: rabbinic, medieval and modern. (This course is anchored in the ALV and CSI domains.) *(Formerly RELG 303)*

RELG 212 - Introduction to Islam

Fall and Spring (3) Ogunnaike (GER 4B)
A study of the origins, major ideas, practices, institutions and development of Islam within the context of Muslim history. Students may not take both this course and RELG 150: Islam for credit. *(Formerly RELG 300)*

RELG 213 - Introduction to Hinduism

Fall and Spring (3) Burchett, McLaughlin (College 200, ALV, GER 4B)
An introduction to the Hindu religious traditions, exploring the diversity of religious thought and practice among Hindus today and throughout history. The course will include topics such as: key historical developments; core teachings as found in major primary texts (the Vedas, Upanishads, Bhagavad Gita, Ramayana, works of devotional poet-saints, etc.); the divine pantheon (mythology and imagery of Shiva, Vishnu, the Goddess, etc.); rituals, festivals, and practices of lived Hinduism; the role of

Orientalism, colonialism, and Indian nationalism in modern Hinduism; and contemporary social and political issues relating to Hinduism in post-independence India (e.g., Hindu nationalism, communal violence, caste/untouchability). (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) *(Formerly RELG 311)*

RELG 214 - Introduction to Buddhism

Fall (3) Vose (College 200, ALV, GER 4B)
A study of the history, doctrines, practices, and various manifestations of the Buddhist tradition. The course begins with the social and religious context out of which the Buddha emerged, progresses to an exploration of Buddhism's philosophical basis, and traces the spread of Buddhism from India and its later developments in Nepal and Tibet, Southeast Asia, and China and Japan. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) *(formerly RELG 312)*

RELG 215 - History of Religion in East Asia

Spring (3) Vose (GER 4B)
Introduction to the religious systems of China and Japan, including the literatures, histories, thought patterns and practices of the major schools of Confucianism, Taoism, Buddhism and Shintoism. *(Formerly RELG 313)*

RELG 221 - Religion and Ethics

Fall and Spring (3) Sheikh (GER 7)
An introductory study of western religious ethics. The course examines the relationships between religious belief and ethics in biblical, Jewish, Roman Catholic, Protestant and humanistic writings. The course emphasizes analytic and critical thinking skills.

RELG 250 - Readings in Religious Texts

Fall or Spring (1-3) Staff Prerequisite(s): Completion of 202-level language. Consent of the instructor is required
Reading and interpretive study of religious texts in their original languages. Among the languages are Arabic, Greek, Hebrew, Latin and Sanskrit.

RELG 301 - Readings in Biblical Hebrew

Spring (3) McCall Prerequisite(s): HBRW 201 or RELG 205 *(GER 5)*
Further readings and analyses of selected biblical passages. (Cross listed with HBRW 202)

RELG 302 - Torah

Spring (3) McCall (GER 5)
A study of the first five books of the Jewish and Christian Bibles, including questions of their composition, literary genres, historical setting, and their place in the communities that preserved them. *(Formerly RELG 355)*

RELG 304 - The Hebrew Prophets

Fall (3) Raphael
A study of the function and message of the prophetic books of the Hebrew Bible.

RELG 305 - Biblical Wisdom: Job and Proverbs

Fall (3) Galambush Prerequisite(s): RELG 203 or consent of instructor *(GER 7)*
A study of the wisdom literature of Ancient Israel, with emphasis on Job and Proverbs. The literature will be examined within its historical, intellectual and cultural context. The course focuses on the distinctive religious and humanistic characteristics of Israelite wisdom.

RELG 308 - Topics in Religious Studies

Fall and Spring (3-4) Staff Prerequisite(s): Often a prerequisite
Selected topics and issues in Asian Religions, Ethics, Islam, and Western Religious History and Thought. Consult the schedule for topic descriptions in up-coming semesters. Note: This course may be repeated for credit if there is no duplication of topic

RELG 309 - The Holocaust

Spring (3) Raphael (GER 7)
A study of religious and ethical aspects of the destruction of European Jews under Nazi rule. Readings include descriptions of these events and responses by Jews and Christians focusing on meaning, religious self-understanding, responsibility and divine and human justice. Open to juniors and seniors only.

RELG 310 - Topics in Judaic Studies

Fall or Spring (3) Staff Prerequisite(s): There is often a prerequisite or consent of instructor required.
A study of selected topics in Jewish history, life and thought. Consult the bulletin for topic description in up-coming semesters.

RELG 315 - Judaism in the Greco-Roman World

Fall (3) Daise
This course examines the religion of Judaism as it existed in Palestine and the Mediterranean world during the Hellenistic and early Roman periods (ca 331 BCE ñ 73 CD). (Cross listed with CLCV 321)

RELG 317 - Women in Islam: Tradition and Change

Spring (3) Staff (GER 4B)
A study of the changing status and role of women in Muslim society. The course focuses on the relationship between religion and culture as they shape the lives and options of women in traditional society, in the modern period and in the contemporary Islamic experience. (Cross listed with GSWS 317)

RELG 318 - Islam in the Modern World

Fall (3) Ogunnaike (GER 4B)
This course focuses on sociopolitical circumstances underlying the dynamism and diversity of modern Islamic thought. Special emphasis will be given to political aspects of modern Islamic thought.

RELG 319 - Mesopotamian Religion

Spring (3) Galambush (College 200, ALV, CSI)
This course explores the religious culture of Mesopotamia from approximately 3000-500 BCE--from the beginning of writing and cities to the age of imperial states. Mesopotamian religious texts and artifacts provide a window into the development of core religious ideas: What is a god? What is the relationship between the divine and human realms, specifically in matters of family, livelihood, politics, and warfare? The approaches developed by the Mespotamians to these questions continue to influence modern Western worldviews, and so provide an unexpected lens through which to examine our own cultures. (This course is anchored in the ALV and CSI domains.)

RELG 320 - Pagans and Christians in the Roman World

Fall (3) Donahue
This course considers the encounter between Roman religious and political institutions and the rise of Christianity, from the first through the fourth centuries A.D. Primary emphasis on Roman response to Christianity, from persecution to conversion, through Roman and Christian sources. (Cross listed with CLCV 320)

RELG 321 - Ecology and Ethics

(3) Staff (GER 7)
A study of the moral and religious aspects of such problems in human ecology as pollution, overpopulation and resource depletion. The course relates these issues to religious perspectives on human nature, responsibilities to the earth and to future generations.

RELG 322 - Medicine and Ethics

(3) Staff (GER 7)
A study of moral and religious problems arising in such biomedical issues as abortion, human experimentation, euthanasia, genetic engineering, organ transplants and behavior control. Not open to freshmen.

RELG 323 - Warfare and Ethics

(3) Staff (GER 7)
A study of moral and religious issues in warfare, including classical and contemporary views. The course focuses on such topics as pacifism, just war and nuclear weapons.

RELG 326 - Judaism in America

(3) Raphael
A study of the arrival of the Jews in America, the development of the religion in the new world, and the contemporary Jewish experience in America. *(Formerly RELG 341)*

RELG 327 - Sexuality, Women and Family in Judaism

(3) Raphael
This course examines sex and sexuality, marriage, divorce and family life in the Bible, Rabbinic literature, Kabbalah, Hasidism and American Judaism. *(Formerly RELG 306)*

RELG 328 - Midrash: Jewish Interpretation of Scriptures

(3) Raphael
An examination of various types of Jewish interpretation of biblical texts. The course explores not only the changing modes of commentary from Talmudic to modern times, but also the changing concerns of the commentators themselves. *(Formerly RELG 339)*

RELG 329 - The Rabbinic Mind

Spring (3) Raphael
A study of how biblical religion became Judaism. An exploration of the impact of the Talmudic rabbis - the ways they changed existing communal practice, understood their own authority to initiate such change, and consequently transformed Jewish self-understanding.

RELG 332 - Religion and Society in the Middle Ages

(3) Staff Prerequisite(s): RELG 210 or consent of instructor *(GER 4A)*
A study of Christianity from 600-1500 C.E., with special attention to the eastern and western European cultural and social settings of medieval Christian thought, belief, life and institutions. The course emphasizes primary sources, discussion, writing and qualifies for Med-Ren major.

RELG 334 - The Protestant and Catholic Reformations

(3) Staff
A study of personalities, institutional changes and theological movements in European and British Christianity from the Reformation through the 18th century. Includes Lutheranism, Calvinism, Anabaptism, Protestant Radicalism, the Roman Catholic Reformation, the English Reformation and Methodism and the Evangelical Revival.

RELG 335 - Modern Jewish and Christian Thought

(3) Staff (GER 4A, 7)
A critical examination of important texts in modern Jewish and Christian thought concerning the nature, origin, interpretation, and justification of religion. Texts selected from the writings of Moses Mendelssohn, Abraham Geiger, Mordecai Kaplan, Rudolf Bultmann, John A. T. Robinson, Joseph Fletcher, Rosemary Radford Ruether, Gustavo Gutierrez, and John Spong.

RELG 337 - African Ritual and Religious Practice

Fall (3) Weiss (GER 4B)
This course focuses on the diverse forms of religious practice and experience in various social and cultural contexts in Africa. The symbolic, aesthetic, and political implications of ritual, as well as the transforming significance of religious practice, will be explored. (Cross-listed with AFST 341, ANTH 337).

RELG 340 - Roman Catholicism Since 1800

(3) Staff (GER 4A, 7)
Themes studied include church and state relations and political liberalism, the social encyclicals, papal authority and the infallibility debate, the development of dogma, Liberal Catholicism, Neo-Thomism, Modernism, Vatican II and Liberation Theology.

RELG 342 - Comedy, Tragedy, and Religion

(3) Staff (GER 5)
This course begins with an analysis of comedy and tragedy, and an analysis of the comic and tragic visions of life. Then it examines the world's major religions in light of their comic and tragic elements.

RELG 345 - Religion, Colonialism, and Nationalism In North America

Fall (3) Fitzgerald (CSI, GER 4C)
An investigation of the role of religion in colonial and national identity in the New World. Emphasis on a diversity of perspectives including Native Americans, slaves, and women.

RELG 346 - Religion, the State, and American Politics

Spring (3) Blazer (College 200, CSI, GER 4C)
A critical approach to national and state politics in the United States addressing a range of religious traditions. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

RELG 347 - New Religious Movements in America

Fall (3) Blazer (College 200, CSI)
A study of new and alternative religions, past and present, with an emphasis on cultural context, historical development, and tensions with political and religious authorities. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

RELG 348 - African American Religions

Spring (3) Fitzgerald (GER 4C)
An historical, thematic, and theoretical overview of African American religions from enslavement through contemporary Caribbean and African migrations. (Cross listed with AFST 348)

RELG 349 - American Immigration and Religion

Fall (3) Fitzgerald (CSI, GER 4C)
This course is designed to introduce students to a larger literature on transnationalsim, immigration and religion in America. We will analyze the Inherent transnational nature of religious traditions, assess the major waves of immigration and their relevance to America's changing religious character, evaluate why religion is so central to immigrants' understanding of American identity, and analyze the connection between racial/ethnic, national, religious identities. (Cross-listed with AMST 350)

RELG 350 - Eastern Christianity

Fall (3) Angelov (College 200, ALV)
This course surveys the history of the major Christian churches and communities in the East. We will explore topics like East/West ecclesiastical divisions and controversies, mysticism, the theological and social role of pillar saints, holy warriors, holy fools, vampires, and witches. The discussion of Orthodox communities and their theologies will throw light on the formation of secular culture and the role of the Orthodox churches in contemporary politics and society. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

RELG 357 - The Letters of Paul

(3) Daise
A study of the letters of Paul. The course focuses on the mission and message of Paul set in the context of Greco-Roman culture. It also considers the influence of Paul's theology in the later centuries. *(Formerly RELG 403)*

RELG 358 - Jesus and the Gospels

(3) Daise (GER 5)
A study of Matthew, Mark, Luke, and John and the multicultural, historical, and political settings in which they were composed. The course also addresses similar gospels excluded from the canon and the issues pertaining to historical Jesus.

RELG 360 - The Gods and Goddesses of India

(3) Staff Prerequisite(s): Recommended: Prior course in Asian religion or consent of instructor *(GER 4B)*
This course explores the development, character, and function of the gods and goddesses of India by looking at a variety of mythological, historical, and ethnographical sources.

RELG 361 - Modern Hinduism

(3) Staff Prerequisite(s): RELG 213 or consent of instructor *(GER 4C)*
A study of classical Hindu traditions in interaction with westernization and modernization. The course emphasizes 19th- and 20th-century figures, including leaders of current cults. *(Formerly RELG 411)*

RELG 363 - Sociology of Religion

Spring (3) Jenkins (College 200, CSI)
This course explores systems of belief, rituals, organizations and movements. It examines factors that influence religiosity, as well as the ways religion affects (and is affected by) other social institutions, such as the economy, politics and the educational system. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with SOCL 363.)

RELG 365 - Buddhism in China

(3) Staff Prerequisite(s): RELG 214
An examination of the history of Chinese Buddhism. Its goals include increasing the students' understanding of Chinese culture as well as basic methodologies in the study of religion.

RELG 366 - Buddhism in Japan

(3) Staff
An examination of the history of Japanese Buddhism. Its goals include increasing the students understanding of Japanese culture and basic methodologies in the study of religion.

RELG 367 - Tibetan Religion

(3) Vose (GER 4B)
This course examines the variety of religious orientations in Tibet and the histories and signature practices of Tibet's four Buddhist orders. It investigates the religious-political rule of the Dalai Lamas historically and in current-day China, India, and the west.

RELG 369 - Hindu Sacred Texts

(3) Staff Prerequisite(s): RELG 213 or RELG 360 *(GER 7)*
An intensive study of selected significant writings from the Hindu traditions, focusing on the Bhagavad Gita and the Upanishads. This course will explore key philosophical concepts and their impact in both India and the West.

RELG 378 - Psychology of Religion

Spring (3) Ventis Prerequisite(s): PSYC 201 and PSYC 202
Examines the works of William James, Freud, Jung and Gordon Allport in light of current psychological theory and research, emphasizing religious development and the nature, modes and consequences of individual religious experience. (Cross-listed with PSYC 450)

RELG 380 - Buddhist Philosophy

(3) Vose (ALV, GER 7)
This course examines Indian and Tibetan Buddhist analyses of personal identity, the nature of the world, and how we come to have knowledge of both. It additionally explores Buddhist ethical responses to selfless persons and an empty world.

RELG 391 - Theory and Method in the Study of Religion

Spring (3) Angelov Prerequisite(s): Restriction: Majors ONLY
This course surveys the dominant methods of studying religion and the theories on which they are based. The perspectives may include the anthropological, feminist, historical, literary, philosophical, phenomenological, political, psychological and sociological.

RELG 481 - Independent Study in Religion

Fall (1-3) Vose Prerequisite(s): Consent of chairperson
A program of extensive reading, writing and discussion in a special area of religion for the advanced student. Students accepted for either course will arrange their program of study with appropriate members of the department.

RELG 482 - Independent Study in Religion

Spring (1-3) Vose Prerequisite(s): Consent of chairperson
A program of extensive reading, writing and discussion in a special area of religion for the advanced student. Students accepted for either course will arrange their program of study with appropriate members of the department.

RELG 495 - Honors

Fall, Spring (3) Vose
Students admitted to senior Honors in Religion will be responsible for (a) reading and research supervised by a faculty member designated by the chair, (b) presentation of an Honors essay acceptable to the examining committee and submitted two weeks before the last day of classes of the student's graduating semester, and (c) satisfactory performance in an oral examination based on the Honors essay and related background. Consult the chair for eligibility, admission and continuance requirements. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

RELG 496 - Honors

Fall, Spring (3) Vose
Students admitted to senior Honors in Religion will be responsible for (a) reading and research supervised by a faculty member

designated by the chair, (b) presentation of an Honors essay acceptable to the examining committee and submitted two weeks before the last day of classes of the student's graduating semester, and (c) satisfactory performance in an oral examination based on the Honors essay and related background. Consult the chair for eligibility, admission and continuance requirements. Note: For College provisions governing the Admission to Honors, see catalog section titled Honors and Special Programs.

Sociology [Back to Table of Contents]

Faculty

Professor

Ousey (Chair)

Professors

Aday, **Linneman**, and **Ozyegin**

Associate Professors

Bickham Mendez, **Hanley, Jenkins, Kaup**, **Quark**, **Saporito**, and **D. Sohoni**

Assistant Professors

Gosin and **Bakhtiari**

The Sociology Program

Sociology majors graduate with a wide range of knowledge and skills that serve them well in a variety of possible careers. All sociology majors gain valuable skills in our rigorous theory and research methods course sequence, which emphasizes both quantitative and qualitative approaches. This depth of training makes sociology majors outstanding candidates for careers in teaching, business, advocacy, public service and administration, law, medicine, journalism, international development and many other professions. In addition, sociology majors regularly pursue graduate study in sociology, social work, education, media studies, public health, public policy, law, business and urban/regional planning. Optional course concentrations within the major provide the opportunity for students to target careers related to global issues; medicine and public health; law and criminal justice; and social/policy change. Sociology minors and those who take sociology courses as part of their exploration of the liberal arts benefit from the wide range of topics covered in our courses. For additional information see our web site.

Programs

Sociology, BA

Required Credit Hours: 33

Major Computing Requirement:

- SOCL 353 - Quantitative Research Methods *(3)*

Major Writing Requirement:

- SOCL 494W - Senior Capstone Seminar *(3)* or
- SOCL 495 - Honors *(3)* and
- SOCL 496 - Honors *(3)*

Concentrations:

Students should declare one of the following concentrations in Sociology: Generalist Sociology; Globalization; Health, Medicine, and Well-Being; Criminology, Law, and Society; or Social Problems, Policy, and Justice.

Generalist Sociology Concentration Requirements:

- SOCL 351 - Sociological Theory *(3)*
- SOCL 352 - Research Design *(3)*
- SOCL 353 - Quantitative Research Methods *(3)*
- SOCL 354 - Qualitative Sociology *(3)*
- SOCL 494W - Senior Capstone Seminar *(3)* or
- SOCL 495 and 496

Additional Requirements:

Students also must take at least six additional courses, four must be numbered 300 and above (including one 400 other than the Capstone). A maximum of three credits of independent study from the courses listed below (exclusive of SOCL 495-SOCL 496) may count towards the Sociology major. If a student wishes to count additional independent study credits toward the Sociology major, he/she must obtain approval from the Chair of the Sociology Department. If pursuing one of the Concentrations listed below, please refer to those lists of electives.

- SOCL 480 - Readings in Sociology *(1-3)*
- SOCL 481 - Readings in Sociology *(1-3)*
- SOCL 490 - Independent Research *(1-4)*
- SOCL 498 - Internship *(3)*
- SOCL 499 - Internship *(3)*

Globalization Concentration Requirements:

For a Globalization Concentration, follow the Generalist Concentration requirements and take at least three of your six electives from the following (or other special topics or COLL courses in the concentration approved by the Department Chair):

- SOCL 205 - Global Social Problems *(3)*
- SOCL 312 - Comparative Sociology *(3)*
- SOCL 313 - Globalization and International Development *(3)*
- SOCL 408 - Migration in a Global Context *(3)*
- SOCL 427 - Energy, Environment, and Development *(3)*
- SOCL 430 - Comparative Studies in Gender and Work *(3)*
- SOCL 431 - Comparative Race Relations *(3)*

Health, Medicine, and Well-being Concentration Requirements:

For a Concentration in Health, Medicine, and Well-being, take at least three of your six electives from the following (or other special topics or COLL courses in the concentration approved by the Department Chair):

- SOCL 150 - Health and Technology *(4)*
- SOCL 311 - Birth, Sex, Death: Population and Society *(3)*
- SOCL 340 - Sociology of Mental Health *(3)*
- SOCL 340 - Food and Global Health *(3)*
- SOCL 362 - Medical Sociology *(3)*
- SOCL 405 - Sociology of Aging *(3)*
- SOCL 426 - Sociology of Mental Illness *(3)*

Criminology, Law and Society Concentration Requirements:

For a Concentration in Criminology, Law and Society, take at least three of your six electives from the following (or other special topics or COLL courses in the concentration approved by the Department Chair):

- COLL 100 - Therapeutic Culture *(4)*
- SOCL 302 - Criminology *(3)*
- SOCL 340 - Cultural Construction of Violence *(3)*
- SOCL 429 - Deviance and Social Control *(3)*
- SOCL 433 - Crime and Justice in America *(3)*
- SOCL 434 - Race and Crime *(3)*
- SOCL 435 - Crime and the Life Course *(3)*

Social Problems, Policy & Justice Concentration Requirements:

For a Concentration in Social Problems, Policy and Justice, take at least three of your six electives from the following (or other special topics or COLL courses in the concentration approved by the Department Chair):

- SOCL 100 - Social Justice *(4)*
- SOCL 203 - Institutions and Inequality *(3)*
- SOCL 204 - Contemporary Social Problems In the US *(3)*
- SOCL 306 - Urban Sociology *(3)*
- SOCL 307 - Sociology of Education *(3)*
- SOCL 308 - Environmental Sociology *(3)*
- SOCL 310 - Wealth, Power, and Inequality *(3)*
- SOCL 337 - Immigration, Assimilation and Ethnicity *(3)*
- SOCL 361 - Social Movements and Social Change *(3)*
- SOCL 364 - Sociology of Work *(3)*
- SOCL 409 - Immigration, Citizenship, and Border Studies *(3)*

Recommended Course Sequence:

Here are two suggested tracks for students to take to fulfill this curriculum. The first is for a student who begins Sociology courses in the freshman year. The second is for a student who does not begin Sociology courses until the sophomore year.

Track 1 - Freshman Year:

- One 200 or 100 or 150 level Sociology course *(3 - 4)* and
- SOCL elective *(3)*

Track 1 - Sophomore Year:

- SOCL 351 - Sociological Theory *(3)* and
- SOCL 352 - Research Design *(3)* and
- SOCL elective *(3)* and
- SOCL elective *(3)*

Track 1 - Junior Year:

- SOCL 353 - Quantitative Research Methods *(3)* and

- SOCL 354 - Qualitative Sociology *(3)* and
- SOCL elective *(3)*

Track 1 - Senior Year:

The department will offer multiple Senior Capstone Seminars in the academic year. The topics and professors for these courses will vary year to year. The department chair will inform rising seniors, prior to their registration for their senior fall semester of their capstone choices. Rising seniors will then express their preferences to the department chair. Prerequisites for these capstone courses are SOCL 351, SOCL 352, SOCL 353, and SOCL 354. Exceptions to these prerequisites may be made on a case-by-case basis by the department chair. A student completing Sociology Honors is not required to take a senior capstone seminar.

- SOCL 494W - Senior Capstone Seminar *(3)* and
- SOCL elective *(3)*

Track 2 - Sophomore Year:

- One 200 level Sociology course *(3)* and
- SOCL elective *(3)*

Track 2 - Junior Year:

- SOCL 351 - Sociological Theory *(3)* and
- SOCL 352 - Research Design *(3)* and
- SOCL 353 - Quantitative Research Methods *(3)* and
- SOCL 354 - Qualitative Sociology *(3)* and
- SOCL elective *(3)*

Track 2 - Senior Year:

(See Track 1 - Senior Year above for information on the Senior Year Capstone course.)

- SOCL 494W - Senior Capstone Seminar *(3)* and
- SOCL elective *(3)* and
- SOCL elective *(3)* and
- SOCL elective *(3)*

Sociology, Minor

Required Credit Hours: 18

Core Requirements:

Students must take SOCL 250 (Principles of Sociology) and at least five other courses, four of which must be at the 300 or 400 level.

Course Descriptions

SOCL 100 - Big Ideas in Sociology

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Sociology, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

SOCL 150 - First Year Seminar

Fall and Spring (4) Staff (C150)
An exploration of a specific topic in Sociology. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

SOCL 203 - Institutions and Inequality

Fall and Spring (3) Staff (CSI, GER 3)
This course will focus on various institutions in the United States with particular attention paid to the ways that institutional arrangements both reflect and recreate inequality in American society. In addition the course will explore how the seemingly individual attributes of race, class, and gender operate within these larger social arrangements reinforcing already existing systems of advantage and disadvantage.

SOCL 204 - Contemporary Social Problems In the US

Fall and Spring (3) Staff (CSI, GER 3)
This course explores problems in society and their social construction. Explores how sociologists approach issues such as inequality by race, class and gender. Other topics covered may include violence, environmental degradation and social deviance.

SOCL 205 - Global Social Problems

Fall and Spring (3) D. Sohoni, Quark (GER 3)
This course Introduces students to the sociological analysis of social problems with an emphasis on the impacts of globalization. Specific topics covered may include economic development and wealth inequality, global warming, global health, and gender inequalities.

SOCL 240 - Special Topics In Sociology

Fall and Spring (1-3) Staff
Selected topics in sociology. The topics to be considered will be announced prior to the beginning of the semester. Instructors may require prior approval for registration. This course may be repeated for credit if topic varies. This course may be repeated for credit if topic varies

SOCL 250 - Principles of Sociology

Fall and Spring (3) Staff (CSI, GER 3)
This course is an introduction to sociology. It examines historical traditions, classical writers and their theories and basic sociological concepts. Sociological research is used to illustrate how sociologists help us understand the relationships between the social world and the individual.

SOCL 302 - Criminology

Fall or Spring (3) Aday, Ousey, T. Sohoni (College 200, CSI, GER 3)
This course examines justice and civility in law and law enforcement. Two interrelated parts are explored: (1) the creation and administration of criminal law; and (2) the development of patterns of behavior that violate criminal laws. (This course is anchored in the CSI domain, and also considers aspects of the NQR domain.)

SOCL 304 - Gender in Society

Fall or Spring (3) Bickham Mendez, Hand (College 200, CSI)
This course explores different theoretical approaches to gender and its intersections with other sources of inequality such as race, class and age. Possible topics include: gender and sexuality, masculinities, gender and the body, and inequalities in the workplace and home. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

SOCL 306 - Urban Sociology

Fall or Spring (3) Hanley, Saporito
This course examines the emergence of cities, particularly urbanization in the U.S. Explores urban structure from ecological and social perspectives, selected problems associated with urban growth including housing, segregation, education, crime and politics.

SOCL 307 - Sociology of Education

Fall or Spring (3) Saporito
This course examines education as an institution that perpetuates inequality but also serves as a pathway for social mobility. It explores current educational issues such as equality of educational opportunity by race, class and gender, school segregation, and school accountability.

SOCL 308 - Environmental Sociology

Fall or Spring (3) Kaup (CSI)
This course examines why some environmental risks gain attention while others are ignored, how communities and individuals respond to environmental hazards, how environmental concern is measured, characteristics of the environmental movement and whether our society can become sustainable.

SOCL 309 - Media and Society

Fall or Spring (3) Gosin, Linneman
This course examines the media as an institution that influences and is influenced by other institutions. Possible topics include: media industries as complex organizations, media influence on politics, audience reception of media content, and the implications of new media technologies.

SOCL 310 - Wealth, Power, and Inequality

Fall or Spring (3) Hanley, Ozyegin
This course explores inequality and how it is created and maintained. It takes a comparative, in-depth look at class and stratification in society, examining inequality in income, wealth, prestige, and power, and the cultural and economic systems that maintain it.

SOCL 311 - Birth, Sex, Death: Population and Society

Fall or Spring (3) D. Sohoni
This course examines debates about the effects of population growth on the environment, food supplies, distribution of resources, and standards of living. It explores the causes and consequences of population growth, composition, and distribution in economically developed and underdeveloped areas.

SOCL 312 - Comparative Sociology

Fall and Spring (3) Ozyegin (CSI, GER 4B)
This course explores non-Western societies, including critical examination of the ways in which non-Western cultures have been interpreted in the West. Topics include gender, class, and race-based stratification; family systems; industrialization; urbanization; international migration; globalization; national cultures as "imagined communities." (Cross listed with GSWS 312)

SOCL 313 - Globalization and International Development

Fall or Spring (3) Bickham Mendez, Quark (GER 4B)
This course examines the impact of globalization on the social, cultural and economic development of "non-Western" societies. Case studies will emphasize interconnections between global processes and local people. Possible topics: global economy, transnational migration, human rights, gender, and racial/ethnic diasporas.

SOCL 332 - Families and Kinship

Fall or Spring (3) Jenkins
This course grapples with the complex issues of contemporary family life by analyzing historical and current variations in family forms and practices. We pay particular attention to how family experiences are shaped by gender, race, ethnicity, sexuality, and socio-economic status.

SOCL 337 - Immigration, Assimilation and Ethnicity

Fall or Spring (3) Bickham Mendez, D. Sohoni, Gosin. (GER 3)
This course explores the forces that influence people to leave their own countries for the U.S.; how immigrants and their children adapt to their new surroundings; the role of historical and contemporary immigration on race/ethnic relations.

SOCL 340 - Special Topics In Sociology

Fall and Spring (1-4) Staff
Selected topics in sociology. The topics to be considered will be announced prior to the beginning of the semester. Instructors may require prior approval for registration. This course may be repeated for credit If topic varies

SOCL 350 - Critical Engagement in Context

Fall or Spring (4) Aday
This course will survey a range of critical theories and perspectives about civic engagement, including but not limited to philosophies of citizenship, organizational structure and efficacy, social justice and inequality, social movements, and others. Students will be encouraged to use an interdisciplinary lens for understanding principles and practices of civic engagement in this course, delving more deeply in areas of faculty expertise but covering a range of theoretical and critical perspectives that

"complicate" notions of identity, community, and effective engagement depending on social, economic, and global contexts of participation for example. (Cross-listed with CMST 350)

SOCL 351 - Sociological Theory

Fall and Spring (3) Staff (CSI)
This course explores classical and modern sociological theories and theorists. Examined also is the development of the discipline of sociology during the 19th and 20th centuries.

SOCL 352 - Research Design

Fall and Spring (3) Staff (CSI)
This course introduces students to the logics of sociological research, and the diverse research designs that follow. Specifically, students will be introduced to selected qualitative and quantitative research designs that exemplify alternative logical and empirical traditions in sociological research. Students will learn skills necessary to understand the logic of different underlying methods, evaluate the strengths/weaknesses of quantitative and qualitative approaches, and assess whether research findings support stated conclusions. Attention will also be given to assessing the ethical/political implications of research design.

SOCL 353 - Quantitative Research Methods

Fall and Spring (3) Staff Prerequisite(s): Recommended Previous Course: SOCL 352 *(CSI, MATH, ACTV, GER 1)*
In this course, students learn how to locate quantitative data, critique sources of data, and prepare data for analysis. Students learn descriptive, inferential, and multivariate explanatory techniques of data analysis, with an emphasis on selecting among these techniques and carrying them out using statistical software. Students learn how to interpret quantitative findings and convey them to a variety of audiences.

SOCL 354 - Qualitative Sociology

Fall and Spring (3) Staff (CSI, ACTV)
Students examine and learn the strategies of qualitative sociologists by reading excerpts from qualitative works and reflective writings about doing research. Students gain experience gathering a variety of qualitative data by performing ethnograhpic, comparative historical, archival, interview-based, and/or focus group research.

SOCL 361 - Social Movements and Social Change

Fall or Spring (3) Bickham Mendez, Linneman (College 200, CSI, GER 3)
This course examines different approaches to social change, social movements and collective action. Case studies will be used to explore such topics as; movement formation, strategies and effectiveness, collective identities, counter-cultures, the media and social control. (This course is anchored in the CSI domain, and also considers aspects of the ALV and NQR domains.)

SOCL 362 - Medical Sociology

Fall and Spring (3) Staff (CSI)
This course explores the sociology of health and illness, focusing in particular on how power and inequality shape the practice of medicine and the availability of health care in the United States. Special topics include cancer, genetics, and integrative medicine.

SOCL 363 - Sociology of Religion

Fall or Spring (3) Jenkins (College 200, CSI)
This course explores systems of belief, rituals, organizations and movements. The course examines factors that influence religiosity, as well as the ways religion affects (and is affected by) other social institutions, such as the economy, politics and the educational system. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.) (Cross-listed with RLST 363).

SOCL 364 - Sociology of Work

Fall or Spring (3) Hanley
This course examines the role of work in contemporary society. Social, institutional and cultural influences are explored. Topics examined include: global work issues, paid and unpaid work, gendered segregation of work, discrimination in the workplace, and workplace cultures.

SOCL 365 - Economy and Society

Fall or Spring (3) Staff
This course examines economic action through a sociological lens. It includes examinations of early and recent features of capitalist development, the relationship of states and economic actors and institutions, labor and labor movements, and globalization. An introduction to the growing field of economic sociology, students will explore the embeddedness of markets, the importance of networks, and how race, class, and gender impact economic action.

SOCL 366 - Asian American Studies

Fall or Spring (Course may not be offered regularly.) (3) D. Sohoni
This course examines the history of Asian immigration to the U.S., the development of Asian-American communities, and the social incorporation of these groups within American society. Emphasis is on the prominent theories, major issues, and current controversies in Asian-American Studies.

SOCL 368 - International Community Health and Development

Fall or Spring (3) Aday (College 300, ALV)
This course provides the foundations for projects in engaged scholarship focused on participatory development strategies and community health. It was developed through ongoing work with projects known as Student Organization for Medical Outreach and Sustainability (SOMOS) and Medical Aid Nicaragua: Outreach Scholarship. Both of these projects began as a student initiatives in service learning. The project founders sought a different model for student engagement and articulated concerns about the marginalization of regions, nations, communities, and people and about the arrogance of international development interventions. They expressed skepticism about the value of ungrounded approaches to helping.

SOCL 404 - Modern Organizations

Fall or Spring (3) Aday Prerequisite(s): (Course may not be offered regularly.)
This seminar examines large bureaucratic organizations and interorganizational systems that profoundly shape the character of our society and our lives. Theories are used to improve our ability to analyze, work within and respond to organizations.

SOCL 405 - Sociology of Aging

Fall or Spring (Course may not be offered regularly.) (3) Staff
This seminar explores the social, cultural and social-psychological aspects of human aging. Examines the social construction of old age; race/ethnicity, class, gender, sexual orientation and aging; age and social inequalities; care work, family and aging.

SOCL 408 - Migration in a Global Context

Fall or Spring (3) D. Sohoni, Bickham Mendez
This seminar examines shifting patterns, experiences, and theoretical perspectives of migration in a context of globalization. Emphasis is on the causes and consequences of migration. Topics may include: race, gender, family, work, immigrants' rights, changing notions of citizenship and democracy.

SOCL 409 - Immigration, Citizenship, and Border Studies

Spring (3) Bickham Mendez, D. Sohoni Prerequisite(s): SOCL 351 or SOCL 352
In the upper-level seminar, students will use the interdisciplinary lens of border studies to explore the cultural, political, and economic dynamics of immigration and their implications for the larger issues of democratic participation, community, and social membership.

SOCL 425 - Blacks in American Society

Fall or Spring (3) Gosin (CSI)
This seminar examines changing economic, political, educational and residential conditions of Blacks in the United States in terms of their historic and contemporary consequences. Explores the diverse experiences of Americans of African descent and intra-group tensions (class and gender related). (Cross listed with AFST 425)

SOCL 426 - Sociology of Mental Illness

Fall or Spring (Course may not be offered regularly) (3) Staff
This seminar explores sociological aspects of mental illness and mental health. It examines the social and cultural sources of mental disorders, definitions, types, distribution within society, and sociological factors in the treatment of mental illness.

SOCL 427 - Energy, Environment, and Development

Fall or Spring (3) Kaup
This seminar examines the role of extractive and agricultural industries in processes of globalization and socioeconomic change. Topics include: the commodification of nature; resource scarcity, and global expansionism; unequal ecological exchange; resource wars; and the end of nature.

SOCL 428 - Technology, Science and Power

Fall or Spring (3) Staff
This seminar provides an in-depth exploration of the literature in the sociology of science and technology. Particular attention is

given to how race, gender, class, sexuality, and globalization shape the use of technology and the production of scientific knowledge.

SOCL 429 - Deviance and Social Control

Fall (3) Aday, Ousey Prerequisite(s): Any 200-level sociology course
This seminar examines behavior that violates social norms, yet is not necessarily illegal. The course focuses on social control and the emergence of deviant lifestyles.

SOCL 430 - Comparative Studies in Gender and Work

Fall or Spring (3) Bickham Mendez, Ozyegin (CSI, GER 4B)
Recommended for juniors and seniors This seminar is a multidisciplinary examination of work and gender in the global economy. Topics include: constructing gender at work; occupational segregation by gender, race, and ethnicity; national and transnational labor migration; immigrants' work in the U.S. and movements toward gender equality. (Cross listed with GSWS 430)

SOCL 431 - Comparative Race Relations

Fall or Spring (3) Gosin, D. Sohoni
This seminar examines the role of race/ethnicity as factors of social differentiation in various societies using a comparative approach. Topics include: effects of de-colonialism, consequences of nationalization projects, distribution of societal resources and the assimilation/ pluralism paradigms.

SOCL 432 - Sociology of Sexualities

Fall or Spring (3) Linneman
This seminar examines how sociologists study sexuality. Topics include: sociological approaches to studying sexuality, the growing prominence of sexual minorities, sexuality throughout life, sexual subcultures, the politics of sexuality, and how sexual norms differ among various social groups.

SOCL 433 - Crime and Justice in America

Fall or Spring (3) Aday, Ousey Prerequisite(s): Any 200 level sociology course or consent of instructor *(CSI)*
This interdisciplinary seminar examines the history, culture, social structure, and social processes of justice in the United States. Drawing from literature, history, ethnography, policy analysis, and criminology, the course examines meanings and experiences of crime and justice as American phenomena.

SOCL 434 - Race and Crime

Fall and Spring (3) Sohoni (College 200, CSI)
This class uses a sociological lens and examines research addressing racial disparities in criminal justice outcomes. We pay particular attention to the role of public policy in creating and maintaining racial and ethnic disparities in the US broadly as well as within the criminal justice system specifically. (This course is anchored in the CSI domain, and also considers aspects of the ALV domain.)

SOCL 435 - Crime and the Life Course

Fall (3) Ousey
This course introduces students to the life-course perspective as a theoretical and analytic framework for studying crime and criminal justice. The course will review and evaluate the theoretical, methodological, and practical issues that have emerged from the growing importance of the life-course perspective in the field of criminology.

SOCL 440 - Special Topics in Sociology

Fall or Spring (1-3) Staff
Selected topics in sociology. The topics to be considered will be announced prior to the beginning of the semester. Instructors may require prior approval for registration. This course may be repeated for credit if topic varies

SOCL 480 - Readings in Sociology

Fall or Spring (1-3) Staff Prerequisite(s): Consent of instructor
Independent readings directed toward conceptual topics and substantive areas in sociology. Students will read materials in their own area of interest in consultation with an appropriate faculty member. Readings will not duplicate areas covered in courses offered in the curriculum.

SOCL 481 - Readings in Sociology

Fall or Spring (1-3) Staff Prerequisite(s): Consent of instructor
Independent readings directed toward conceptual topics and substantive areas in sociology. Students will read materials in their own area of interest in consultation with an appropriate faculty member. Readings will not duplicate areas covered in courses offered in the curriculum.

SOCL 490 - Independent Research

Fall and Spring (1-4) Staff Prerequisite(s): SOCL 352
This course is designed to permit the sociology concentrator to engage in independent research after completing Sociology 352 (Social Research). Working closely with a department faculty member as an advisor, each student will prepare a substantial research paper.

SOCL 494W - Senior Capstone Seminar

Fall or Spring (3) Staff Prerequisite(s): SOCL 351 and SOCL 352 and SOCL 353 and SOCL 354
This course is designed as a capstone experience for senior majors. It also fulfills the major writing requirement.

SOCL 495 - Honors

Fall, Spring (3) Staff Prerequisite(s): Consent of instructor. (Students may opt to begin honors in Spring of junior year.)
Sociology Honors candidates enroll for both semesters of their senior year. Requirements: oral defense of an honors proposal at the end of the first semester; preparation and presentation of a completed Honors project, satisfactory performance in a comprehensive oral examination focusing on the Honors thesis.

SOCL 496 - Honors

Fall, Spring (3) Staff Prerequisite(s): Consent of instructor. (Students may opt to begin honors in Spring of junior year.)
Sociology Honors candidates enroll for both semesters of their senior year. Requirements: oral defense of an honors proposal at the end of the first semester; preparation and presentation of a completed Honors project, satisfactory performance in a comprehensive oral examination focusing on the Honors thesis.

SOCL 498 - Internship

Fall and Spring (3) Staff Prerequisite(s): Consent of instructor
This course is designed to allow students to gain first-hand knowledge through practical experience in real-world settings. Students will be supervised by and will meet regularly with department faculty members. The internship includes readings in related areas of sociology as assigned by supervising faculty as well as a final paper.

SOCL 499 - Internship

Fall and Spring (3) Staff Prerequisite(s): Consent of instructor
This course is designed to allow students to gain first-hand knowledge through practical experience in real-world settings. Students will be supervised by and will meet regularly with department faculty members. The internship includes readings in related areas of sociology as assigned by supervising faculty as well as a final paper.

Theatre, Speech, and Dance [Back to Table of Contents]

Faculty

Theatre, Speech, and Dance Faculty

Associate Professor

Owens (Chair).

Professors

Gavaler, **Holliday**, **Tanglao-Aguas**, and **Wesp**

Associate Professors:

Allar, Glenn, **A. Green, Wade**, **Wiley**, and **Wolf**

Instructors:

Baker, Bauer, Dixon, Dudley, Fuchs, Johnson, King, Lerman, Levering, McNorton, Morris, Poland, Ridley-Johnston

Theatre

When students decide to become theatre majors, they accept the requirements demanded by their art—self-discipline, curiosity, cooperation, and a desire for excellence. Theatre inherently embraces the liberal arts, fusing historical and theoretical studies with creative work. We expect theatre majors to become knowledgeable about all facets of theatrical practice including direction, design, technical production, and performance.

Our undergraduates excel because the department provides major opportunities for students to fulfill high level production assignments and in-depth scholarly research while investigating a variety of theatrical genres. In addition to four main stage productions each year, the department sponsors Senior Directorials (full-length plays directed by advanced students), Director's Workshop (one-act plays directed by intermediate students), and Premiere Theatre (plays written, directed, and acted by students). A distinctive feature of the department is our faculty's deep collaboration with global, ethnic, and interdisciplinary based programs of study such as Africana Studies, American Studies, Asian Studies, Film Studies, Literary & Cultural Studies, and Women's Studies.

The department prepares students to continue working in theatre, to teach, to pursue graduate studies, or to apply lessons learned in other occupations. The immersion in both scholarship and performance at William and Mary provides an excellent basis for any pursuit which demands leadership ability, collaborative skill, practical expertise, and creative intelligence.

Dance

The Dance Program emphasizes the creative process within a liberal arts setting by providing an environment to stimulate inventive thinking through the language of dance. Students are provided with major opportunities to produce original choreographic work through two main stage concerts and one studio concert each year. Dance offerings include cross-listings in Africana Studies, American Studies, Asian Studies, and Film Studies. Many students study dance for the first time at William and Mary, while others build on previous training. Students pursue studies in dance to develop artistry, performance skills, leadership ability, and critical thinking skills which are essential in many professions and provide a foundation for graduate work and careers in dance.

A Placement Evaluation to determine technique level is offered during orientation week in the fall. Students will be assigned to the technique level for which they are qualified on the basis of previous background and demonstrated technical ability. Those students who place at the 300-level or above will receive exemption for GER 6 (No credit).

Programs

Dance, Minor

Required Credit Hours: 22

Core Requirements:

A maximum of 16 credit hours in dance technique and Performance Ensemble (DANC 111, DANC 211, DANC 212, DANC 261, DANC 262, DANC 264, DANC 311, DANC 312, DANC 321, DANC 322, DANC 411, DANC 412) may be used toward graduation requirements for those minoring in dance. Non-minors may apply 14 credits of dance technique and Performance Ensemble toward graduation requirements. Please note: This limit does not include other Dance Program courses such as dance history, freshman seminars, composition, practicum, independent projects or Alexander Technique.

- DANC 220 - History of Modern Dance *(3)*
- DANC 305 - Dance Composition I *(3)*
- DANC 306 - Dance Composition II *(3)*
- DANC 401 - Group Choreography *(3)*
- DANC 401L - Group Choreography Lab *(1)*
- DANC 406 - Independent Projects in Dance *(1-3)*
- DANC 311 - Modern III *(1-2)*
- DANC 312 - Modern III *(1-2)*

- DANC 411 - Modern IV *(1-2)*
- DANC 412 - Modern IV *(1-2)*
- 4 credits in Modern III and/or Modern IV
- Electives as required

Theatre, BA

Required Credit Hours: 36

Major Computing Requirement (Select One):

- THEA 306 - Advanced Stagecraft *(3)*
- THEA 309 - Costume Design for the Theatre *(3)*
- THEA 310 - Scene Design *(3)*
- THEA 312 - Sound Design for the Theatre *(3)*
- THEA 314 - Stage Lighting Design *(3)*
- THEA 320 - Performing Arts Administration *(3)*

Major Writing Requirement:

To pass the Major Writing Requirement in Theatre, majors must earn a "paper grade" of "C-" or better in two courses from among the courses listed below. The "paper grade," a part of the final course grade, will be the average of all short and long papers "weighted" according to the course syllabus. Instructors in these courses will provide a series of opportunities for students to demonstrate their ability to write essays containing sustained and well-developed thought in clear and effective prose. Instructors will comment upon and direct more than one paper in a course or more than one draft of a long paper, thus giving students the chance to benefit from the instructor's critical assessment.

- THEA 328 - World Theatre History, 500 B.C. to 1750 *(3)*
- THEA 329 - World Theatre History, 1750 to the Present *(3)*
- THEA 331 - Feminist Theory and Contemporary Theatre *(3)*
- THEA 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)*
- THEA 336 - African American Theatre History I *(3)*
- THEA 337 - African American Theatre History II *(3)*
- THEA 410 - Theatre and Society in 20th-Century America *(3)*
- THEA 415 - Shakespeare's Renaissance Theatre *(3)*
- THEA 461 - Topics in Theatre History, Theory and Criticism *(3)*
- THEA 481 - Dramatic and Theatrical Theory *(3)*

Core Requirements:

Students considering a theatre major are advised to take either THEA 150 or THEA 200 in their freshman year. Students taking THEA 200 may not take THEA 150 for credit and vice versa.

A student majoring in theatre must take:

- THEA 150 - First Year Seminar *(4)*

  or

- THEA 200 - Introduction to Theatre *(2)*

- THEA 200L - Theatre Production Lab *(1)*

  and

- THEA 201 - Beginning Acting *(3)*
- THEA 205 - Stagecraft *(3)*
- THEA 300 - Fundamentals of Design for the Theatrical Arts *(3)*
- THEA 328 - World Theatre History, 500 B.C. to 1750 *(3)*
- THEA 329 - World Theatre History, 1750 to the Present *(3)*
- THEA 380 - Practicum in Theatre *(1)* two credits, at least one must be in a technical area
- THEA 407 - Direction *(3)*

One of the Following:

- THEA 317 - Fundamentals of Playwriting *(3)*
- THEA 331 - Feminist Theory and Contemporary Theatre *(3)*
- THEA 332 - Sex & Race in Plays & Films: Dramatizing Diversity *(4)*
- THEA 336 - African American Theatre History I *(3)*
- THEA 337 - African American Theatre History II *(3)*
- THEA 410 - Theatre and Society in 20th-Century America *(3)*
- THEA 415 - Shakespeare's Renaissance Theatre *(3)*
- THEA 461 - Topics in Theatre History, Theory and Criticism *(3)*
- THEA 481 - Dramatic and Theatrical Theory *(3)*

One of the Following:

- THEA 309 - Costume Design for the Theatre *(3)*
- THEA 310 - Scene Design *(3)*
- THEA 312 - Sound Design for the Theatre *(3)*
- THEA 314 - Stage Lighting Design *(3)*

One of the Following:

Students with previous Dance experience should take the Dance Placement Evaluation in the fall to gain permission for intermediate level Modern, Ballet or Jazz courses.

One Dance Technique course any level from the first group below:

- DANC 111 - Modern I *(2)*
- DANC 211 - Modern II *(2)*
- DANC 212 - Modern II *(2)*
- DANC 261 - Intermediate Ballet *(2)*
- DANC 262 - Intermediate Ballet *(2)*
- DANC 264 - Intermediate Jazz *(2)*
- DANC 303 - Alexander Technique *(1)*
- DANC 311 - Modern III *(1-2)*

- DANC 312 - Modern III *(1-2)*
- DANC 333 - South & South East Asian Folklore Performance *(3-4)* or
- THEA 333 - South & South East Asian Folklore Performance *(3-4)*
- DANC 411 - Modern IV *(1-2)*
- DANC 412 - Modern IV *(1-2)*

Theatre, Minor

Required Credit Hours: 22

Core Requirements:

- THEA 200 - Introduction to Theatre *(2)* and
- THEA 200L - Theatre Production Lab *(1)*

  OR
- THEA 150 Introduction to Theatre *(4)*

- THEA 201 - Beginning Acting *(3)*
- THEA 300 - Fundamentals of Design for the Theatrical Arts *(3)*
- THEA 328 - World Theatre History, 500 B.C. to 1750 *(3)*
- THEA 329 - World Theatre History, 1750 to the Present *(3)*
- THEA 380 - Practicum in Theatre *(1)*
- Electives as required

Course Descriptions

Dance

DANC 100 - Critical Questions in Dance

Fall and Spring (4) Staff (College 100)
An exploration of significant questions and concepts, beliefs and creative visions, theories and discoveries in Dance for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

DANC 111 - Modern I

Fall and Spring (2) Glenn, Morris, Wade (ACTV, GER 6)
Designed for the student with little or no dance background. Introduces dance as an art form and as a means of expression through both the study of movement fundamentals and creative work. Course may be repeated with instructor permission

DANC 150 - First-Year Seminar

Fall and Spring (4) Staff (College 150)
An exploration of a specific topic in Dance. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion. Sample topics might include various aspects of Dance History (e.g. specific choreographers or movements).

DANC 201 - Reconstructing Moments in History

Spring (4) Glenn (College 200, ALV)
This historical and practical course will explore 20th Century modern dance choreographers and the social, political, and cultural

events that shaped their work. Students will also explore short excerpts from historical dance works from notation score and create their own mini-scores using Motif Writing. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

DANC 211 - Modern II

Fall and Spring (2) Glenn, Morris, Wade (ACTV, GER 6)
Designed to strengthen technical skill at an intermediate level. Explores dance as an art form and as a means of expression through both the development of movement skills and creative work.

DANC 212 - Modern II

Fall and Spring (2) Glenn, Morris, Wade (ACTV, GER 6)
Designed to strengthen technical skill at an intermediate level. Explores dance as an art form and as a means of expression through both the development of movement skills and creative work.

DANC 220 - History of Modern Dance

Spring (3) Glenn (GER 5) (ALV)
An introduction through films and lectures to the field of modern dance, which is rooted in American culture, with emphasis on the stylistic approach and aesthetic of the artists who have contributed to its development in the twentieth century. (Cross-listed with AMST 240)

DANC 230 - History of American Vernacular Dance

Fall (3) Glenn (GER 5)
An introduction, through films and lectures, to dance in U.S. popular culture with an emphasis on its development from roots in African dance to the vernacular forms of tap, ballroom, and jazz by examining the movement styles found in concert jazz, musical theatre, and popular social dances. (Cross listed with AFST 334, AMST 241)

DANC 261 - Intermediate Ballet

Fall and Spring (2) McCoy, Morris (ACTV, GER 6)
Designed to strengthen technical skill at an intermediate level. Explores ballet as an art form and as a means of expression through both the development of a movement style and creative work.

DANC 262 - Intermediate Ballet

Fall and Spring (2) McCoy, Morris (ALV, ACTV, GER 6)
Designed to strengthen technical skill at an intermediate level. Explores ballet as an art form and as a means of expression through both the development of a movement style and creative work.

DANC 264 - Intermediate Jazz

Spring (2) Wade (ALV, ACTV, GER 6)
Explores jazz dance as an art form and as a means of expression through technical and creative work (choreography, improvisation). The study of various jazz and musical theatre dance styles will reflect the history of jazz and popular music.

DANC 301 - Practicum in Dance

Fall and Spring (1-3) Gavaler, Glenn, Wade (ALV)
Designed to provide an opportunity for students to fulfill needs in dance-related areas of movement experience such as improvisation, partnering, effort/shape, performance skills, teaching skills, body therapies, interdisciplinary creative work, intensive work with technique, and community outreach activities. Course may be repeated for a maximum of 6 credits

DANC 303 - Alexander Technique

Fall or Spring (1) Gavaler
Designed to provide students with an opportunity to refine and heighten kinesthetic sensitivity. The process of exploring the inherent design of the human body, and cooperating consciously with that design, leads to greater ease, flexibility, power, and expressiveness in all activities. As space permits, this course may be repeated once for credit

DANC 305 - Dance Composition I

Fall (3) Gavaler
This course introduces elements, methods and structures of dance composition in application to the solo figure. Students will have the opportunity to experiment with movement invention; to cultivate variety, contrast, and originality in their choreographic process; and to expand their personal aesthetic range.

DANC 306 - Dance Composition II

Spring (3) Gavaler Prerequisite(s): DANC 305 *(ALV)*
This course builds on the compositional elements presented in DANC 305 and offers students the opportunity to develop increasing sophistication and self-direction in their approach to choreography. The inspiration for the studies will be compositional experiments in 20th and 21st century fine and performing arts.

DANC 311 - Modern III

Fall and Spring (1-2) Gavaler, Glenn, Wade
Designed to challenge the student by introducing complex movement sequences drawn from well-known technical vocabularies. Each course may be repeated twice for credit

DANC 312 - Modern III

Fall and Spring (1-2) Gavaler, Glenn, Wade (ALV)
Designed to challenge the student by introducing complex movement sequences drawn from well-known technical vocabularies. Each course may be repeated twice for credit

DANC 321 - Performance Ensemble

Fall and Spring (1-2) Wade, Glenn, Gavaler Prerequisite(s): Successful audition
Designed to provide an opportunity for the advanced dancer to participate in creative work and performance. Each course may be repeated three times for credit

DANC 322 - Performance Ensemble

Fall and Spring (1-2) Wade, Glenn, Gavaler Prerequisite(s): Successful audition *(ALV)*
Designed to provide an opportunity for the advanced dancer to participate in creative work and performance. Each course may be repeated three times for credit

DANC 330 - Internship in Dance

Fall and Spring (1-3) Gavaler, Glenn, Wade
Qualified students may receive credit for a structured learning experience in a professional quality dance company or dance festival (e.g., American Dance Festival, Duke University) which provides an opportunity to apply and expand knowledge under expert supervision. Must be approved in advance as well as monitored and evaluated by the faculty. Course may be repeated for a maximum of 6 credits

DANC 333 - South & South East Asian Folklore Performance

Summer or Fall (3-4) Tanglao-Aguas (ACTV, GER 4B, GER 6)
Interdisciplinary journey into the sociocultural history, aesthetics, languages, and performance of ceremony, dance, folklore, oral literature, performance and ritual in South and Southeast Asia. Students will learn to sing, dance, act, and chant in scenes from sacred epics such as the RAMAYANA and MAHABHARATA. Course work includes composing reflections on the creative process and essays on the socio-historic
context of the epics and performance traditions. Students receive 4 credits in the fall semester version of the course where students are taught and tested in introductory Bahasa Indonesia. When the course is offered for 3 credits during summer sessions, there is very minimal Bahasa Indonesia language instruction and examination. (Cross listed with AMES 333 or THEA 333)

DANC 350 - Introduction to Physical Theatre

Spring (3) Gavaler, Wiley Prerequisite(s): Previous theatre and dance performance course work and permission of the instructors *(ALV)*
Provides students with an opportunity to develop sensitivity, intelligence, and strength through practice in Contact Improvisation and exposure to other physical theatre techniques. Students will learn to use compositional tools, develop physically-inspired characters, and interact with environmental elements through performer-created projects. (Cross listed with THEA 350)

DANC 401 - Group Choreography

Fall (3) Wade Prerequisite(s): DANC 305 - DANC 306 *Corequisite(s):* DANC 401L
Students explore principles of choreographic invention for small groups and large ensembles. Problems and possibilities for movement invention involving more than one dancer are investigated as an outgrowth of DANC 305 - DANC 306 which concentrates on composition for the solo figure.

DANC 401L - Group Choreography Lab

Fall (1) Wade
Students will apply principles of choreographic invention, rehearsal and performance techniques learned in DANC 401. Emphasis is on the choreography, teaching, rehearsal and studio performance of two original works - one for a small group and one for a large ensemble.

DANC 406 - Independent Projects in Dance

Fall and Spring (1-3) Gavaler, Glenn, Wade
Directed study of the advanced student arranged on an individual basis with credit according to the range of the proposed project. A semester of work could include either a choreographic work or a research project.

DANC 411 - Modern IV

Fall and Spring (1-2) Glenn, Wade
Designed for the proficient dancer to provide a sound physical and intellectual understanding of modern dance technique. Concentrates on elements drawn from specific movement theories. Each course may be repeated three times for credit

DANC 412 - Modern IV

Fall and Spring (1-2) Glenn, Wade (ALV)
Designed for the proficient dancer to provide a sound physical and intellectual understanding of modern dance technique. Concentrates on elements drawn from specific movement theories. Each course may be repeated three times for credit

DANC 460 - Topics in Dance

Fall and Spring (1-3) Staff
Exploration of a topic in dance through readings, writing, discussions, and practice (when applicable). If there is no duplication of topic, course may be repeated for credit

Speech

SPCH 102 - Fundamentals of Oral Communication

Fall and Spring (2) King (ACTV, GER 6)
Exclusively for freshmen and sophomores An examination of oral communication within a variety of contexts, including interpersonal, small group, public and intercultural communication. The course will focus on techniques to achieve competency and on the development of other communication skills such as listening, participating in discussions and critical thinking.

SPCH 201 - Public Speaking

Fall and Spring (3) Bauer, Eckles, King (ACTV, GER 6)
Understanding and application of the principles of public speaking. Analysis of speeches based on organization, content, and delivery.

SPCH 205 - Oral Interpretation of Literature

Fall (3) Bauer (ACTV, GER 6)
Students will engage in a highly experiential study of literature through the intensive development of analytical ability and vocal and physical performance skills. Students will study, explore, and perform from the major literary genres of prose, poetry, and drama.

SPCH 309 - Argumentation and Debate

Fall (3) Eckles (ACTV, GER 6)
Training in the techniques and practices of argumentative speaking, study and analysis of debate propositions, preparation of the brief, research and selection of evidence, and practice in rebuttal and refutation. Lectures and class debating.

SPCH 310 - Principles of Group Discussion

Spring (3) Staff
Study of logical and psychological foundations of discussion as a method of dealing with public questions, considering problems of adjustment, communication and collaborative action in small groups. Emphasis on principles, types and methods of discussion. Lectures and practice participation.

SPCH 311 - Fundamentals of Communication Theory

Spring (3) Eckles
An examination of various theories of communication and application of those theories to specific social events. Attention will be

given to the function of communication models, the dimension of interpersonal and intra-personal communication, nonverbal elements of communication, and analysis of attitude, change and theory.

SPCH 312 - Persuasive Speaking

Spring (3) Staff
Study of the principles of persuasive speaking, motivation of the audience; the development and organization of the persuasive message; the place of persuasive speeches in persuasive campaigns. Students will give several persuasive speeches.

SPCH 410 - Special Topics in History and Criticism of American Public Address

Spring (3) Staff Prerequisite(s): SPCH 201 or consent of the instructor
Survey of significant speakers, speeches, or speech movements. Critical analysis of important rhetorical phenomena in their historical, political, social, and philosophical contexts

Theatre

THEA 100 - Big Ideas in Theatre, Speech, and Dance

Fall or Spring (4) Staff (College 100)
An exploration of significant questions and integrative concepts in Theatre, their grounding in the process of scientific discovery and application, and their broader relevance to society. Designed for first-year students. Although topics vary, the courses also seek to improve students' communication skills beyond the written word.

THEA 150 - First Year Seminar

Fall or Spring (4) Owens, Holliday (C150)
An exploration of a specific topic in Theatre. A grade of C- or better fulfills the COLL 150 requirement. Although topics vary, the courses emphasize academic writing skills, reading and analysis of texts, and discussion.

THEA 180 - Production Laboratory

Fall and Spring (1) Staff
Participation in various aspects of William and Mary Theatre's production program, including acting, directing, technical or orchestral pit assignments; 50 hour minimum per production. Maximum of 4 credits may be applied to the 120 credit graduation requirement. Instructor permission and course contract required.

THEA 200 - Introduction to Theatre

Fall and Spring (2) Pamment, McNorton Corequisite(s): THEA 200L Restricted to Freshmen and Sophomores *(ACTV, GER 6)*
Students learn the foundational principles of theatrical performance and production which will support their work in subsequent theatre courses. By analyzing scripts, conducting research, viewing live productions, participating in production crews, and undertaking creative projects, students will explore dramatic literature, directing, design, and technical production. Students taking 200 may not take 152 for credit and vice versa. Three class hours plus a minimum of 50 hours working on productions under THEA 200L.

THEA 200L - Theatre Production Lab

Fall and Spring (1) Staff Corequisite(s): THEA 200
Supervised by production staff. Practical immersion in the collaborative process of theatre production through work on preparation crews, running crews, costume crews, and/or box office. Students complete a minimum of 50 hours as a member of one or more crews for the mainstage theatre and dance productions. Lab hours are primarily in the evening and on weekends and are concentrated during the load in period, technical rehearsals, and performances of each show.

THEA 201 - Beginning Acting

Fall and Spring (3) Doersch, Inouve, Johnson, Lerman, Ruffin, Wiley, Staff (ACTV, ALV, GER 6)
An introduction to the art and craft of acting. Development of vocal, physical and improvisational skills and a basic approach to scene and character study through exercises and creative play for individuals and small groups. Open to freshmen.

THEA 203 - Scene Painting

Fall (3) Allar (ACTV, GER 6)
Study of scene-painting techniques and an introduction to basic equipment, supplies, color-mixing, color theory and methods of application. Students prepare exercises and function as scene painters for William and Mary Theatre productions. Four additional workshop hours required per week in addition to class sessions.

THEA 205 - Stagecraft

Fall and Spring (3) Dudley
Study and practice in technical problems, working drawings, construction, rigging, and handling of scenery, properties and backstage organization. Students act as scenic technicians for William and Mary Theatre productions. Lecture and workshop six hours.

THEA 206 - Makeup

Spring (2) Wesp (ACTV, GER 6)
Basic principles of makeup for theatre, television and other performance arts; a varied series of projects to develop individual skills and an awareness of how the actor enhances his "living mask" to create imaginative characterizations. Production involvement required.

THEA 211 - Introduction to Stage Combat

Fall or Spring (3) Ruffin (ACTV, GER 6)
Actors are frequently called on to create the illusion of violence. This course examines the fundamental techniques of unarmed and bladed Stage Combat in which the actor learns to fall, roll, punch, slap, kick, employ basic sword methods and understand the basic tools of Stage Combat choreography. Students also learn good stage partnering skills.

THEA 213 - Introduction to Stage Lighting

Fall and Spring (4) Holliday (College 200, ALV, ACTV, GER 6)
Methods and materials of stage lighting, with emphasis on the study of the functions and qualities of light, instruments, control equipment, and procedure. Students act as technicians for William and Mary Theatre productions. (This course is anchored in the ALV domain, and also considers aspects of the NQR domain.)

THEA 220 - Millinery

Spring (2) Wesp (ACTV, GER 6)
An introduction to the principles, materials, and techniques basic to the creation of hats and headwear appropriate for stage and street wear. Students will examine research and design, construction, and decoration through a series of projects. Lecture and studio 2 hours.

THEA 222 - Acting Asian American: The Performance of Identity

Fall or Spring (3) Tanglao-Aguas (College 200, ALV, ACTV, GER 4C, GER 6)
Beginning actor training for students who will perform from scripts dramatizing the Asian American community. Scene study involves research and analysis of the script's socio-historical background. The scripts may cover themes such as immigration, colonialism, discriminatory laws, gender stereotypes and hyper-sexualization, the fetish and sex trade, the Japanese American internment, the farm-workers labor movement, the Vietnam War, and Terrorism. Graded course work includes monologue and scene work, analytical and reflective essays, and a public performance celebrating Asian Pacific American Heritage. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.)

THEA 260 - Introduction to Musical Theatre

Fall (3) McNorton (ACTV, GER 6)
This is an introductory course in musical theatre history and performance for students entertaining their first experience with acting and singing, or, for those who wish to expand on their previous high school training. The course deals with the exploration and study of musical theatre performers, literature and history through video and recordings, and preparation of musical theatre repertoire for the audition process. Some previous singing or acting experience is suggested.

THEA 262 - Solo Performance Art

Fall (3) Lerman (ACTV, GER 6)
This class reviews the history of performance art with attention to the manifestos created. Each student will write their own Performance Manifesto, with the class culminating in the creation and public showing of a solo performance work. Time will be spent in and out of class rehearsing and experimenting (the performance process) on how to make the leap from a written manifesto to the act of artistic expression.

THEA 306 - Advanced Stagecraft

Spring (3) Dudley Prerequisite(s): THEA 205
Study and practice of advanced technical practices through lecture, discussion, research and individual projects. Emphasis is placed on construction, analysis, computer assisted drafting, graphics, material selection, scene shop topography and maintenance, and technical direction.

THEA 307 - Costume Patterning and Construction

Fall (3) Wesp
An introduction to the principles and skills basic to patterning and construction of costume garments and accessories for both period and modern production. Students prepare exercises and function as technicians for the William and Mary Theatre productions. Two class hours, five laboratory hours.

THEA 308 - History of Fashion and Clothing

Fall (3) Wesp (GER 5)
History of period costume and clothing from Egyptian to 20th century fashion; lecture, research and field trips.

THEA 309 - Costume Design for the Theatre

Spring (3) Wesp Prerequisite(s): THEA 300 or consent of instructor
Principles of designing costumes for theatre are presented through lecture, demonstration and discussion. A series of design projects develops skills in research, sketching and rendering.

THEA 310 - Scene Design

Spring (3) Allar Prerequisite(s): THEA 300 or consent of instructor
A comprehensive exploration of the scenic environment associated with contemporary stage design. In addition to script analysis, period research, and graphic presentation, this course places emphasis on sketching, drafting, perspective rendering, and model building. Six studio hours.

THEA 312 - Sound Design for the Theatre

Fall (3) Dudley Prerequisite(s): THEA 300
An introduction to the tools, techniques, and processes of sound and music for the theatre with a series of exercises and discussions on the structure of audio systems, digital audio editing and playback, play analysis, and the creative enhancement of the dramatic environment.

THEA 314 - Stage Lighting Design

Fall (3) Holliday Prerequisite(s): THEA 300 and THEA 213
Theory and technique of stage lighting design, with emphasis on artistic choices made through script analysis and understanding of the qualities and functions of lighting. Includes lighting projects reflecting a number of production styles. Students serve as technicians for William and Mary Theatre productions.

THEA 319 - Stage and Production Management

Spring (3) Dudley, Staff
Discussions, demonstrations, and projects introduce the organizational, technical, and interpersonal skills needed by a theatrical stage manager.

THEA 320 - Performing Arts Administration

Spring (3) Palmer Prerequisite(s): THEA 152 or THEA 200 or consent of instructor
An examination of the principles and methods of managing performing arts organizations, including image and audience building, finance, and operations.

THEA 328 - World Theatre History, 500 B.C. to 1750

Fall (3) Pamment Prerequisite(s): THEA 200, strongly recommended *(ALV, GER 5)*
An examination of representative plays and staging practices, focusing on the Greek, Roman, Medieval, Renaissance, Neoclassical, Restoration, and early 18th-century periods, and including selected non-western theatrical developments such as Noh Theatre and Kathakali.

THEA 328W - Survey of Theatre History, 500 B.C. to 1750

Fall (3) Pamment Prerequisite(s): THEA 200, or THEA 152 strongly recommended *(GER 5)*
An examination of representative plays and staging practices, focusing on the Greek, Roman, Medieval, Renaissance, Neoclassical, Restoration, and early 18th-century periods, and including selected non-western theatrical developments such as Noh Theatre and Kathakali.

THEA 329 - World Theatre History, 1750 to the Present

Spring (3) Pamment Prerequisite(s): THEA 200, or THEA 152 strongly recommended *(GER 5)*
An examination of representative plays and staging practices, focusing on the late 18th century, the Romantic, Modern, and Postmodern periods, and including selected non-western theatrical developments such as Peking Opera, Malaysian, and African forms.

THEA 329W - Survey of Theatre History, 1750 to the Present

Spring (3) Pamment Prerequisite(s): THEA 200, or THEA 152 strongly recommended *(GER 5)*
An examination of representative plays and staging practices, focusing on the late 18th century, the Romantic, Modern, and Postmodern periods, and including selected non-western theatrical developments such as Peking Opera, Malaysian, and African forms.

THEA 331 - Feminist Theory and Contemporary Theatre

Fall (3) Wolf (GER 7)
Readings in contemporary feminist theory (psychoanalytic, materialist, Brechtian, and others) as these pertain to the body onstage, character construction, playwriting, and audience reception. Course also investigates feminist performance art, scripts, and revisionings of the dramatic canon. (Cross listed with GSWS 331)

THEA 331W - Feminist Theory and Contemporary Theatre

Fall (3) Wolf (GER 7)
Readings in contemporary feminist theory (psychoanalytic, materialist, Brechtian, and others) as these pertain to the body onstage, character construction, playwriting, and audience reception. Course also investigates feminist performance art, scripts, and revisionings of the dramatic canon. (Cross listed with GSWS 331)

THEA 332 - Sex & Race in Plays & Films: Dramatizing Diversity

Spring (4) Tanglao-Aguas, Staff (College 200, ACTV, ALV, GER 4C, GER 6)
Study of sexuality, gender and race in plays and films dramatizing marginalized communities in the United States and selected countries like France, Iran, Martinique, Mexico, the Philippines, Senegal, and Turkey. Course work includes acting, creative projects, teaching methods, and analytical essays. (This course is anchored in the ALV domain, and also considers aspects of the CSI domain.) (Cross listed with AFST 332, AMES 332, and GSWS 332.)

THEA 333 - South & South East Asian Folklore Performance

Summer or Fall (3-4) Tanglao-Aguas (ACTV, GER 4B, GER 6)
Interdisciplinary journey into the sociocultural history, aesthetics, languages, and performance of ceremony, dance, folklore, oral literature, performance and ritual in South and Southeast Asia. Students will learn to sing, dance, act, and chant in scenes from sacred epics such as the RAMAYANA and MAHABHARATA. Course work includes composing reflections on the creative process and essays on the socio-historic context of the epics and performance traditions. Students receive 4 credits in the fall semester version of the course where students are taught and tested in introductory Bahasa Indonesia. When the course is offered for 3 credits during summer sessions, there is very minimal Bahasa Indonesia language instruction and examination. (Cross listed with AMES 333 or DANC 333)

THEA 334 - History and Performance of Classical Asian Theatres

Spring (3) Tanglao-Aguas, Palmer (ACTV, GER 4B, GER 6)
This is a team taught exploration of the history, theory, and performance of selected theatre genres, dance dramas, and performance traditions indigenous to Asia, with a focused foundation on the theatres of India, Japan, and China. Study commences on the socio-cultural and historical origins of Classical Asian Theatres as they evolve through modern nationhood, colonization, and globalization. Students have the opportunity to experience hands on the fundamentals of performing in selected Asian theatre genres as nearly half of class time is devoted to performance immersion.

THEA 335 - Voice Training and the Actor

Fall (2) Wiley
Students will explore techniques to develop the speaking voice for stage performance, including exercises for release of tension, physical alignment, organic breathing, resonance, and timbre. Students will also study speech sounds through the use of phonetics with the goal of developing clear diction and standardized pronunciations.

THEA 336 - African American Theatre History I

Fall (3) A. Green (GER 4A)
This course will examine African-American dramatic literature and performance from its origins in indigenous African theatre through significant periods that conclude with the Civil Rights Movement. (Cross listed with AFST 336)

THEA 337 - African American Theatre History II

Fall (3) A. Green (GER 4A)
This course will examine African-American dramatic literature and performance beginning with the Black Arts Movement through significant periods that conclude with contemporary manifestations. (Cross listed with AFST 337)

THEA 350 - Introduction to Physical Theatre

Spring (3) Gavaler, Wiley Prerequisite(s): Previous theatre and dance performance course work and permission of the instructors *(ALV)*
Provides students with an opportunity to develop sensitivity, intelligence, and strength through practice in Contact Improvisation and exposure to other physical theatre techniques. Students will learn to use compositional tools, develop physically-inspired characters, and interact with environmental elements through performer-created projects. (Cross listed with DANC 350)

THEA 355 - Theatre Photography

Spring (3) Holliday (ACTV, GER 6)
Theory, history, and techniques of photography as applied to the needs of theatrical production. Emphasis will be placed on close-ups and medium shots in available light, and full stage compositions under theatrical lighting. Students must supply their own digital cameras, which must be able to function in manual mode.

THEA 360 - Musical Theatre Performance

Fall (2) G. Green Prerequisite(s): Instructor Permission
Course work concentrates on performance aspects of standard and more obscure musical theatre repertoire, culminating in a public performance such as the annual William and Mary Theatre Homecoming Gala and/or a musical review or musical entertainment at the end of the semester. This allows students to approach their work with the objective of going outside of the comfort of the classroom and into the public eye, with continued emphasis on acting/singing assimilation. A solid background in singing and acting is encouraged. May be repeated for credit, as repertoire is different each semester

THEA 410 - Theatre and Society in 20th-Century America

Fall or Spring (3) Palmer Prerequisite(s): THEA 200 or THEA 152 or consent of instructor
A lecture-discussion course on the significant theatrical formations of the century, including African-American, feminist and commercial musical comedy theatres, with an emphasis on the changing relations among performances and social-political contexts.

THEA 410W - Theatre and Society in 20th-Century America

Fall or Spring (3) Palmer Prerequisite(s): THEA 200 or THEA 152 or consent of instructor
A lecture-discussion course on the significant theatrical formations of the century, including African-American, feminist and commercial musical comedy theatres, with an emphasis on the changing relations among performances and social-political contexts.

THEA 415 - Shakespeare's Renaissance Theatre

Fall or Spring (3) Wolf
This course is concerned with the drama produced in England by Shakespeare and his major contemporaries. Study will seek to foster an historical and theoretical understanding of developments in the theatre of the period and a critical approach to texts.

THEA 461 - Topics in Theatre History, Theory and Criticism

Fall or Spring (3) Staff Prerequisite(s): THEA 328 and THEA 329 or consent of instructor
Readings, writings and discussion on a focused period of theatre history or on an aspect of Dramatic Theory and Criticism. Area of study will vary each time the course is offered. Course may be repeated for credit

THEA 461W - Topics in Theatre History, Theory and Criticism

Fall or Spring (3) Staff Prerequisite(s): THEA 328 and THEA 329 or consent of instructor
Readings, writings and discussion on a focused period of theatre history or on an aspect of Dramatic Theory and Criticism. Area of study will vary each time the course is offered. Course may be repeated for credit

THEA 481 - Dramatic and Theatrical Theory

Fall or Spring (3) Staff Prerequisite(s): Two courses from THEA 201, THEA 317, THEA 328, and THEA 329, or consent of instructor.
A survey of the major theories of theatre and drama from Aristotle to the present, with an emphasis on the relationship between theory and theatrical performance.

Other Courses

SPCH 411 - Independent Studies

Fall and Spring (1-3) Staff
Independent study on a special problem for the advanced student, arranged on an individual basis with credit according to work done. Course may be repeated for credit.

THEA 300 - Fundamentals of Design for the Theatrical Arts

Fall and Spring (3) Allar Prerequisite(s): THEA 200 or THEA 152 and THEA 205 or permission of instructor *Corequisite(s):* THEA 300L
An introduction to the elements and principles of design and to the methods and materials of visual expression in the theatre.

THEA 302 - Intermediate Acting

Fall and Spring (3) Wiley, staff Prerequisite(s): THEA 201 and THEA 200 or THEA 152
Concentration on the development of performance skills and the use of the dramatic imagination through character studies and preparation of scenes for classroom presentation. Students are urged to allow one semester between acting classes in order to apply theories and training in productions sponsored by the department. An audition may be required for enrollment. Contact department office.

THEA 317 - Fundamentals of Playwriting

Fall or Spring (3) Wolf, Tanglao-Aguas (ACTV, GER 6)
This course is a writing workshop which introduces the student to the fundamentals of the dramatic theory and creative process of playwriting. By the end of the course, students will have composed a one-act play. This course is the prerequisite for THEA 417, Advanced Playwriting.

THEA 380 - Practicum in Theatre

Fall and Spring (1) Gavaler Prerequisite(s): THEA 206 for makeup assignments, THEA 300 for assistant design assignments, THEA 201 for acting assignments, THEA 203 for scene painting assignments, THEA 205 for technical production assignments, THEA 307 for costume patterning and construction, THEA 213 for lighting, THEA 320 for theatre administration, and THEA 328 or THEA 329 for dramaturgy assignments. Substantive participation in a major production sponsored by the department and supervised by faculty. The objective is to apply theoretical knowledge to practical in-depth experience. The course may be repeated twice for credit, but work must be in different production areas each time. Permission of the supervising faculty member is required.

THEA 381 - Intermediate Practicum in Theatre

Fall or Spring (1-2) Gavaler Prerequisite(s): THEA 380 in the same production area. More intensive work in an area of production where a THEA 380 course has been completed.
The course may be repeated twice for credit, but work must be in different production areas each time. Permission of the supervising faculty member is required.

THEA 401 - Advanced Acting

Spring (3) Wiley Prerequisite(s): THEA 302
Through research and the preparation of scenes, students will develop techniques for acting in period and nonrealistic plays. Students are urged to allow one semester between acting classes in order to apply theories and training in productions sponsored by the department. An audition might be required for enrollment. Note: Details available in the departmental office.

THEA 407 - Direction

Fall and Spring (3) Owens Prerequisite(s): THEA 152 or THEA 200, THEA 201, THEA 328 or THEA 329, and permission of instructor
Study and practice in the principles of play analysis, play selection, casting, rehearsal techniques and performance. Special emphasis is placed upon the direction of a one-act play for a studio theatre production.

THEA 411 - Independent Studies in Theatre

Fall and Spring (1-3) Gavaler
Independent study on a special problem for the advanced student, arranged on an individual basis with credit according to work done. Course may be repeated for credit

THEA 417 - Advanced Playwriting

Fall or Spring (3) Tanglao-Aguas, Wolf Prerequisite(s): THEA 317, consent of instructor
Advanced study of form and content in dramatic writing, accomplished by readings of dramatic theories and plays from diverse genres and media. Students will have composed a full-length script by the end of the course.

THEA 460 - Topics in Theatre Production and Performance

Fall or Spring (1-3) Staff
Readings, writings, discussions, and practice in an area of theatrical production or performance. Area of study will vary each time the course is offered. Course may be repeated for credit

THEA 479 - Performance Seminar

(1-3) G. Green Prerequisite(s): THEA 200 or THEA 152W and THEA 201 and THEA 302, or THEA 200 or THEA 152W and THEA 201 and THEA 407, or consent of instructor
A more advanced course for the student who is primarily interested in musical theatre performance. Fall semester classes concentrate on a performance for the William and Mary Theatre Homecoming Gala, and a public workshop production of a chamber-sized contemporary musical theatre piece with full orchestra each Spring semester. Students have the opportunity to build fully developed characters through a full length performance piece and continue assimilating song as the extension of dialogue. May be repeated for credit, as repertoire is different each semester

THEA 480 - Advanced Practicum in Theatre

Fall and Spring (2) Gavaler
Students will undertake a major responsibility such as designing scenery, lighting, or costumes, stage managing, serving as assistant director, or acting in a substantive role in a production sponsored by the department and supervised by the faculty. Note: See the department office for details. Course may be repeated for credit

THEA 495 - Honors in Theatre

Fall or Spring (3) Staff
Eligible theatre majors a) submit an application for admission to the program in their junior year, b) write an Honors thesis by April 15 of their senior year detailing their scholarly investigation of a selected subject or presenting their ideas on a creative project and c) take a comprehensive oral examination. Consult the chair for eligibility, admission and continuance requirements.

THEA 496 - Honors in Theatre

Fall or Spring (3) Staff
Eligible theatre majors a) submit an application for admission to the program in their junior year, b) write an Honors thesis by April 15 of their senior year detailing their scholarly investigation of a selected subject or presenting their ideas on a creative project and c) take a comprehensive oral examination. Consult the chair for eligibility, admission and continuance requirements.

THEA 498 - Theatre Internship

Fall or Spring (3) Staff
Qualified students with appropriate course work, usually after their junior year, may receive credit for a structured learning experience in a professional-quality theatre which provides an opportunity to apply and to expand knowledge under expert supervision. This internship must be approved in advance by the theatre faculty; monitored and evaluated by a faculty member. Guidelines available in the department office. Course may be repeated for credit

University of St Andrews Joint Degree Programme [Back to Table of Contents]

The Joint Degree Programme between the College of William & Mary and the University of St Andrews is one of the few of its kind in the world. Students complete two years at each institution and earn a single diploma-a Bachelor of Arts (International Honours) - with the insignias of both institutions. The requirements and restrictions unique to the Joint Programme are spelled out here; otherwise, Joint Programme students have access to the services and are governed by the policies spelled out in the front of this Catalog.

Mission. The Joint Programme melds the best aspects of two academic traditions, while offering to students a greater range of academic choices and the opportunity to acquire direct knowledge of two distinct intellectual and national cultures. Existing degree programs in each institution are designed according to contrasting principles: William & Mary offers a broad Liberal Arts education with a majority of study hours devoted to subjects outside the Major; St Andrews offers less breadth in a degree

characterized by increasing depth in a single discipline. The aim of the curricula in each of the four disciplines will be to offer more breadth than a traditional St Andrews degree as well as more specialization than is usual at William & Mary.

Programs. The four participating disciplines at William & Mary have identified significant complementarities with St Andrews. By effectively pooling faculty and courses in Economics, English, History, and International Relations, the two institutions can offer students a broad range of new academic options unavailable at either institution alone or on traditional study abroad programs. Individual program requirements and William & Mary course offerings are explained below.

Admission to the Joint Programme

Students apply to the Joint Programme through either William & Mary or St Andrews; they may not apply to the Joint Programme through both institutions. Students apply simultaneously for general admission to William & Mary and for specific admission to the Joint Programme. Applications are due by January 1.

Students may apply early decision to William & Mary, but there is no early admission application to the Joint Degree Programme. Early decision applicants who would also like to be considered for admission to the Joint Degree Programme may submit the Supplement, but the decision for the Joint Degree Programme will not be made until April. Any applicant who accepts an early decision offer will be committed to William & Mary, but may still enroll later in the Joint Degree Programme if admitted.

Because students must spend two full years at each institution and because of the continuance standards specified below, transfer credits from other universities will not be accepted, nor will credits from IB, AP, etc. (but see below). There can be no concurrent courses, admission during senior year of high school, FlexTrack, or admission as a non-degree seeking student.

The institution to which the student is admitted is the home institution and the one at which the student will spend year one; the other institution is the host institution and the one at which the student will spend year two. Students' interests and courses of study will determine at which institution they spend years three and four, but they must spend one of those years at each institution.

Transfer from William & Mary into the Joint Programme: First-year students at William & Mary may apply to transfer into the Joint Programme no later than March 1st of Spring semester. Students applying for a first-year transfer will have to demonstrate that they are on track to complete 30 credit hours at William & Mary (not counting AP, IB, transfer, etc.) before they begin their second year at St Andrews; and they must consult with the appropriate major advisor about enrolling in the appropriate first-year courses in the major during both semesters.

William & Mary students who apply to the Joint Programme after their first year will be admitted only under extraordinary circumstances and with the consent of both the College and St Andrews; such students will still have to complete two years each at William & Mary and St Andrews, and so will very likely require five years to complete their requirements. Students transferring from William & Mary into the Joint Programme may have to pay an additional entrance fee.

Transfer from the Joint Programme into William & Mary or St Andrews:

- Students admitted into the Joint Programme through William & Mary (i.e., whose "home" institution is William & Mary) may, at their request, become regular degree-seeking students at the College provided they meet the normal requirements for continuance.
- Students admitted through William & Mary who wish to become regular degree-seeking students at St Andrews must petition to transfer, and may be required to apply via St Andrews' normal admissions process.
- All transfers of W&M home students from the Joint Programme to either William & Mary or St Andrews become effective at the beginning of the semester after the student receives permission or admission to transfer.
- Students admitted through St Andrews who wish to become regular degree-seeking students at William & Mary must apply for transfer admission to William & Mary and should be aware of the following guidelines:

1. Students are strongly recommended to transfer after their second year in the Joint Degree Programme (i.e. after the first year at William & Mary) so that they may transfer to William & Mary as academic juniors. Transferring at this time will ensure that students are able to meet William & Mary's minimum 60 credit hour residency requirement without extending their time to graduation. Please note that coursework taken at William & Mary as part of the Joint Degree Programme does not count towards the minimum 60 credit hour residency requirement for St. Andrews home students. For this reason, St Andrews home students who transfer to William & Mary may have to complete an additional year at the College
2. Students should meet with the Director of Transfer Admission in Undergraduate Admission to discuss their transfer plans. This meeting can be scheduled prior to applying to transfer or after the application is submitted.
3. In order for St. Andrews home students to be competitive in William & Mary's transfer applicant pool, it is recommended that students have a minimum cumulative program GPA of 3.0.

Readmission: Students whose home institution is William & Mary, who are in good standing in the Programme per the continuance standards below, but who have not been in attendance for one or more semesters must submit an application for readmission to the Office of the Dean of Students. Normal deadlines apply; however, readmission is contingent upon discussion with and the recommendation of the Academic Director and the consent of both institutions.

Summer School: Joint Programme students may take summer school courses for credit *only* at William & Mary (including W&M Summer Study Abroad).

Student Financial Aid. Financial aid for Joint Programme students is administered in the same way as it is for regular W&M students. In most cases, we are able to meet the full need of Virginia students. The maximum grant for nonresident students is capped at one-quarter of the full cost of education.

Tuition and Other Expenses. The fee for the Joint Degree Programme is $39,650 for the academic year 2016-17, to be charged at $19,825 each semester. This amount covers tuition and fees with the exception of the following:

Residence Hall fees and room damage deposit
Meal Plan fees
Orientation fee(s)
Special instructional fees (music, labs, art, activity courses)
Books and printing fees
Fines, returned check, and other penalty fees
Parking
Transportation
Summer School tuition
Personal Expenses

Because of the nature of this Joint Programme, there is no tuition differential based on domicile (for example, there is no in-state tuition rate for Virginia residents). Detailed information on these fees and other tuition policies can be found in the "Tuition and Other Expenses" chapter of this catalog or on the Bursar's Office website.

Academic Regulations

Academic Advising. Students whose home institution is William & Mary (and host students once they arrive at William & Mary) will be assigned to the Joint Programme advisor in their major; the individual program's designated major advisor will advise the student during both years in residence at the College and, via email, when the student is at St Andrews. First-year students are required to attend three advising meetings during each registration period and before they will be permitted to register. Second-year students (i.e., those for whom William & Mary is the host institution) are also required to attend three advising meetings: one when they arrive, one before they register for their second semester, and one at the start of the second semester to determine where they will spend their third and fourth years. Students must also meet with their major advisor at the start of the academic year in which they return to William & Mary, and, if they return for their third year, again before they register for their second semester and before they register for their fourth year. These are minimal requirements; students are encouraged to meet regularly with their Joint Programme major advisor when they are in residence and to communicate via email when they are at St Andrews.

Academic Records, Confidentiality and Privacy. Joint Programme students sign a release at the time of matriculation that allows William & Mary and St Andrews to share student record information. The federal laws and university policies explained in the "Academic Records, Confidentiality and Privacy" section of the "Academic Regulations" chapter at the beginning of this catalog apply to all Joint Programme students while in residence at William & Mary.

Classification of Students. In the Joint Programme, academic classifications are as follows:

First-year: 0-30 credits earned (0-120 St Andrews credits)
Second-year: 31-60 credits earned (124-240 St Andrews credits)
Third-year: 61-90 credits earned (244-360 St Andrews credits)
Fourth-year: more than 91 credits earned (364 St Andrews credits)

Enrollment Statuses. All Joint Programme students must maintain full-time status, with the extraordinary exception of a student forced to take a medical underload (see below). "Full time" at William & Mary is defined as a minimum of 12 credits per semester. "Full-time" at St Andrews is in most cases 60 credits (15 W&M credits) per semester. While at William and Mary, Joint Programme students are permitted to take as few as 12 credits per semester, but only in consultation with their Advisor, as Joint Programme students must have earned 60 W&M credits (240 St Andrews credits) by the end of their second-year Spring semester.

In exceptional circumstances, a student may petition for a medical underload; such petitions will also require the approval of the Program Advisor and the consent of both institutions. Because underloads might make it difficult to meet continuance standards, only underloads for medical reasons will be possible in the Joint Programme.

Withdrawal or Medical Withdrawal (or Leave) from the Programme is possible consistent with the procedures at the institution in which the student is in residence (students in residence at W&M can find those procedures under "Registration and Withdrawal" in this Catalog). The student shall, if at all possible, first discuss the withdrawal with the programme advisors and should be aware that withdrawal might make it difficult to meet continuance standards. Students awarded withdrawal or leave can only be readmitted/reinstated to the institution where the student plans to recommence studies in the Joint Programme, per that institution's requirements; only then may readmission/reinstatement to the Joint Programme be granted per agreement of both institutions.

System of Grading

W&M to St Andrews			
William & Mary Letter Grade	Quality Points (W&M)	St Andrews Numeric Grade	Meaning
A	4.0	19.5	Excellent
A	4.0	18.5	
A	4.0	17.5	
A	4.0	16.5	
A-	3.7	15	
B+	3.3	14	
B	3.0	13	Good
B-	2.7	12	
C+	2.3	11.5	
C	2.0	10.5	Satisfactory
C-	1.7	9	
D+	1.3	8	Minimal Pass
D	1.0	7.5	
D-	0.7	7	
F	0.0	0	Fail
W		Not transcripted	Withdraw
WM		Not transcripted	Medical Withdrawal
G		G	Deferred Grade
I		D	Incomplete

St Andrews to W&M			
St Andrews Numeric Grade	William & Mary Letter Grade	Quality Points (W&M)	Meaning
15.5 to 20	A	4.0	Excellent
14.5 to 15.4	A-	3.7	

13.9 to 14.4	B+	3.3	
13.1 to 13.8	B	3.0	Good
12.3 to 13.0	B-	2.7	
11.0 to 12.2	C+	2.3	
10.5 to 10.9	C	2.0	Satisfactory
9.0 to 10.4	C-	1.7	
8.0 to 8.9	D+	1.3	Minimal Pass
7.5 to 7.9	D	1.0	
7.0 to 7.4	D-	0.7	
0 to 6.9	F	0.0	Fail
G	G		Deferred Grade
D	I		Incomplete
V	W or WM	0.0	"Vacat"

Repeated courses: Any course in which a student receives an "F" or a "W" or a "V" may be repeated for a grade (grades of "W" are given only at W&M); however, students should be aware that these grades will make it very difficult to meet continuance standards.

Incomplete Grades: Grades of "Incomplete" (or "D" at St Andrews) require the approval of the instructor; students must complete outstanding essential coursework while they are still in residence at the institution at which they took the course.

Pass/Fail and Audit: Although Joint Programme students may elect to audit a William and Mary course or to take one Pass/Fail, such courses will not count toward credits for the Joint Degree.

Continuance Standards

The following are the recommended standards for continuance for Joint Programme students:

Semester	Cumulative GPA (in W&M terms)	Cumulative Credits
1	1.7	12*
2	1.7	24*
3	1.85	45 (180 St Andrews)
4	2.0 **	60 (240 St Andrews)**
5	2.0	72*
6	2.0***	90 (360 St Andrews)
7	2.0	102* (408 St Andrews)
8	2.0	120 (480 St Andrews)

*Normally, students may take below 15 credits per semester *only* when they are in residence at William & Mary and when they have devised a plan with their advisor to make up the credits before beginning the next academic year. Students in residence at St. Andrews are expected to complete 120 (30) credits each year (but see Appeal to Progression to the Third Year below).

**By the end of their fourth semester, students must have accumulated 60 (240) credits, must have passed with a D (7) or better, on their first attempt, all courses in their major subject or required for the major, and earned an average of a C+ (or an 11 at St Andrews) on their first attempt in the following 2nd year courses (Honours Entry courses at St Andrews and their WM equivalents:

Economics. At W&M, in both ECON 303 and ECON 304; at StA, in both EC2001 and 2002;

English. At W&M, in ENGL 203 and ENGL 250; at StA, in both EN2003 & 2004;

History. At W&M, in two History classes, at least one of which should be at 300-level; at StA, in two 2000-level modules with HI-, ME- or MO-prefixes.

International Relations. At W&M, in two of GOVT 303, GOVT 304, GOVT 305 or GOVT 327; and in one of GOVT 324, GOVT 325, or GOVT 328; at St A, in both IR2005 & 2006.

***In order to pursue an Honors thesis at William and Mary, students must have an overall GPA of 3.0 (an average of 14 at St Andrews) by the beginning of their seventh semester, or a GPA of 3.0 (average 14) for their third year.

Continuance Standard for Cumulative GPA (WM): Joint Programme students who do not meet the minimum continuance standards for the regular track at William & Mary at the end of the academic year, regardless of whether they are home or host students, will be placed on academic probation; the general policy will apply *except* 1) that no official action* (i.e., the notification that the student is on probation or has been suspended) will be taken until the end of the academic year; and 2) that Joint Programme students will have the academic year after they have been put on probation to achieve the minimum Continuance standard. Students in residence at W&M who have not met the continuance standards for the regular track at the end of a *semester* will be required to participate in the Academic Intervention Program.

*Nevertheless, students in residence whose performance at the end of the semester falls below the continuance standards listed above will receive a letter from their academic director and will be required to meet with the major advisor to discuss strategies and services available.

Students on probation who do not meet the continuance standards by the end of the academic year will be suspended from William & Mary and asked to leave the Joint Programme; if they are home students, they may apply for reinstatement to William & Mary but they may not be reinstated into the Joint Programme. See policies for "Continuance" and "Reinstatement" at the front of this *Catalog.*

Continuance Standard, Successful Completion of Studies: If, at the end of the add-drop period in any given semester at William & Mary, a student has dropped or failed to enroll in (a) prerequisite(s) necessary for that student to continue in his or her program, or in the final semester a course required to graduate, that student may be administratively dropped from the Joint Programme.

If, at the end of any given semester, a student's performance makes continuance in the Joint Programme impossible (for example, because the student lacks the prerequisites to advance, or fails in the final semester a course required to graduate), that student may be administratively dropped from the Joint Programme.

(An exception may be made if the student plans to attend summer school and has a note from the major advisor agreeing to the plan and assuring that the necessary courses will be offered, OR if the student receives an exemption per the procedures in " Exemptions from Degrees" below.)

Continuance Standards, progression, Years 1 and 2: During the first two ("sub-honours") years, students are expected to carry at least 30 WM/120 StA hours per year. Of those, 25 WM/100 StA hours must be earned at each institution. The remaining 10 WM/40 StA hours may be taken at either institution, *including* William & Mary summer school or summer study abroad. Courses chosen in Year 2 should show progression: students studying at St. Andrews in Year 2 will typically take at least 80 (StA) credits at the 2000 level, and students studying at William & Mary will typically take at least 20 (W&M) credits at or above the 200 level.

Continuance Standards, progression, Years 3 and 4 (Honours):

Admission to Honours: Students who fail to achieve the specific standards for progression to the third year may be asked to leave the Joint Programme (see below); however, students whose home institution is William & Mary may continue in the regular track provided they meet the Continuance Standards for cumulative GPA. Students who have not met the continuance standards for progression to the third year but who wish to continue in the Joint Programme may appeal to both the Pro-Dean at St Andrews and the W&M Joint Programme Committee. The appeal must be submitted as soon as the grades are published at the end of the fourth semester. In order for the appeal to be considered,

Students must have earned 30/120 credits in year 1 and at least 23/90 credits in year 2;

William & Mary home students must have received grades averaging 10 in their Honours entry courses at St Andrews; St Andrews home students must have received grades averaging "C" (2.0) in the corresponding courses at William & Mary.

The respective authorities at both institutions will decide together whether the student will be permitted to continue on probation. If permitted, the student must have earned 90/360 credits by the end of the 3rd year, and must earn grades of at least 13.5 in two 3000- or 4000-level modules in their major subject (if year 3 is spent at St Andrews) or a grade of B in at least two 300- or 400-level courses in their major subject (if year 3 is spent at William & Mary). Students who do not meet these conditions of probation will be asked to leave the Joint Programme.

Progression in Years 3 and 4: Students must earn 60 (WM)/240 (StA) credits, at least 45 (WM)/180 (StA) in Honours courses - that is, courses in the major at the 300(0) - 400(0) level. Students must take 30/120 credits at each university. Of the total 60/240, 23/90 should be at the 4000-level at St. Andrews, or at the equivalent level at W&M. Normally, no more than 7.5/30 credits below the 300-level may be taken in a single Honours year.

With the approval of their Program / major advisors at both institutions, students may apply up to six (6) 300- or 400-level credits taken at W&M during the summers before Years 3 and 4 toward the total required Honours credits.

Continuation for International Students. Any student in the Joint Degree Programme will be an international student at one, if not at both, institutions. Students should be aware of the requirements for the university's continued sponsorship of their visas, which may include attendance, prompt payment of fees, etc. See https://www.wm.edu/offices/revescenter/issp/visasandimmigration/index.php for requirements at W&M, and http://www.st-andrews.ac.uk/international/information/tier4students-oursharedresponsibilities/ for requirements at St Andrews.

Religious Accommodations Guidelines. The College's Guidelines apply to all Joint Programme students in residence. St Andrews does not have these same guidelines: students in residence at St Andrews need to notify their instructors as soon as they discover any conflict between religious observances and required academic activities; students have the responsibility to arrange course schedules to minimize conflicts.

Requirements for Degrees

The undergraduate degree of Bachelor of Arts (International Honours), or BA (IH), combines the breadth and flexibility of a liberal arts degree with a four-year program of in-depth study in one of four disciplines: Economics, English, History, or International Relations. The Joint Degree Programme requires students to plan carefully with their major advisors a course of study suited to their particular needs and interests.

All Joint Degree Programme students will take a common reading-, writing-, and discussion-intensive seminar (the Joint Programme Seminar) during their first year of residence at William and Mary. This seminar satisfies the College's freshman seminar and writing proficiency requirements. The goal of the seminar is 1) to initiate students into the culture of critical thinking and independent inquiry, 2) to foster interest in liberal education via the seminar's interdisciplinary approach, and 3) to introduce students to their cohort in the Joint Programme.

The College of William & Mary has identified a series of knowledge-, skills-, and values-objectives critical to a liberal arts education; students in the Joint Programme will work with their advisors to choose courses offered at both institutions that satisfy these objectives. And Joint Programme students will pursue in depth a major in one of the four disciplines, with opportunity for both independent study and Honors.

The Faculty of Arts & Sciences at the College of William & Mary and the Faculties of the respective Schools at St Andrews determine the degree requirements for the BA (IH), including the regulations for continuance in the Joint Programme. Therefore, the "Requirements for Degrees" section that appears earlier in this catalog has been modified for this Programme.

Test and Transfer Credit

Students in the Joint Programme may not apply credit from College Board Advanced Placement or International Baccalaureate examinations, etc. toward the Joint Degree. However, exam scores may count toward course exemptions and satisfaction of learning objectives for breadth as outlined at the front of this catalog.

No transfer credit may be applied toward the Joint Degree, and there is no credit by examination.

No credits earned before a student matriculates, even those earned at W&M, may be used toward the Joint Degree requirements.

Summer School and Study Away

Joint Programme students may apply summer school courses taken at William & Mary (including W&M summer Study Abroad), toward the BA(IH), as long as 1) the student has earned 60 W&M (240 St Andrews) credits by the end of the Spring semester of their second year, and-except in unusual circumstances -120 W&M (480 St Andrews) credits by the end of the Spring semester of their fourth year; and 2) the student spends two complete academic years in residence at each institution. No other study away may be counted toward the Joint Degree.

Requirements for the Baccalaureate Degree, International Honours

General Requirements. 120 W&M credit hours (equivalent to 480 St Andrews credit hours) are required for graduation and a minimum GPA of 2.0 (10.5 St Andrews). William and Mary home students must complete at least 61 W&M credit hours in residence at W&M. Students are expected to complete the Joint Degree in four years of full-time study; only in exceptional circumstances (such as medical withdrawal) may the time to degree be extended.

The 72-hour rule does not apply to students in the Joint Degree Programme.

Credit Hour Limitations in Applied Music, Military Science, Physical Activities, Statistics, and Theatre/Speech/Dance.

Joint Programme students may not apply credits from courses taken in Applied Music, Military Science, Physical Activities, and Theatre/Speech/Dance toward the Joint Degree, with the following exceptions from Theatre/Speech/Dance, which may be applied to the Joint Degree: THEA 150, THEA 200, THEA 328/THEA 328W, THEA 329/THEA 329W, THEA 331/THEA 331W, THEA 332, THEA 333, THEA 222, THEA 410/THEA 410W, THEA 461/THEA 461W, THEA 481; DANC 220, DANC 230, DANC 333 ; and SPCH 311 and SPCH 410.

Joint Programme students may count only two introductory statistics courses from either institution toward the Joint Degree.

Joint Programme students may apply 3 credits of internship toward the degree.

Exemption from degree requirements: Requests for exemption from any Joint Programme degree requirements must be presented to and approved by the student's major advisor, and must be supported by documentation (for example, by a letter from a physician). Requests will go to the Committee on Degrees at William and Mary and must also be approved by the relevant administrators at St Andrews.

Course Specific Requirements

Joint Programme students are required to complete the College's foreign language, writing, and major computing proficiencies and a first-year seminar (the writing and major computing proficiencies and the first-year seminar are built into the Joint Degree structure). All William & Mary home students will also take, in the Spring semester of their first year, a 1-credit course that will prepare them for their first year abroad. (This course is not required for St. Andrews home students, although they may take it if they wish).

Joint Programme students will work with their major advisors to choose courses that satisfy the knowledge objectives that underlie the College's existing general education requirements.

Knowledge objectives:

An understanding of the world of nature;
An understanding of individual and social behavior;
A general historical knowledge of Western civilization;
An acquaintance with a non-Western cultural tradition;
A general knowledge of masterworks, genres and movements in art, music, and literature;
A general knowledge of major philosophical and religious systems.

Skills objectives:

Critical thinking skills;
Verbal skills;
Quantitative skills;
Scientific skills;
Aesthetic skills;
Historical inquiry skills;
Language skills (i.e., proficiency in a foreign language);
Information acquisition skills;
Computer literacy skills.

Values objectives:

Intellectual values;
Social and civic values;
Personal values.

The Major. Unlike William & Mary undergraduates, who are admitted in an "undeclared" status, BAIH Joint Programme students are admitted to one of the four programs, the specifications for which appear at the end of this section. In Year 2, Joint Programme students must complete at least 80 credits at the 2000-level at St. Andrews, or at least 20 credits at the 200-level or above at W&M. In Years 3 & 4, Joint Programme students must complete the equivalent of 45 W&M/180 StA credits in upper division courses (300-400 or 3000-4000) counting toward their major. This means that typically students must take at least 5 upper-division courses in courses counting toward their major at W&M.

A Joint Programme student who wishes to change majors may petition to do so through the major advisor in the prospective department. Such changes are difficult, but when the student has taken the appropriate courses and space permits, the petition maybe granted.

Double majors are not possible in the Joint Programme.

Joint Programme students may earn one W&M minor provided they declare the minor through appropriate procedures and successfully complete the requirements as defined by the Catalog and by the department or program.

Honors and Special Programs

Departmental Honors Projects are available in the individual programs and are governed by the stipulations in the "Requirements for Degrees" section found earlier in this catalog.

Graduation (Latin) Honors will be calculated for Joint Programme students as described in the "Requirements for Degrees" section and will be reflected on the transcript at both institutions.

Degree Class (I, IIi, IIii, or III) will be determined for Joint Programme students by the University of St. Andrews and reflected on the transcript at both institutions.

The Joint Degree Programs

Economics, BA (International Honours)

The Joint Degree Program in Economics

Economics majors accepted into the joint degree program will benefit from the integration of the breadth offered by a William & Mary liberal arts education and the depth and progression offered from a St Andrews degree. In addition, majors will benefit from the complementary strengths of the two departments. While both economic departments have strengths in applied economic theory, the Economics Department at St Andrews has particular strengths in the areas of dynamic macroeconomics, finance, household economics, competition and innovation and climate change. St Andrews also supports two research centers - the Centre for Dynamic Macroeconomic Analysis and the Centre for Research in Industry, Enterprise, Finance and the Firm. The Department of Economics at William & Mary has particular strengths in the area of health, experimental and international economics. In addition, William & Mary economics faculty are highly visible members of The Schroeder Center for Health Policy, the Thomas Jefferson Program in Public Policy, and the Reves Center for International Studies.

Individuals enrolling in the economics degree will take the following program.

Requirements for the Joint Degree Program in Economics

Note: ECON is the prefix for Economics courses at W&M; EC is the prefix for Economics courses at St Andrews.

Required Credit Hours:

54 ECON credits (at least 21 of which are completed at William & Mary); at least 45 W&M / 180 StA credits must be completed in upper division courses in Years 3 and 4.

Major Computing Requirement:

- ECON 307 - Principles and Methods of Statistics *(3)* or
- EC2203

Major Writing Requirement:

- ECON 308 - Econometrics *(3)* or
- EC3301

Core Requirements:

All majors in the joint program are required to take the following:

First Year

- ECON 101 - Principles of Microeconomics *(3)* OR
- EC1002

- ECON 102 - Principles of Macroeconomics *(3)* OR

- EC1001

- EC 1003 (for St Andrews home students; students may not take both EC 1003 and ECON 331)

Second Year

- ECON 303 - Intermediate Microeconomic Theory *(3)* OR
- EC2001

- ECON 304 - Intermediate Macroeconomic Theory *(3)* OR
- EC2002

- ECON 307 - Principles and Methods of Statistics *(3)* OR
- EC2203

- EC 1003 (for W&M home students; students may not take both EC 1003 and ECON 331).

- To advance to Honours study, students must average a C+ (11) on the first attempt in ECON 303 and 304, or in EC 2001 and 2002, and must pass on the first attempt ECON 307 or EC 2203 and EC 1003.

Third Year

- ECON 308 - Econometrics *(3)* OR
- EC3301

- At W&M, at least an additional 12 credits in Economics elective courses (and see below*), or
- At St Andrews, normally another 100 credits in EC electives (and see below*).

Fourth Year

- ECON 490 - Independent Study in Economics *(1-4)* or
- ECON 495 - Honors *(3)* and
- ECON 496 - Honors *(3)*

  or

- EC 4499 - Dissertation (St Andrews)

- At W&M, at least an additional 9-12 credits in Economics elective courses (and see below*); or
- At St Andrews, normally another 80 credits in EC electives (and see below*).

*Economics Electives

*Students must complete at least 45 W&M / 180 St Andrews credits in years 3 & 4 and are strongly advised (particularly in year 3) to take at least 9 W&M credits, or 40 St Andrews credits, from among the courses listed below.

Please note that throughout, "OR" signifies anti-requisites; e.g., students may not earn credit for both EC 2001 and ECON 303, nor for both ECON 410 and EC 3302.

- ECON 410 - Game Theory *(3)* OR EC3302

- ECON 484 - Economics of Growth *(3)* OR EC3303
- ECON 403 - Advanced Microeconomic Theory: Incentives *(3)* OR EC3305
- ECON 420 - Economics of Information *(3)* OR EC3305
- ECON 411 - Advanced Macroeconomic *(3)* OR EC3306
- ECON 407 - Cross Section Econometrics *(3)* OR EC4401
- ECON 408 - Time-Series Econometrics *(3)* OR EC4401
- EC3304

English, BA (International Honours)

The Joint Degree Program in English

The Joint Degree Program in English Language and Literature allows students to gain from both the St Andrews in-depth and progressive approach to the study of English and the more broad-based and interdisciplinary William & Mary approach. The combined degree program in English provides distinctive opportunities for the development of writing skills, increased sensitivity to language, awareness of the aesthetic and intellectual enjoyments of literature, and an understanding of the cultural values reflected in literature. Students will be exposed to a range of historical periods and critical approaches to literature. They can also take creative writing classes. The program serves students who are seeking to teach; students who are preparing for graduate study in English; students who desire a rich intellectual and aesthetic experience in advance of professional study in fields such as law, medicine and business; and students who choose English simply because they enjoy the disciplined study of literature and language. All English majors in the joint program have the opportunity to work on an independent research project as part of their degree, either by writing a dissertation at St Andrews or by taking a senior research seminar at William & Mary. A student who chooses to spend Year 4 at William & Mary may qualify to work on a senior honors project either in literature or creative writing.

Requirements for the Joint Degree Program in English

Note: ENGL is the prefix for English courses at W&M; EN is the prefix for English courses at St Andrews

Required Credit Hours:

61 credits toward the major, at least 21 of which are completed at William & Mary. At least 45 W&M / 180 StA credits must be completed in upper division courses in Years 3 and 4.

Additionally, to proceed to Year 3, students need a cumulative average of 11 (C+) or better in EN2003 and EN2004, or in ENGL 203 and ENGL 250.

Major Computing Requirement:

For classes of 2017, 2018, and 2019 only: ENGL 475 or ENGL 495 / ENGL 496 at W&M or the dissertation module (EN4399) at St Andrews

Major Writing Requirement:

A student who satisfies all requirements for the English major will also satisfy the Major Writing Requirement.

Core requirements:

All majors in the joint program are required to take the following:

First Year

- ENGL 250 - Interpreting Literature *(3)*

  and

- ENGL 204 - British Literature II *(3)* at W&M; or
- EN1003 (Ghosts and Doubles) and
- EN1004 (Explorers and Revolutionaries 1680-1830) at St Andrews

Second Year

- ENGL 250 - Interpreting Literature *(3)*

  and

- ENGL 203 - British Literature I *(3)* at W&M; or
- EN2003 (Mediaeval and Renaissance Texts) and
- EN2004 (Drama: Reading and Performance) at St Andrews

One Course or Module in American Literature:

- ENGL 207 - American Literature: Themes and Issues *(3)*
- ENGL 361 - American Literature to 1836 *(3)*
- ENGL 362 - The American Renaissance *(3)*
- ENGL 363 - American Literature, 1865-1920 *(3)*
- ENGL 364 - American Literature, 1912-1960's *(3)*
- ENGL 365 - Early Black American Literature *(3)*
- ENGL 366 - Modern Black American Literature *(3)*
- ENGL 371 - Topics in American Literature *(3)*
- ENGL 414A - Major African American Women Writers *(3)*
- ENGL 417B - Harlem in Vogue *(3)*

  or

- EN3210 (St Andrews)
- EN4409 (St Andrews)
- EN4418 (St Andrews)
- EN4419 (St Andrews)

One Course in a Single Author or Auteur:

- ENGL 419 - Study of a Single Author or Auteur *(3)*
- ENGL 420 - Chaucer *(3)*
- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*
- ENGL 426 - Milton *(3)*

  or

- EN4347 (St Andrews)
- EN4366 (St Andrews)
- EN4414 (St Andrews)
- EN4415 (St Andrews)
- EN4416 (St Andrews)
- EN4421 (St Andrews)

One Course Each in Upper-Level/Honours:

Courses in two of the three period groups a.) Medieval, b.) Renaissance, and c.) 18th-19th century (for a total of two courses); this requirement may be covered as follows at W&M/St Andrews:

Medieval

- ENGL 315 - Beowulf *(3)*
- ENGL 316 - Arthurian Literature *(3)*
- ENGL 322 - Medieval Literature *(3)*

  or

- EN3111 (St Andrews)
- EN3112 (St Andrews)
- EN3113 (St Andrews)
- EN4311 (St Andrews)
- EN4312 (St Andrews)
- EN4314 (St Andrews)
- EN4315 (St Andrews)
- EN4316 (St Andrews)

Renaissance

- ENGL 323 - The English Renaissance *(3)*
- ENGL 324 - The Early Seventeenth Century *(3)*
- ENGL 325 - English Renaissance Drama *(3)*

  or

- EN3141 (St Andrews)
- EN3142 (St Andrews)
- EN3143 (St Andrews)
- EN4341 (St Andrews)
- EN4342 (St Andrews)
- EN4343 (St Andrews)
- EN4344 (St Andrews)
- EN4345 (St Andrews)
- EN4346 (St Andrews)
- EN4347 (St Andrews)
- EN4348 (St Andrews)

18th-19th Century

- ENGL 331 - English Literature, 1660-1744 *(3)*
- ENGL 332 - English Literature, 1744-1798 *(3)*
- ENGL 333 - The Novel to 1832 *(3)*
- ENGL 341 - The English Romantic Period *(3)*

- ENGL 342 - The Victorian Age *(3)*
- ENGL 343 - English Novel, 1832-1900 *(3)*

  or
- EN3161 (St Andrews)
- EN3162 (St Andrews)
- EN3163 (St Andrews)
- EN3164 (St Andrews)
- EN3165 (St Andrews)
- EN3166 (St Andrews)
- EN4361 (St Andrews)
- EN4362 (St Andrews)
- EN4363 (St Andrews)
- EN4364 (St Andrews)
- EN4365 (St Andrews)
- EN4367 (St Andrews)
- EN4368 (St Andrews)
- EN4369 (St Andrews)

One Course on Constructions of Race

Courses in literature and expressive culture by people of color and those that take race as a central conceptual category for critical examination can be counted toward this requirement. This requirement may be satisfied in combination with one of the courses that satisfy the American literature, single author/auteur, or period groups requirements above.

Courses typically satisfying this requirement are listed below, but other courses may satisfy on a one-time basis when content is appropriate.

- ENGL 365 - Early Black American Literature *(3)*
- ENGL 366 - Modern Black American Literature *(3)*
- ENGL 414A - Major African American Women Writers *(3)*
- ENGL 417 - Topics in Race, Ethnicity, and Nationality *(3)*
- ENGL 417A - Literature of the Americas *(3)*
- ENGL 417B - Harlem in Vogue *(3)*

  OR

  EN3213 (St Andrews)

  EN4424 (St Andrews)

One Dissertation Module:

- ENGL 475 - Research Seminar in English *(4)* or
- ENGL 495 - Honors *(3)* and
- ENGL 496 - Honors. *(3)*

  OR

  EN 4399 (St Andrews)

History, BA (International Honours)

The Joint Degree Program in History

St Andrews and William & Mary offer similarly demanding and prestigious undergraduate programs in their Departments of History. Undergraduates studying history through the joint degree program will benefit from the complementary attractions of these two high-quality programs. St Andrews has great strengths in the study of medieval and early modern Europe, in the history of Scotland, England, and the British Empire, and in Middle Eastern studies. William & Mary has a robust concentration in the history of early America, nineteenth and twentieth-century America and Europe, with strong offerings in early modern Europe, Latin America, Africa, and Asia. In addition to the opportunity to concentrate intensively in a particular field at our two universities, students in the joint degree program find their experience enhanced by exposure to two different pedagogical approaches, as the lecture- and discussion-based courses at William & Mary contrast effectively with the quite traditional approach of small seminar-based courses at St Andrews. Students culminate their education with a significant research project geared towards producing a sophisticated work of high-caliber scholarship.

Requirements for Degree:

Required Credit Hours:

A minimum of 54, 45 of which (180 in St Andrews equivalents) must be taken in courses numbered 300 or above during Years 3 & 4.

Core Requirements:

- Two courses in American history, which together offer significant chronological coverage (6 credits at W&M; 40-60 credits at St Andrews).
- Two courses in European or Scottish history, which together offer significant chronological coverage (6 credits at W&M; 40-60 credits at St Andrews). Students are strongly encouraged, though not required, to take courses in both European and Scottish history.
- Two courses in non-Western history, which together offer significant chronological coverage (6 credits at W&M; 40-60 credits at St Andrews).
- One upper-level class designated as a colloquium at W&M. Each colloquium has the letter "C" directly after its course number (for example, HIST 490C). Students will ordinarily take this in years 3 or 4.
- A historical methods course, to be taken in Spring semester of the second year (at St. Andrews, HI 2001: "History as a Discipline;" at W&M, HIST 301, "The Historian's Craft.")
- All joint degree students complete a fourth-year capstone experience which involves extensive, independent, faculty-mentored research. For students spending their fourth year at W&M, this normally takes the form of a one-semester Independent Study (3 W&M credits) or two-semester Honors Thesis (6 W&M credits), though in some cases a second capstone seminar (HIST 490C/491C) may be substituted. For students spending their fourth year at St Andrews, the capstone experience is typically a one-semester Honours Project (30 credits at St Andrews), though in some cases students may pursue the Honours Dissertation or Recording the Past project.
- In addition, the Joint Degree in History requires four or more semesters of foreign language study, in a language other than the student's native language. Given offerings at the two institutions, these languages include Arabic, French, German, Italian, Latin, Russian, and Spanish.

Additional Language Information

- Students must complete successfully at least four courses in a single language: two courses in year 1 of the program, and two courses in year 2 at the partner institution (all courses must be taught in the target language-no courses in translation).
- Language courses taken prior to matriculation into the Joint Degree Programme do not count toward this requirement.
- Courses must build on each other and, if students are continuing with a language studied in high school, must begin at/above the level completed prior to matriculation into the Joint Degree Programme.

- Students are strongly encouraged, though not required, to continue language study beyond the required courses in order to build toward genuine linguistic and cultural fluency, and are particularly encouraged to explore courses at and above the 300-/3000 level. Honours-level language courses taken during years 3 and/or 4 of the program may be counted toward the required honours-level courses in the major.
- In rare cases, students may be permitted to switch to a new language during or after year 1 of the program. In such cases they must complete four progressive courses in the new language. Students who have not been able to complete the requirement by the end of year 2 may be able to complete any remaining modules/courses during year 3.

At St Andrews, students will typically take sub-honors courses in years 1 or 2, and honors-level courses in years 3 or 4. Students will discuss the level of courses they take at W&M with the advisor, depending on their backgrounds in history and language, and to ensure that they complete the requisite number of upper-division courses.

International Relations, BA (International Honours)

The Joint Degree Program in International Relations

The International Relations major in the Joint Degree Programme at the University of St Andrews and the College of William & Mary builds on the distinctive strengths of both universities. Students will master the most important theoretical approaches to the study of world politics, and they will learn how the international system operates as well as the major challenges it faces. Majors in the program will take courses from a range of disciplines--in particular, politics, economics, and history--and they will learn how to integrate insights from these diverse approaches to the study of international relations. Topics and issues covered include international security, world trade and finance, environmental politics, human rights, terrorism, regional and ethnic conflict, and the impact of globalization. Students will benefit in particular from exposure to the different modes of analysis pursued at the two universities--more scientific at William & Mary, more philosophical at St Andrews. Together the two universities offer the broad spectrum of courses needed for a solid foundation in the study of world politics. All International Relations majors in the joint program will pursue an independent study project as part of their degree, either by writing a dissertation at St Andrews or by taking a senior research seminar at William & Mary.

Required Credit Hours: 54

A minimum of 54, at least 45 of which (180 in St Andrews equivalents) must be taken in courses numbered 300 or above in Years 3 & 4.

As detailed in the schedules below, there will be a range of courses required in the joint degree program. The IR advisor at both institutions will work closely with each student to ensure that they are taking the courses they need to take in order to excel at the next level and at the host institution.

First Year For William & Mary Home Student (Suggested):

St Andrews equivalents in parentheses for guidance; *indicates required course.

Year 1, Semester 1 at W&M (5 Courses Would Be Norm).

- GOVT 204 - Introduction to International Politics *(3)* = IR 1005 *
- ECON 101 - Principles of Microeconomics *(3)* = EC 1002 *
- HIST 192 - Global History since 1500 *(3)* = MO 1008 *
- Freshman Seminar (Writing intensive for all students) *
- Elective (Foreign Language or breadth requirement suggested)

Year 1, Semester 2 at W&M (5 Courses Would Be Norm.)

- GOVT 203 - Introduction to Comparative Politics *(3)* = IR 1005 *
- Any course on CP/FP of a specific area (GOVT 330-339) = Second half of IR 1006 *
- ECON 102 - Principles of Macroeconomics *(3)* = EC 1001 *
- INRL 300 - International Relations in Disciplinary Perspectives *(4)* *
- Elective (Foreign Language or breadth requirement suggested)

First Year For St Andrews Home Student:

W&M equivalent in parentheses for guidance; *indicates required course.

Year 1, Semester 1 at St Andrews (Three Modules is The Norm)

- IR1005 = (GOVT 204 - Introduction to International Politics) *
  Students could then take the following (or another subject that might count toward the breadth requirements):
- EC1002 = (ECON 101 - Principles of Microeconomics) *
- MO1008= (HIST 192 - Global History since 1500) OR breadth requirement OR foreign language course *

Year 1, Semester 2 at St Andrews (Three Modules is The Norm)

- IR1006 = (GOVT 203 - Introduction to Comparative Politics + any CP/FP course on a specific area, GOVT 330-339) *
- EC1001= (ECON 102 - Principles of Macroeconomics) *
- Elective (breadth requirement, * MO1008, or foreign language course suggested)

During the 2nd Year:

The student moves to the host university to complete their second year of studies.

Year 2, Semester 1 at William and Mary (5 Courses Norm)

- GOVT 327 - Theory and History in International Relations *(3)* = IR 2005 *

  Political Philosophy portion of IR 2005
- GOVT 303 - Survey of Political Theory: The Ancient Tradition *(3)* * or
- GOVT 304 - Survey of Political Theory: The Modern Tradition *(3)* * or
- GOVT 305 - Contemporary Political Theory *(3)* *

- Freshman Seminar (writing intensive) *
- Elective or HIST 192 if no equivalent taken in first year at St Andrews
- Elective or breadth requirement (Foreign language suggested)

Year 2, Semester 2 at William & Mary (5 Courses Norm)

- GOVT 324 - U.S. Foreign Policy *(3)*
- GOVT 325 - International Organization *(3)*
- GOVT 328 - International Political Economy *(3)*

  (pick one of the above) *
- INRL 300 - International Relations in Disciplinary Perspectives *(4)* (Note all the pre-requisites ARE fulfilled if previously suggested courses have been taken.) *
- Research Methods Course (GOVT 301, ECON 307, etc.). Could take in semester 1 or 2. *
- Elective or breadth requirement (Foreign language suggested)
- Elective or breadth requirement

Year 2, Semester 1 at St Andrews (3 Modules Norm)

- IR2005 = (GOVT 327 - Theory and History in International Relations plus Political Philosophy GOVT 303, GOVT 304, or GOVT 305) *
- Elective, (could proceed with EC2001 = ECON 303 - Intermediate Microeconomic Theory); please note that EC 2004 is a co-requisite for EC 2001.
- Elective (Foreign Language or could proceed with History)

Year 2, Semester 2 at St Andrews (3 Modules Norm)

- IR2006 = (No single course equivalent at W&M but could be any one of GOVT 324, GOVT 325, or GOVT 328) *
- Elective, but could proceed with EC2002 = (ECON 304 - Intermediate Macroeconomic Theory)
- Elective (Foreign Language or could proceed with History)

Note:

By the end of their second year, all students will have taken introductory economics, a Global History course, introduction to international politics, and INRL 300(IR in Disciplinary Perspective). In addition to providing students with a solid grounding in IR, this course of study also provides students with maximum flexibility within the joint degree program should they wish to switch to economics or history.

Years 3 and 4:

Students home or away, with one of each being spent in the home institution. Students will take a variety of courses in years 3 and 4; our only compulsory element during these final two years is that all joint programme students complete a fourth-year capstone experience which involves extensive, independent, faculty-mentored research. Students spending their fourth year at St Andrews take IR 4099; students at W&M typically complete an Honors thesis. We have designed this degree program so that the first two years give students broad exposure to a variety of different approaches to IR. The final two years allow the student to specialize based on his/her interests and on the research opportunities afforded them at the two institutions.

All students will take the course INRL 300 (International Relations in Disciplinary Perspective) and a research methods course. Students who do not take INRL 300 in years 1 or 2 at W&M must take it in year 3.

Since the St Andrews intermediate core courses prepare students for more advanced courses in years 3 and 4, IR 2005 and 2006 (or their equivalents at W&M) will be required of all students.

School of Education [Back to Table of Contents]

Faculty

Professors

Niles (Dean), **Blouet** (Fred Huby Professor of Geography and International Education), **Bracken**, **Cross** (Jody and Layton Smith Professor of Psychology and Education), **DiPaola**, **deFur**, **Foster**, **Harris** (Robert D. & Patricia Lee Pavey Chair in Educational Technology), **D. Johnson** (University Professor for Teaching Excellence), **Korinek** (University Professor for Teaching Excellence), **Mason**, **McEachron**, **McLaughlin** (Chancellor Professor), **Stronge** (Heritage Professor), **Tschannen-Moran**, **S. Ward**, and **T. Ward.**

Associate Professors

Charity-Hudley, Eddy, **Gareis**, **Gressard**, **Hofer**, **Kim**, **Matkins**, **McAdams**, Stoddard**, Theadore**, and **Tieso.**

Assistant Professors

Barber, Chen, Cole, Donnor, Grant, M. Johnson, Rodriquez, Shillingford.

Vision & Mission of the School of Education

Our Vision

To be a model of excellence for solving complex educational problems through innovative and participatory teaching, scholarship, and community engagement.

Our Mission

We transform students, schools, and communities through professional preparation, collaborative partnerships, and the translation of research into action.

We Value:

Innovative Teaching and Learning

Providing innovative and rigorous curricula through outstanding instruction and clinical supervision.

We will -

1. Cultivate transformative leaders
2. Model teaching excellence and innovation
3. Demonstrate content area expertise
4. Address local and global challenges in education through offering traditional and non-traditional learning experiences
5. Incorporate multiple perspectives in curricular materials

Influential Research

Engaging in rigorous, ongoing, and actionable research that impacts educational practice and policy.

We will -

1. Publish actionable research consistently
2. Showcase faculty research in School of Education communications
3. Develop school, community, and university research partnerships, locally and globally
4. Pursue high impact grant and contract opportunities
5. Disseminate research through conferences and outreach opportunities

Community Engagement

Fostering collaborative educational partnerships through research, professional development, and outreach services.

We will -

1. Collaborate with community partners to identify educational needs
2. Draw on research and practice to develop and implement innovative solutions
3. Empower the SOE community to design and deliver responsive professional development
4. Provide an excellent facility and responsive support for our outreach efforts
5. Leverage SOE expertise for the College and larger community for discussing, challenging, and influencing educational policies and programs

Cultural Competence and Diversity

Preparing culturally responsive, ethical, reflective, and collaborative leaders to transform schools and communities.

We will -

1. Respect ourselves and others
2. Be open-minded, collaborative, and inclusive
3. Promote and model cultural competencies
4. Treat everyone with dignity
5. Strengthen and expand our diversity

Positive climate

Supporting a safe, caring, and thriving community.

We will -

1. Demonstrate caring, open, and honest communication
2. Treat others with civility and respect
3. Foster faculty and staff enrichment and learning
4. Behave ethically
5. Confront bullying, harassment, and intimidating and threatening behaviors

Clear and Supportive Organizational Structures

Creating and maintaining administrative, organizational, and governance structures that support our vision, mission, and values.

We will -

1. Use our vision, mission, and values to set priorities
2. Challenge behavior inconsistent with our vision, mission, and values
3. Monitor the implementation of the strategic plan
4. Advocate vigorously for the School of Education
5. Engage in continuous improvement

Approved by the faculty on March 18, 2015

The Conceptual Framework

The Conceptual Framework of the School of Education at the College of William and Mary incorporates a shared view of how to best prepare our graduates to deliver services to children, schools, families, and communities in a manner that will promote educationally and psychologically healthy environments in a pluralistic society. This framework embodies the essential elements for our programs, courses, teaching, student and faculty scholarship, and student performance. As an integrative whole, the framework is comprised of the four main strands of the Content Expert, the Reflective Practitioner, the Educational Leader, and the Effective Collaborator, which we believe constitute a highly qualified professional who will positively and productively contribute to the lives of students, clients, community, and the profession.

1. **Content Expert**
   We believe fundamentally that professionals must have specific knowledge to learn in context and problem solve throughout a career. A profound understanding of disciplinary subject matter is vital. Content knowledge must be accompanied by pedagogical content knowledge for educational practitioners to be able to interpret, communicate, and construct knowledge that promotes learning (Shulman, 1987; Abell, Rogers, Park, Hauscin, Lee, & Gagnon, 2009) and to understand the role of identity in knowledge construction (Tatum, 1999). The value of our long-standing commitment to intellectualism by our faculty is confirmed by recent research conducted by Hill, Rowen and Ball (2005), Krauss, Brunner, Kunter, et al.,(2008), Goldhaber and Anthony (2003), and Griffen, Jitendra, and League (2009) that validates the need for intellectual rigor in subject matter. The role of our programs is to provide opportunities and a local, national, and international context for students to build and evaluate knowledge that equips them to work in a diverse global society (Banks, 2008). To accomplish this goal, we encourage students to master content appropriate to their disciplinary foci, consider diverse perspectives, participate in engaged learning, reflect on their actions, and generate responses based on research and best practice. The organization and transfer of knowledge and skills across these experiences results in deeper learning for our students and those whom they will serve.
2. **Reflective Practitioner**
   Our beliefs and preparation programs emanate from the continuing scholarship on reflective practice by Dewey (1901, 1933), Schon (1983, 1987), Kolb (1984), Johns (1994), Zeicher and Liston (1996), Newman (1999), Sherwood (2005), and others. We believe that ideal professional preparation produces an educator who can "reflect-in-action" and "reflect-on-action." According to research-based principles of reflective practice, learning does not occur through direct transmission of knowledge from instructor to student. Instead, instruction provides students in all fields of education with multiple opportunities to articulate their own ideas, experiment with these ideas, construct new knowledge, and make connections between their professional studies and the world in which they live and work. To this end, the School of Education cultivates a style of reflective practice that embraces the role of data, active inquiry, careful analysis, and thoughtful decision-making that leads to effective and culturally responsive pedagogy (Gay, 2000; Ladson-Billings, 1994). This reflective practice begins with self-examination of one's own identity and the myriad ways that identity and

life experiences influence one's view of the world. We believe that teaching is a cognitive process that involves decision making (Sergiovanni & Starratt, 1993), and we hold that our responsibility is, in large part, to educate our students to reason soundly and to perform skillfully. Although students in our programs prepare for specialized roles, we focus overall on the development of analytic and creative practices through which they can approach new issues and problems in a proactive way throughout their educational careers.

3. **Educational Leader**
Given the strengths of our students and preparation programs, we expect that our graduates will assume leadership roles in a variety of educational and societal settings. We broadly define educational leadership to include traditional positions such as preK-12 and university administrative assignments, as well as emerging and expansive roles such as leaders in research and scholarly positions, teacher-leaders, and leaders in the counseling and school psychology professions. To prepare our graduates for these varied roles within their respective specializations and career settings, we aspire to equip them with the essential skills and dispositions requisite for successfully supporting innovation and excellence across the field of education (Fullan, 2005; Fullan, Bertani, & Quinn, 2004; Hattie, 2009). Among the important abilities that will inform the leadership practices of our graduates are research-based technical skills, conceptually sound decision making, thoughtful and informed problem solving, and clear and inclusive communication. We expect our students to embrace and model ethical principles in all aspects of their work. As reflected in these ideals, we hope our graduates develop a personal sense of competence and confidence in leadership roles that encourages resilience in coping with and promoting desired change within the context of a globally connected environment (Zhou, 2009). Further, we expect our graduates to conduct and apply research for the public good through their schools, clinics, and community and state organizations (Anyon, 2005; Ladson-Billings & Tate, 2006). Ultimately, we believe that our graduates will contribute significantly to the educational organizations in which they work and thereby improve the quality of life of the students and other individuals they serve (Hallinger & Heck, 1996; Leithwood, Louis, Anderson, & Wahlstrom, 2004; Marzano, Waters, & McNulty, 2005).

4. **Effective Collaborator**
Finally, we promote and develop the use of a collaborative style for working effectively and cooperatively in professional communities, no matter how broadly or narrowly defined. As Glaser (2005) states, a collaborative style empowers individuals and groups to make changes necessary for improvement. We find the evidence compelling that partnerships among professionals, as well as between academic and non-academic realms, are critical for the successful education of all students, as such collaboration allows students to take full advantage of their schools' academic opportunities (Baker et al, 2009). Collaboration aids in the interpretation of data, the development of goals and interventions, and the measurement of progress (Camizzi, Clark, Yacco, & Goodman, 2009; INTASC, 2007), which are all integral to understanding students and meeting their individual needs. In addition to professional partnerships, it is vital for educators to build positive and effective relationships with the racially, culturally, economically, and linguistically diverse families and communities we serve (Delpit, 1995; Sleeter, 2008). We believe that programs that prepare individuals who will assume roles of teaching, service, and leadership must expect graduates not only to demonstrate effective collaborative skills but also to model these skills for their students (INTASC, 2007).

A Dynamic and Core Framework

The Conceptual Framework of the School of Education must be adaptable to the experience and background of the candidates within programs, the relative importance of the four strands within program areas, and to the external forces of our society. The dynamic nature of the framework is most clearly demonstrated by the relative emphasis placed on the four strands by each program. While all of our graduates embody the core qualities of the Content Expert, Reflective Practitioner, Educational Leader, and Effective Collaborator, we recognize and account for the valid and important degrees of emphasis, distinction, and definition that these core concepts take not only in a program area, but also with regard to the unique strengths and weaknesses of each student and over the duration of the professional life of a graduate and beyond.

Ultimately, the Conceptual Framework reflects the core elements of a graduate of the School of Education and, as such, it provides a structure for our programs and a process for generating and responding to new knowledge. The framework guides the experiences we require of students in their programs. The framework also provides the basis for the expectations and the evaluation of candidates and their programs. Through the process of candidate and program evaluation, we expect that our programs will produce highly qualified professionals and continuously evolve in response to our students' experiences within the program and our graduates' contributions to the profession as practitioners.

Education Program Requirements

Program Objectives for Students

Students who complete one of the Education programs are expected to develop and demonstrate a variety of knowledge, skills and attitudes considered by the faculty to be essential characteristics of an effective liberally educated school teacher. For instance, students are expected to develop and demonstrate knowledge of the disciplines and subject matter related to school curriculum; the developmental characteristics of children; cultural and individual differences among children; principles of

learning; principles of curriculum and instructional theory; principles of measurement and evaluation; principles of classroom management and discipline; the use of media and computers in education; the role of the school in society; federal, state and local policies and procedures; and support services, professional organizations and resources relevant to education. With respect to skills, students are expected to develop and demonstrate their ability to communicate effectively; to assess the characteristics and learning of students; to develop and implement an instructional plan appropriate for K-12 children; to organize and manage a classroom; and to interact effectively with students, parents and other professionals. Lastly, as they progress through the program, students are expected to develop and demonstrate respect for individual differences; respect for principles of fairness and justice; commitment to teaching and professional growth as evidenced by responsibility and enthusiasm; a positive self-concept; willingness and ability to collaborate professionally; and willingness and ability to consider alternatives judiciously.

Admissions Criteria and Procedures

Admission to baccalaureate study at The College of William & Mary does not automatically include admission to programs in the School of Education. Rather, students apply for admission to a program during the second semester of the sophomore year or first semester of the junior by completing an application form that can be obtained on the web at http://education.wm.edu/documents/admissions/Undergradapp.pdf. Admission to the undergraduate education program requires an overall grade point average of at least 2.0 in course work completed to date. After the application forms are submitted, the Office of Academic Programs verifies the applicants' prior course work and grade point average. The applicants' admission folders are then reviewed. Questions pertaining to the admissions process should be directed to The Office of Academic Programs in the School of Education or by calling 221-2317.

Student Advisement

Students are urged to take full advantage of the advisement services in the School of Education. During their freshman and sophomore years, they are encouraged to talk with faculty in the School about potential careers in teaching. Upon admission to an education program, individual students are assigned academic advisors who are faculty members in the program. Before registering for education courses, students should meet with their advisors to discuss academic, personal and professional goals; to review both the academic regulations of the College and the specific course requirements for teacher licensure; and to plan a program of studies in education. Advisors work with the students throughout their junior and senior years.

Transportation

All field experiences take place In K-12 classroom settings. Students are placed in schools within a 60 mile radius of the School of Education. This placement could be up to a 45 minute drive from campus. Students are responsible for getting to practica and student teaching placements. Students should provide their own transportation. Taking public transportation is an option, but not always practical, and will only work If placed in the Williamsburg-James City County School Division. Relying on others for rides is never an optimum arrangement.

Field Experience

Students must be able to show verification of a current tubercular examination prior to beginning their first field experience. In addition, all school divisions require a police or FBI background investigation to engage in clinical experiences in schools.

Additional policies and procedures that govern students in the teacher preparation programs during their field experiences are included in the Handbook for Practica and Student Teaching Experiences, which is available through the Office of Teacher Education and Professional Services or on the Office of Teacher Education and Professional Services web site.

Student Teaching Semester

To be eligible to student teach, students must meet the Praxis Core Academic Skills for Educators Test requirement (see Licensure Testing Requirements below) and successfully complete all education program courses with passing grades. Earning an F or I in any of these courses will prevent students from participating in student teaching.

Exit Criteria and Procedures

To complete a program in education, students must successfully complete all of the designated licensure assessments, general studies or subject area content requirements, an Arts and Sciences major, and the education courses described below, including student teaching. The students' university supervisor and cooperating teacher are each required to verify and evaluate the students' performance during a full-time student teaching experience of at least 400 contact hours with pupils in a state-accredited K-12 school. After verification by the Associate Dean for Teacher Education and Professional Services that the students have successfully completed all course and program requirements, the Office of Teacher Education and Professional Services helps the students to obtain the appropriate teaching license in Virginia or other state of their choice.

Licensure Testing Requirements

Students are required to achieve passing scores on assessments prescribed by the Virginia State Board of Education, both for program completion and for licensure. These assessments include Praxis Core Academic Skills for Educators Test (or an allowed substitution), Praxis II, the Virginia Communication and Literacy Assessment (VCLA), and the Reading for Virginia Educators (RVE) assessment, if applicable. Complete information about assessments can be found on the Virginia Department of Education web site at http://www.doe.virginia.gov/teaching/licensure/profassessment.pdf.

Praxis Core Academic Skills for Educators Test is an academic skills assessment of reading, writing, and mathematics. Registration information for the Praxis Core Academic Skills for Educators Test is available on the ETS website (http://www.ets.org/praxis/register). There are three alternate means by which a teacher candidate may meet the Praxis Core Academic Skills for Educators Test requirement in lieu of taking the full battery of subtests (i.e., reading, writing, and math).

- SAT Qualifying Score Option: A composite score of 1100 on the SAT, taken after April 1, 1995, with at least a 530 on the verbal and a 530 on the mathematics tests or a score of 1000 on the SAT, taken prior to April 1, 1995, with at least a 450 on the verbal and a 510 on the mathematics tests may be used as a substitute for Praxis Core Academic Skills for Educators Test.
- ACT Qualifying Score Option: A composite score of 24 on the ACT may be substituted for Praxis I if taken after April 1, 1995, with the ACT mathematics score no less than 22 and the ACT English plus Reading scores no less than 46, or a composite score of 21 may be substituted, if taken prior to April 1, 1995, with the ACT mathematics score no less than 21 and the ACT English plus Reading scores no less than 37.
- VCLA Qualifying Score Option: A qualifying VCLA score combined with a Qualifying Score on the Mathematics Subtest of Praxis Core Academic Skills for Educators Test or SAT or ACT: A composite score of 470 on the VCLA with subtest scores of at least 235 on writing and 235 on reading may be combined with a qualifying score on the mathematics portion of the Praxis Core Academic Skills for Educators Test mathematics subtest (minimum 150).

The Praxis Core Academic Skills for Educators Test must be passed or substitution made the semester before student teaching.

Praxis II is a general content knowledge exam for elementary and secondary education teachers. The Praxis II exam must be passed prior to program completion.

VCLA - The Virginia Communication and Literacy Assessment (VCLA) is a test of communication, reading, and writing skills. This test is required for individuals seeking an initial Virginia teaching license and program completion. Current information is available on the web at www.va.nesinc.com. The Virginia Communication and Literacy Assessment must be passed prior to program completion.

RVE- The Reading for Virginia Educators: Elementary and Special Education (RVE) assessment is a test of knowledge of reading instruction. This test is required for individuals seeking licensure in elementary education and program completion. Registration information for the RVE is available on the ETS web site (http://www.ets.org/praxis/register). The Reading for Virginia Educators assessment must be passed prior to program completion.

Students are responsible for providing copies of official score reports for all required assessments to the Office of Teacher Education and Professional Services.

Registration information for all tests is available in the Office of Teacher Education and Professional Services or on the Office of Teacher Education and Professional Services web site. Complete information about assessments can be found on the Virginia Department of Education web site at http://www.doe.virginia.gov/.

(Note: Teacher candidates must take and pass the state of Virginia's mandated licensure assessments for program completion. In the event that the Virginia Department of Education implements a change in the required assessment for basic communication/literacy, reading, pedagogy, or content knowledge, then the new state-mandated assessments(s) will be required for program completion in lieu of the former assessment.)

Support Services, Facilities and Programs

Office of Academic Programs

This office serves as the point of contact for School of Education undergraduate admissions; course scheduling and other curriculum and programmatic offerings; and advisor assignments. Although the Office of the University Registrar processes registration and any subsequent changes in registration, this office works closely with the registrar's office to insure close and effective coordination of all course registration and any changes which might emanate from registration. Further, although specific advisors are assigned to admitted undergraduate students, professionals in this office are prepared to respond to questions regarding undergraduate curricular programs and academic policies and practice. You may reach this office by calling 221-2317.

Clinical Experiences

In collaboration with faculty, the Associate Dean for Teacher Education and Professional Services and the Director of Clinical Placements and Licensure are responsible for arranging and coordinating all clinical educational experiences, including early field experiences, clinical experiences within courses and student teaching. These clinical experiences are closely coordinated in an effort to enhance learning and reduce duplication for students, faculty and public school personnel.

Learning Resource Center

The School of Education maintains a Learning Resource Center (LRC). This center supplements the resources of Swem Library and supports the particular needs of the School of Education with curriculum materials, teaching aids, periodicals, psycho-educational tests and Virginia Department of Education adopted textbooks. The center houses a growing collection of curriculum software and videodisc products. Also included in the LRC are a debit card operated photocopier, three videotaping labs and a variety of audiovisual equipment. Use of these facilities by students in the School of Education may be scheduled by contacting the LRC staff at 221-2311.

Swem Library

Books and periodicals that support the various teacher education programs in the School of Education are ordered on a continuing basis by faculty in the School of Education for the collection in Swem Library.

Teaching Licensure

The Associate Dean for Teacher Education and Professional Services processes all applications for teaching licenses in Virginia and in other states. Completed applications and all required fees should be filed with the Director of Clinical Placements and Licensure two weeks prior to graduation.

Office of Career Services

The Office of Career Services assists both current students who plan to teach and graduates who wish to change their employment. All students and graduates of the School of Education are urged to avail themselves of this service by filing and maintaining complete and current placement records with the office. Undergraduates are urged to begin developing their placement files as early as the first semester of their junior year.

Kappa Delta Pi Alpha Xi Chapter

Kappa Delta Pi, an international honor society in education, was first organized in 1911, and the Alpha Xi Chapter at the College of William & Mary was chartered in 1927. The purpose of Kappa Delta Pi is to encourage high professional, intellectual and personal standards and to recognize graduates of the College for their outstanding contributions to education. To this end, the organization invites to membership persons who exhibit commendable personal qualities, worthy educational ideals and sound scholarship. The organization endeavors to maintain a high degree of professional fellowship among its members and to quicken professional growth by honoring achievement in educational work. Both men and women are eligible for membership. Invitation to the honor society is based on completion of at least 12 semester credit hours in education and a minimum cumulative grade point average of 3.25.

The Alpha Xi Chapter of Kappa Delta Pi annually sponsors grants and initiates service projects to benefit members of the School of Education. Inquiries about this scholarship and the organization should be forwarded to the Chapter's counselor, Dr. Kelly Whalon (221-2063; kjwhal@wm.edu) or to the Associate Counselor, Carlane Pittman (221-2296; carlane.pittman@mason.wm.edu.)

Study Abroad

Study abroad opportunities are available for education students in Bath, England, through the Advanced Studies in England (ASE) Program. Normally, students may earn six hours of education elective credit for the ASE experience beyond the 35 elementary credits or 30 secondary credits by individually petitioning the Committee on Degrees for transfer credit for EDUC 400. The total hours for a degree will still be 120. For program information, please contact Global Education in the Reves Center. Specific information pertaining to transfer credit should be directed to the Associate Dean for Academic Programs. Other opportunities are available and questions may be directed to Dr. Brian Blouet in the School of Education at 221-2350.

Graduate Study

Graduate study in education is available to all who have completed with merit an undergraduate degree program at an accredited institution. The School of Education awards a Master of Arts in Education in Curriculum and Instruction with majors in Elementary Education, Secondary Education; Reading, Language, and Literacy, Gifted Education and Special Education (initial licensure and advanced specialization in collaborative teaching); a Master of Education in the fields of Counseling, Educational Leadership (with majors in Education [preK-12] Administration and Supervision, Gifted Education Administration and Supervision, and Higher Education Administration), and School Psychology, and both an Educational Specialist (39 semester hours beyond the Masters degree in School Psychology) and a Doctor of Education/Doctor of Philosophy in the fields of

Counselor Education and Educational Policy, Planning & Leadership (with majors in General [K-12] Administration, Gifted Education Administration, Higher Education, Special Education Administration, Curriculum Leadership, and Curriculum & Educational Technology). For detailed information about these graduate programs, interested persons are advised to consult the School of Education Graduate Program Catalog or contact the Office of Academic Programs in the School of Education (221-2317.) Information is also provided online at http://education.wm.edu.

Programs

Elementary Education, 2nd Major

The program in Elementary Education leading to endorsement to teach pre-school through grade 6 requires a dual major. Students are required to select a departmental or interdisciplinary major in the Arts and Sciences as a primary major. They are also required to declare a second major of 35 semester hours in Elementary Education. Students majoring in Elementary Education may apply no more than 35 credits in education toward the 120 academic credits required for graduation.

Program Requirements in the Elementary Education Program (preK-6)

Program requirements in the undergraduate program in Elementary Education include (1) general studies courses, (2) an Arts and Sciences major, and (3) professional studies in Elementary Education that constitute a second major. Courses in Elementary Education are listed on a Program of Study used for advisement purposes. The comprehensive listings that follow include all course work necessary to satisfy general studies and professional studies requirements for the Elementary Education (preK-6) Teaching Specialty. Courses in the Arts and Sciences major should be selected to meet simultaneously the state's general studies requirements for licensure and the College's General Education Requirements and major requirements for the degree. Specific requirements related to teacher licensure are listed below.

Elementary General Education Course Requirements

Elementary Education students must include course work specified below, as part of, or in addition to, the College's General Education Requirements for the baccalaureate degree. Transfer credit may be used to satisfy these requirements.

Students must take at least one three-credit course in each of the following:

1. Any 200-level or above ENGL literature course
2. American History or American Government
3. Geography (either GEOL 101 , GEOL 110 or GOVT 381 is recommended; any course identified under Geography in the undergraduate catalog is acceptable)

Sequence of Course Requirements in Professional Studies in Elementary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (13 credit hours)

- EDUC 301 - Educational Psychology *(3)* *
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *
- EDUC 330 - Designs for Technology-Enhanced Learning - Elementary *(2)*
- EDUC 406 - Elementary Science Curriculum and Instruction *(2)*
- EDUC 407 - Elementary Mathematics Curriculum and Instruction *(2)*
- EDUC 476 - Elementary Science Curriculum and Instruction (Practicum) *(1)*
- EDUC 477 - Elementary Mathematics Curriculum and Instruction (Practicum) *(1)*

II. Fall of Senior Year (9 credit hours)

- EDUC 405 - Elementary Social Studies Curriculum and Instruction *(2)*
- EDUC 410 - Elementary Reading/Language Arts Curriculum and Instruction *(5)*
- EDUC 412 - Reading and Language Arts Curriculum and Instruction (Practicum) *(1)*
- EDUC 475 - Elementary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (13 credit hours)

- EDUC 302 - Characteristics of Exceptional Student Populations (Elementary Education) *(1)*
- EDUC 303 - Introduction to Classroom Organization, Management and Discipline *(1)*
- EDUC 340 - Assessment of Learning *(1)*
- EDUC 345 - Differentiating and Managing in Diverse Classrooms Practicum: Elementary *(1)*
- EDUC 411 - Classroom Adaptations for Exceptional Student Populations (Elementary Education) *(1)*
- EDUC 414 - Student Teaching Seminar (Elementary Education) *(1)*
- EDUC 415 - Supervised Teaching in Elementary Education *(7)*

Total Credits: 35

* These courses can be taken in the Fall semester if students apply to begin in Fall.

Elementary Major Writing Requirement

In order to satisfy the Elementary Education Major Writing Requirement, students must earn overall averages of C- or better in the following courses:

- EDUC 301 - Educational Psychology *(3)*
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)*

English as a Second Language (ESL) Dual Endorsement

Schools need teachers prepared to educate linguistically diverse students. Students enrolled in initial licensure programs in the School of Education may also pursue the ESL endorsement, which will result a dual endorsement.

The ESL endorsement is not a stand-alone degree program, nor is it open to non-degree seeking students. However, the ESL option is open to School of Education students and Modern Languages and Literature students who plan to apply to the 5-Year Bachelor's to Master's Degree option in Education or the graduate program in Curriculum and Instruction at William and Mary.

Students must complete and have approved an ESL Program of Studies in the School of Education and must complete 150 clock hours of field experiences with ESL students. Field experiences are fulfilled as part of formal practica and student teaching experiences in elementary, secondary, or special education or through other experiences in settings approved by ESL program faculty.

Five-Year Bachelor's-to-Master's Degree Option

In Elementary, Secondary, and Special Education

The intent of this program is to attract well-qualified W&M undergraduate students into teaching. The five-year program leads to licensure in elementary, secondary, or special education. This option is intended for W&M undergraduates who cannot complete the currently available undergraduate programs but who wish to become licensed to teach. Primary applicants to this option would include W&M undergraduates who (1) have fewer than three semesters remaining in their programs at the time of application, and (2) who demonstrate that they cannot complete the undergraduate licensure course requirements in the number of semesters remaining in their program because of other requirements in their major or study abroad.

Qualifications:

Applicants must have a W&M undergraduate GPA of 3.0, be pursuing an undergraduate major that qualifies them for a teaching license in Virginia, and complete the Five-Year Program Application, which is available on line at education.wm.edu

Admission:

Admission to the program is dependent on space availability. Applications will be accepted as early as April 1 of the junior year and are due no later than August 1, prior to the fall semester of the senior year.

Continuation:

Students admitted to the program option must maintain a 3.0 undergraduate GPA, be in good standing with the College, and take the required professional education courses listed below as part of their undergraduate study:

- EDUC 301 - Educational Psychology *(3)*
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)*
- EDUC F65 Research Methods in Education (or an approved equivalent)

Additionally, prospective students in the graduate program in Special Education may take:

- EDUC 425 - Trends and Legal Issues in Special Education *(3)*

Note:

Students will not be able to add education courses until they have been admitted to the 5th year program.

Elevation to Master's Level:

In order to elevate to the Master's level students must (1) earn a 3.0 GPA in the professional education courses completed as an undergraduate, (2) graduate with their Bachelor's degree from W&M and (3) submit scores from the GRE (Graduate Record Examination) that meet the admissions guidelines for the SOE. The MAT (Miller Analogies Test) may be substituted for admission to the special education program only. GRE or MAT scores must be submitted no later than to January 15th of the senior year; however, applicants are strongly encouraged to submit scores as early as the spring of their junior year.

Continuation in the Master's Program:

Once elevated to the Master's portion of the program, students will enroll as full-time students and follow the continuation and program rules of the Master of Arts in Education (M.A.Ed.) in Curriculum & Instruction. Students will complete the regular sequence of courses, excluding EDUC F11, EDUC F12 and EDUC F65. These courses or their accepted equivalents will have been satisfied in the undergraduate portion of the program.

For more information regarding the Five-Year program, please contact the Office of Academic Programs at 757-221-2317.

Secondary Education (6-12), English

Program Requirements in Licensure Programs in Secondary Education (6-12)

Program requirements in the licensure programs in Secondary Education include courses subject area requirements, professional studies courses and a major in one or more subject area teaching specialties. The comprehensive listings that follow include all course work necessary to satisfy subject area requirements and professional studies requirements for the Secondary Education (6-12) program.

Preparation Programs in Secondary Education (6-12)

Students who plan to teach at the secondary school level must declare a major in the subject area or areas that they expect to teach, and they additionally complete 30 semester credits of professional education courses required for one of the following endorsement areas of Secondary Education: English, Foreign Language (K-12) (French, German, Spanish, Latin, Chinese), Mathematics, Science (Biology, Chemistry, Earth Science, Physics), and Social Studies. Students who complete a licensure program in Secondary Education may apply no more than 30 semester hours in education toward the 120 academic credits required for graduation.

Sequence of Course Requirements in Professional Studies in Secondary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (8 Credit Hours)

- EDUC 301 - Educational Psychology *(3)* *

- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *
- EDUC 460 - Content Reading and Writing *(2)*
- EDUC 461 - Content Reading and Writing Practicum *(1)*

II. Fall of Senior Year (10 Credit Hours)

- EDUC 305 - Instructional Technology and Design (Secondary Education) *(2)*
- EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education) *(1)*
- EDUC 311 - Classroom Management and Discipline (Secondary Education) *(1)*
- EDUC 312 - Characteristics of Exceptional Student Populations (Secondary) *(1)*
- EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary *(1)*

Choose One of the Following: 3

- EDUC 440 - Curriculum and Instructional Methods (Social Studies) *(3)*
- EDUC 441 - Curriculum and Instructional Methods (English) *(3)*
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*
- EDUC 443 - Curriculum and Instructional Methods (Mathematics) *(3)*
- EDUC 444 - Curriculum and Instructional Methods (Science) *(3)*

Choose One of the Following: 1

- EDUC 420 - Secondary English Curriculum and Instruction Practicum *(1)*
- EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum *(1)*
- EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum *(1)*
- EDUC 436 - Secondary Science Curriculum and Instruction Practicum *(1)*
- EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (12 Credit Hours)

- EDUC 340 - Assessment of Learning *(1)*

Choose One of the Following: 2

- EDUC 438 - Instructional Planning in Secondary English *(2)*
- EDUC 439 - Instructional Planning in Secondary Mathematics *(2)*
- EDUC 445 - Instructional Planning in Secondary Foreign Language *(2)*
- EDUC 446 - Instructional Planning in Secondary Science *(2)*
- EDUC 447 - Instructional Planning in Secondary Social Studies *(2)*

Choose One of the Following: 1

- EDUC 438P - Instructional Planning in Secondary English - Practicum *(1)*
- EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum *(1)*
- EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum *(1)*
- EDUC 446P - Instructional Planning in Secondary Science- Practicum *(1)*
- EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum *(1)*

Choose One of the Following: 1

- EDUC 449 - Secondary Curriculum and Instruction Seminar (English) *(1)*
- EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics) *(1)*
- EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language) *(1)*
- EDUC 452 - Secondary Curriculum and Instruction Seminar (Science) *(1)*
- EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies) *(1)*

Choose One of the Following: 7

- EDUC 494 - Internship in Supervised Teaching (Social Studies) *(7)*
- EDUC 495 - Internship in Supervised Teaching (English) *(7)*
- EDUC 496 - Internship in Supervised Teaching (Foreign Language) *(7)*
- EDUC 497 - Internship in Supervised Teaching (Mathematics) *(7)*
- EDUC 498 - Internship in Supervised Teaching (Science) *(7)*

Total Credits 30

English

Dr. Lindy Johnson (Telephone: 221-2333, lljohnson@wm.edu).

William and Mary English majors should select the Literature Option within the English major in order to meet the course requirements for teaching English. In addition to the major in English Language and Literature, (a minimum of 36 semester hours) 27 of these hours must be above the 300 level and distributed as follows:

6 Hours in British literature:

- ENGL 203 - British Literature I *(3)*
- ENGL 204 - British Literature II *(3)*
- It is recommended that students also include ENGL 352 in the major.

American Literature

6 hours in American literature representing a broad spectrum of American literary history, chosen from:

- ENGL 361 - American Literature to 1836 *(3)*
- ENGL 362 - The American Renaissance *(3)*
- ENGL 363 - American Literature, 1865-1920 *(3)*
- ENGL 364 - American Literature, 1912-1960's *(3)*

3 Hours in Shakespeare

- ENGL 421 - Shakespeare History and Comedy *(3)*
- ENGL 422 - Shakespeare Tragedy *(3)*

3 Hours in the Study of a Genre

- ENGL 311 - Epic and Romance *(3)*
- ENGL 325 - English Renaissance Drama *(3)*
- ENGL 333 - The Novel to 1832 *(3)*
- ENGL 343 - English Novel, 1832-1900 *(3)*

- ENGL 344 - The World Novel After 1832 *(3)*
- ENGL 355 - Modern Fiction *(3)*
- ENGL 356 - Modern Poetry to 1930 *(3)*
- ENGL 357 - Modern Poetry since 1930 *(3)*
- ENGL 358 - Modern Drama to 1940 *(3)*
- ENGL 359 - Modern Drama since 1940 *(3)*
- ENGL 430
- ENGL 455

3 Hours in an Upper Level Creative Writing or Advanced Writing Course

- CRWR 368 - Creative Writing: Fiction *(3)*
- CRWR 369 - Creative Writing: Poetry *(3)*

6 Hours in Linguistics:

- ENGL 220
- ENGL 303

3 Hours in World Literature

(defined as not Anglo-American).

This requirement may also be fulfilled by presenting documented evidence (course names and numbers, authors and texts) of world literatures studied in multiple courses.

- ENGL 310 - Literature and the Bible *(3)*
- ENGL 344 - The World Novel After 1832 *(3)*
- ENGL 417A - Literature of the Americas *(3)*
- CLCV 205 - Greek and Roman Mythology *(3)*
- CLCV 410

3 Hours in Literature for Adolescents

- ENGL 465 - Topics in English *(1-3)* / CRIN S77

Additionally

3 hours in a course that heavily emphasizes the work of women writers, chosen from English ENGL 414A or an appropriate 455, ENGL 465, or ENGL 475; or documented evidence (course names and numbers, authors and texts) of women writers studied in multiple courses.

Secondary Education (6-12), Foreign Language (preK-12)

Program Requirements in Licensure Programs in Secondary Education (6-12)

Program requirements in the licensure programs in Secondary Education include courses subject area requirements, professional studies courses and a major in one or more subject area teaching specialties. The comprehensive listings that follow include all course work necessary to satisfy subject area requirements and professional studies requirements for the Secondary Education (6-12) program.

Preparation Programs in Secondary Education (6-12)

Students who plan to teach at the secondary school level must declare a major in the subject area or areas that they expect to teach, and they additionally complete 30 semester credits of professional education courses required for one of the following endorsement areas of Secondary Education: English, Foreign Language (K-12) (French, German, Spanish, Latin, Chinese), Mathematics, Science (Biology, Chemistry, Earth Science, Physics), and Social Studies. Students who complete a licensure program in Secondary Education may apply no more than 30 semester hours in education toward the 120 academic credits required for graduation.

Sequence of Course Requirements in Professional Studies in Secondary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (8 Credit Hours)

- EDUC 301 - Educational Psychology *(3)* *
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *
- EDUC 460 - Content Reading and Writing *(2)*
- EDUC 461 - Content Reading and Writing Practicum *(1)*

II. Fall of Senior Year (10 Credit Hours)

- EDUC 305 - Instructional Technology and Design (Secondary Education) *(2)*
- EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education) *(1)*
- EDUC 311 - Classroom Management and Discipline (Secondary Education) *(1)*
- EDUC 312 - Characteristics of Exceptional Student Populations (Secondary) *(1)*
- EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary *(1)*

Choose One of the Following: 3

- EDUC 440 - Curriculum and Instructional Methods (Social Studies) *(3)*
- EDUC 441 - Curriculum and Instructional Methods (English) *(3)*
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*
- EDUC 443 - Curriculum and Instructional Methods (Mathematics) *(3)*
- EDUC 444 - Curriculum and Instructional Methods (Science) *(3)*

Choose One of the Following: 1

- EDUC 420 - Secondary English Curriculum and Instruction Practicum *(1)*
- EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum *(1)*
- EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum *(1)*
- EDUC 436 - Secondary Science Curriculum and Instruction Practicum *(1)*
- EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (12 Credit Hours)

- EDUC 340 - Assessment of Learning *(1)*

Choose One of the Following: 2

- EDUC 438 - Instructional Planning in Secondary English *(2)*
- EDUC 439 - Instructional Planning in Secondary Mathematics *(2)*
- EDUC 445 - Instructional Planning in Secondary Foreign Language *(2)*
- EDUC 446 - Instructional Planning in Secondary Science *(2)*

- EDUC 447 - Instructional Planning in Secondary Social Studies *(2)*

Choose One of the Following: 1

- EDUC 438P - Instructional Planning in Secondary English - Practicum *(1)*
- EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum *(1)*
- EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum *(1)*
- EDUC 446P - Instructional Planning in Secondary Science- Practicum *(1)*
- EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum *(1)*

Choose One of the Following: 1

- EDUC 449 - Secondary Curriculum and Instruction Seminar (English) *(1)*
- EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics) *(1)*
- EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language) *(1)*
- EDUC 452 - Secondary Curriculum and Instruction Seminar (Science) *(1)*
- EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies) *(1)*

Choose One of the Following: 7

- EDUC 494 - Internship in Supervised Teaching (Social Studies) *(7)*
- EDUC 495 - Internship in Supervised Teaching (English) *(7)*
- EDUC 496 - Internship in Supervised Teaching (Foreign Language) *(7)*
- EDUC 497 - Internship in Supervised Teaching (Mathematics) *(7)*
- EDUC 498 - Internship in Supervised Teaching (Science) *(7)*

Total Credits 30

Foreign Language (preK-12)

JASON CHEN (Telephone: 221-6201, jachen@wm.edu).

Students who major in French, German, Hispanic Studies, or Classical Studies/Latin concentration may become certified to teach in preK-12 schools. Students are encouraged to qualify for endorsements in two languages by majoring in one and taking at least an additional 24 hours in a second.

As stated in the description of this catalog for each foreign language major, students are required to take content specific courses to satisfy endorsement regulations for the State of Virginia. The program shall include courses in advanced grammar and composition, conversation, culture and civilization, linguistics and literature. Listed below are the subject area content requirements.

French

1. A major in French with a minimum of 33 semester hours above the intermediate-202 level.
2. As a part of or in addition to the major requirements, the program shall include courses in advanced grammar and composition, conversation, culture and civilization, linguistics and literature.

German

1. A major in German with a minimum of 27 semester hours above the intermediate-202 level.
2. As a part of or in addition to the major requirements, the program shall include courses in advanced grammar and composition, conversation, culture and civilization, linguistics and literature.

Hispanic Spanish

1. A major in Hispanic Studies with a minimum of 33 semester hours above the intermediate-202 level.

2. As a part of or in addition to the major requirements the program shall include courses in advanced grammar and composition, conversation, culture and civilization, linguistics and literature.

Latin

1. A major in Classical Studies with a concentration in Latin.
2. At least one course that includes linguistics.

Secondary Education (6-12), Mathematics

Program Requirements in Licensure Programs in Secondary Education (6-12)

Program requirements in the licensure programs in Secondary Education include courses subject area requirements, professional studies courses and a major in one or more subject area teaching specialties. The comprehensive listings that follow include all course work necessary to satisfy subject area requirements and professional studies requirements for the Secondary Education (6-12) program.

Preparation Programs in Secondary Education (6-12)

Students who plan to teach at the secondary school level must declare a major in the subject area or areas that they expect to teach, and they additionally complete 30 semester credits of professional education courses required for one of the following endorsement areas of Secondary Education: English, Foreign Language (K-12) (French, German, Spanish, Latin, Chinese), Mathematics, Science (Biology, Chemistry, Earth Science, Physics), and Social Studies. Students who complete a licensure program in Secondary Education may apply no more than 30 semester hours in education toward the 120 academic credits required for graduation.

Sequence of Course Requirements in Professional Studies in Secondary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (8 Credit Hours)

- EDUC 301 - Educational Psychology *(3)* *
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *
- EDUC 460 - Content Reading and Writing *(2)*
- EDUC 461 - Content Reading and Writing Practicum *(1)*

II. Fall of Senior Year (10 Credit Hours)

- EDUC 305 - Instructional Technology and Design (Secondary Education) *(2)*
- EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education) *(1)*
- EDUC 311 - Classroom Management and Discipline (Secondary Education) *(1)*
- EDUC 312 - Characteristics of Exceptional Student Populations (Secondary) *(1)*
- EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary *(1)*

Choose One of the Following: 3

- EDUC 440 - Curriculum and Instructional Methods (Social Studies) *(3)*
- EDUC 441 - Curriculum and Instructional Methods (English) *(3)*
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*
- EDUC 443 - Curriculum and Instructional Methods (Mathematics) *(3)*
- EDUC 444 - Curriculum and Instructional Methods (Science) *(3)*

Choose One of the Following: 1

- EDUC 420 - Secondary English Curriculum and Instruction Practicum *(1)*
- EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum *(1)*
- EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum *(1)*
- EDUC 436 - Secondary Science Curriculum and Instruction Practicum *(1)*
- EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (12 Credit Hours)

- EDUC 340 - Assessment of Learning *(1)*

Choose One of the Following: 2

- EDUC 438 - Instructional Planning in Secondary English *(2)*
- EDUC 439 - Instructional Planning in Secondary Mathematics *(2)*
- EDUC 445 - Instructional Planning in Secondary Foreign Language *(2)*
- EDUC 446 - Instructional Planning in Secondary Science *(2)*
- EDUC 447 - Instructional Planning in Secondary Social Studies *(2)*

Choose One of the Following: 1

- EDUC 438P - Instructional Planning in Secondary English - Practicum *(1)*
- EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum *(1)*
- EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum *(1)*
- EDUC 446P - Instructional Planning in Secondary Science- Practicum *(1)*
- EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum *(1)*

Choose One of the Following: 1

- EDUC 449 - Secondary Curriculum and Instruction Seminar (English) *(1)*
- EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics) *(1)*
- EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language) *(1)*
- EDUC 452 - Secondary Curriculum and Instruction Seminar (Science) *(1)*
- EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies) *(1)*

Choose One of the Following: 7

- EDUC 494 - Internship in Supervised Teaching (Social Studies) *(7)*
- EDUC 495 - Internship in Supervised Teaching (English) *(7)*
- EDUC 496 - Internship in Supervised Teaching (Foreign Language) *(7)*
- EDUC 497 - Internship in Supervised Teaching (Mathematics) *(7)*
- EDUC 498 - Internship in Supervised Teaching (Science) *(7)*

Total Credits 30

Mathematics

DR. MARGIE MASON (Telephone: 221-2327; mmmaso@wm.edu).

Those students preparing to teach mathematics must fulfill the major requirements in the mathematics department. Within the 38 semester hours required for the major, students should include the following mathematics courses:

- MATH 111 - Calculus I *(4)* or
- MATH 131 - Calculus I for Life Sciences *(4)*

- MATH 112 - Calculus II *(4)* or
- MATH 132 - Calculus II for Life Sciences *(4)*

- MATH 211 - Linear Algebra *(3,3)*

- MATH 212 - Introduction to Multivariable Calculus *(3,3)* or
- MATH 213 - Multivariable Calculus for Science and Mathematics *(4,4)*

- MATH 214 - Foundations of Mathematics *(3,3)*
- MATH 302 - Ordinary Differential Equations *(3)*
- MATH 307 - Abstract Algebra *(3)*
- MATH 323 - Operations Research: Deterministic Models *(3)*
- MATH 351 - Probability and Statistics for Scientists *(3)*
- MATH 412 - Introduction to Number Theory *(3)*
- MATH 416 - Topics in Geometry *(3)*
- MATH 490 - Seminar *(3)*
- CSCI 141 - Computational Problem Solving *(4)*

Secondary Education (6-12), Science

Program Requirements in Licensure Programs in Secondary Education (6-12)

Program requirements in the licensure programs in Secondary Education include courses subject area requirements, professional studies courses and a major in one or more subject area teaching specialties. The comprehensive listings that follow include all course work necessary to satisfy subject area requirements and professional studies requirements for the Secondary Education (6-12) program.

Preparation Programs in Secondary Education (6-12)

Students who plan to teach at the secondary school level must declare a major in the subject area or areas that they expect to teach, and they additionally complete 30 semester credits of professional education courses required for one of the following endorsement areas of Secondary Education: English, Foreign Language (K-12) (French, German, Spanish, Latin, Chinese), Mathematics, Science (Biology, Chemistry, Earth Science, Physics), and Social Studies. Students who complete a licensure program in Secondary Education may apply no more than 30 semester hours in education toward the 120 academic credits required for graduation.

Sequence of Course Requirements in Professional Studies in Secondary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (8 Credit Hours)

- EDUC 301 - Educational Psychology *(3)* *
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *

- EDUC 460 - Content Reading and Writing *(2)*
- EDUC 461 - Content Reading and Writing Practicum *(1)*

II. Fall of Senior Year (10 Credit Hours)

- EDUC 305 - Instructional Technology and Design (Secondary Education) *(2)*
- EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education) *(1)*
- EDUC 311 - Classroom Management and Discipline (Secondary Education) *(1)*
- EDUC 312 - Characteristics of Exceptional Student Populations (Secondary) *(1)*
- EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary *(1)*

Choose One of the Following: 3

- EDUC 440 - Curriculum and Instructional Methods (Social Studies) *(3)*
- EDUC 441 - Curriculum and Instructional Methods (English) *(3)*
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*
- EDUC 443 - Curriculum and Instructional Methods (Mathematics) *(3)*
- EDUC 444 - Curriculum and Instructional Methods (Science) *(3)*

Choose One of the Following: 1

- EDUC 420 - Secondary English Curriculum and Instruction Practicum *(1)*
- EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum *(1)*
- EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum *(1)*
- EDUC 436 - Secondary Science Curriculum and Instruction Practicum *(1)*
- EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (12 Credit Hours)

- EDUC 340 - Assessment of Learning *(1)*

Choose One of the Following: 2

- EDUC 438 - Instructional Planning in Secondary English *(2)*
- EDUC 439 - Instructional Planning in Secondary Mathematics *(2)*
- EDUC 445 - Instructional Planning in Secondary Foreign Language *(2)*
- EDUC 446 - Instructional Planning in Secondary Science *(2)*
- EDUC 447 - Instructional Planning in Secondary Social Studies *(2)*

Choose One of the Following: 1

- EDUC 438P - Instructional Planning in Secondary English - Practicum *(1)*
- EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum *(1)*
- EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum *(1)*
- EDUC 446P - Instructional Planning in Secondary Science- Practicum *(1)*
- EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum *(1)*

Choose One of the Following: 1

- EDUC 449 - Secondary Curriculum and Instruction Seminar (English) *(1)*
- EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics) *(1)*
- EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language) *(1)*
- EDUC 452 - Secondary Curriculum and Instruction Seminar (Science) *(1)*
- EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies) *(1)*

Choose One of the Following: 7

- EDUC 494 - Internship in Supervised Teaching (Social Studies) *(7)*
- EDUC 495 - Internship in Supervised Teaching (English) *(7)*
- EDUC 496 - Internship in Supervised Teaching (Foreign Language) *(7)*
- EDUC 497 - Internship in Supervised Teaching (Mathematics) *(7)*
- EDUC 498 - Internship in Supervised Teaching (Science) *(7)*

Total Credits 30

Science

Dr. Meredith Kier (mwkier@wm.edu).

Students who wish to teach (l) Biology, (2) Chemistry, (3) Earth Science (Geology), or (4) Physics must complete the teaching specialty requirements listed below.

Biology

1. A major in Biology (a minimum of 37 hours as defined by the Biology Department). In meeting the major requirements, students must minimally include instruction in botany, zoology, ecology, physiology, evolution, genetics, cell biology, microbiology, biochemistry, and human biology.
2. One inorganic chemistry course with a lab (4); one organic chemistry course with a lab (4); and a course in physics (4).
3. At least one calculus course.

Chemistry

1. 1. A major in Chemistry (a minimum of 38 semester hours as defined by the Chemistry Department, but must include CHEM 307). In meeting major requirements students must minimally include instruction in inorganic, organic, analytical, and physical chemistry and biochemistry.
2. A minimum of 16 hours in non-chemistry sciences, including at least one biology and one physics course.
3. At least one course in calculus.
    1. A major in Geology (a minimum of 36 semester hours as defined by the Geology Department). A student must minimally include instruction in astronomy (e.g., PHYS 176), meteorology, oceanography (e.g., GEOL 306) and natural resources.
    2. A minimum of 16 hours in non-geology sciences including at least one biology, one chemistry and one physics course.

Earth Science

1. A major in Geology (a minimum of 38 semester hours as defined by the Geology Department). A student must minimally include instruction in astronomy (e.g., PHYS 176), meteorology, oceanography (e.g., GEOL 306) and natural resources.
2. A minimum of 16 hours in non-geology sciences including at least one biology, one chemistry and one physics course.
3. At least one course in calculus.

Physics

1. A major in Physics (a minimum of 32 semester hours as defined by the Physics Department). In fulfilling the physics major requirements, students must include the study of classical mechanics, electricity and magnetism, heat and thermodynamics, waves, optics, atomic and nuclear physics, radioactivity, relativity, and quantum mechanics.
2. A minimum of 16 hours in non-physics sciences, including at least a course in biology and a course in chemistry.
3. At least one course in calculus and introductory differential equations.

Note

Students completing the requirements for an endorsement in biology, chemistry, earth science or physics may be endorsed in a second area of science by completing a minimum of 18 semester hours in the second endorsement area in addition to the specific coursework for that area as specified above.

Secondary Education (6-12), Social Studies

Program Requirements in Licensure Programs in Secondary Education (6-12)

Program requirements in the licensure programs in Secondary Education include courses subject area requirements, professional studies courses and a major in one or more subject area teaching specialties. The comprehensive listings that follow include all course work necessary to satisfy subject area requirements and professional studies requirements for the Secondary Education (6-12) program.

Preparation Programs in Secondary Education (6-12)

Students who plan to teach at the secondary school level must declare a major in the subject area or areas that they expect to teach, and they additionally complete 30 semester credits of professional education courses required for one of the following endorsement areas of Secondary Education: English, Foreign Language (K-12) (French, German, Spanish, Latin, Chinese), Mathematics, Science (Biology, Chemistry, Earth Science, Physics), and Social Studies. Students who complete a licensure program in Secondary Education may apply no more than 30 semester hours in education toward the 120 academic credits required for graduation.

Sequence of Course Requirements in Professional Studies in Secondary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (8 Credit Hours)

- EDUC 301 - Educational Psychology *(3)* *
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *
- EDUC 460 - Content Reading and Writing *(2)*
- EDUC 461 - Content Reading and Writing Practicum *(1)*

II. Fall of Senior Year (10 Credit Hours)

- EDUC 305 - Instructional Technology and Design (Secondary Education) *(2)*
- EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education) *(1)*
- EDUC 311 - Classroom Management and Discipline (Secondary Education) *(1)*
- EDUC 312 - Characteristics of Exceptional Student Populations (Secondary) *(1)*
- EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary *(1)*

Choose One of the Following: 3

- EDUC 440 - Curriculum and Instructional Methods (Social Studies) *(3)*
- EDUC 441 - Curriculum and Instructional Methods (English) *(3)*
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*

- EDUC 443 - Curriculum and Instructional Methods (Mathematics) *(3)*
- EDUC 444 - Curriculum and Instructional Methods (Science) *(3)*

Choose One of the Following: 1

- EDUC 420 - Secondary English Curriculum and Instruction Practicum *(1)*
- EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum *(1)*
- EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum *(1)*
- EDUC 436 - Secondary Science Curriculum and Instruction Practicum *(1)*
- EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (12 Credit Hours)

- EDUC 340 - Assessment of Learning *(1)*

Choose One of the Following: 2

- EDUC 438 - Instructional Planning in Secondary English *(2)*
- EDUC 439 - Instructional Planning in Secondary Mathematics *(2)*
- EDUC 445 - Instructional Planning in Secondary Foreign Language *(2)*
- EDUC 446 - Instructional Planning in Secondary Science *(2)*
- EDUC 447 - Instructional Planning in Secondary Social Studies *(2)*

Choose One of the Following: 1

- EDUC 438P - Instructional Planning in Secondary English - Practicum *(1)*
- EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum *(1)*
- EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum *(1)*
- EDUC 446P - Instructional Planning in Secondary Science- Practicum *(1)*
- EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum *(1)*

Choose One of the Following: 1

- EDUC 449 - Secondary Curriculum and Instruction Seminar (English) *(1)*
- EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics) *(1)*
- EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language) *(1)*
- EDUC 452 - Secondary Curriculum and Instruction Seminar (Science) *(1)*
- EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies) *(1)*

Choose One of the Following: 7

- EDUC 494 - Internship in Supervised Teaching (Social Studies) *(7)*
- EDUC 495 - Internship in Supervised Teaching (English) *(7)*
- EDUC 496 - Internship in Supervised Teaching (Foreign Language) *(7)*
- EDUC 497 - Internship in Supervised Teaching (Mathematics) *(7)*
- EDUC 498 - Internship in Supervised Teaching (Science) *(7)*

Total Credits 30

Social Studies

DR. JEREMY STODDARD (Telephone: 221-2348; jdstod@wm.edu).

The Social Studies program prepares students to teach History, Political Science (Government) and other subjects in the field of Secondary Social Studies. The following are the subject area requirements:

1. A major in History or Government (or equivalent of 33 semester hours)
    a. 12 hours in Government (needed for a History major) Coursework should include at least 3 hours in American Government - GOVT 201 is recommended.
    b. 18 hours in History (needed for a Government major) Coursework should include at least 6 hours in American or US History - HIST 121 & HIST 122 are recommended.
2. 3 hours in Economics (micro or macro)
3. 3 hours in Human Geography
4. 3 hours in non-Western History/Culture
5. 3 hours in Sociology
6. 3 hours in Anthropology

Secondary Education Programs (6-12)

Preparation Programs in Secondary Education (6-12)

Students who plan to teach at the secondary school level must declare a major in the subject area or areas that they expect to teach, and they additionally complete 30 semester credits of professional education courses required for one of the following endorsement areas of Secondary Education: English, Foreign Language (K-12) (French, German, Spanish, Latin), Mathematics, Science (Biology, Chemistry, Earth Science, Physics), and Social Studies. Students who complete a licensure program in Secondary Education may apply no more than 30 semester hours in education toward the 120 academic credits required for graduation.

Program Requirements in Licensure Programs in Secondary Education (6-12)

Program requirements in the licensure programs in Secondary Education include courses subject area requirements, professional studies courses and a major in one or more subject area teaching specialties. The comprehensive listings that follow include all course work necessary to satisfy subject area requirements and professional studies requirements for the Secondary Education (6-12) program.

Sequence of Course Requirements in Professional Studies in Secondary Education

This three semester sequence begins in the spring semester of the junior year.

I. Spring of Junior Year (8 Credit Hours)

- EDUC 301 - Educational Psychology *(3)* *
- EDUC 310 - Social and Philosophical Foundations of American Education *(2)* *
- EDUC 460 - Content Reading and Writing *(2)*
- EDUC 461 - Content Reading and Writing Practicum *(1)*

II. Fall of Senior Year (10 Credit Hours)

- EDUC 305 - Instructional Technology and Design (Secondary Education) *(2)*
- EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education) *(1)*
- EDUC 311 - Classroom Management and Discipline (Secondary Education) *(1)*
- EDUC 312 - Characteristics of Exceptional Student Populations (Secondary) *(1)*

- EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary *(1)*

Choose One of the Following: 3

- EDUC 440 - Curriculum and Instructional Methods (Social Studies) *(3)*
- EDUC 441 - Curriculum and Instructional Methods (English) *(3)*
- EDUC 442 - Curriculum and Instructional Methods (Foreign Language) *(3)*
- EDUC 443 - Curriculum and Instructional Methods (Mathematics) *(3)*
- EDUC 444 - Curriculum and Instructional Methods (Science) *(3)*

Choose One of the Following: 1

- EDUC 420 - Secondary English Curriculum and Instruction Practicum *(1)*
- EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum *(1)*
- EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum *(1)*
- EDUC 436 - Secondary Science Curriculum and Instruction Practicum *(1)*
- EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum *(1)*

III. Spring of Senior Year (12 Credit Hours)

- EDUC 340 - Assessment of Learning *(1)*

Choose One of the Following: 2

- EDUC 438 - Instructional Planning in Secondary English *(2)*
- EDUC 439 - Instructional Planning in Secondary Mathematics *(2)*
- EDUC 445 - Instructional Planning in Secondary Foreign Language *(2)*
- EDUC 446 - Instructional Planning in Secondary Science *(2)*
- EDUC 447 - Instructional Planning in Secondary Social Studies *(2)*

Choose One of the Following: 1

- EDUC 438P - Instructional Planning in Secondary English - Practicum *(1)*
- EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum *(1)*
- EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum *(1)*
- EDUC 446P - Instructional Planning in Secondary Science- Practicum *(1)*
- EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum *(1)*

Choose One of the Following: 1

- EDUC 449 - Secondary Curriculum and Instruction Seminar (English) *(1)*
- EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics) *(1)*
- EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language) *(1)*
- EDUC 452 - Secondary Curriculum and Instruction Seminar (Science) *(1)*
- EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies) *(1)*

Choose One of the Following: 7

- EDUC 494 - Internship in Supervised Teaching (Social Studies) *(7)*

- EDUC 495 - Internship in Supervised Teaching (English) *(7)*
- EDUC 496 - Internship in Supervised Teaching (Foreign Language) *(7)*
- EDUC 497 - Internship in Supervised Teaching (Mathematics) *(7)*
- EDUC 498 - Internship in Supervised Teaching (Science) *(7)*

Total Credits 30

*** These courses can be taken in the Fall semester if students apply to begin in Fall.**

Subject Area Requirements for Specific Secondary School Teaching Endorsements

For students pursuing licensure in Secondary Education, the following courses or their approved equivalents, must be part of their program of studies in the major.

Course Descriptions

EDUC 301 - Educational Psychology

(3)
Limited to students pursuing elementary or secondary teaching licensure. A course that examines psychological theories and research findings dealing with human development and learning. Special emphasis is placed upon the ways in which theoretical and empirical findings in educational and developmental psychology have been translated into educational practice for both elementary and secondary age students.

EDUC 302 - Characteristics of Exceptional Student Populations (Elementary Education)

(1) Corequisite(s): EDUC 303, EDUC 340, EDUC 345, EDUC 411, EDUC 414, EDUC 415 Open only to elementary education majors
This course introduces the elementary education major to the characteristics of exceptional elementary age children (e.g., students who have disabilities, are at-risk, are gifted/talented, come from culturally & linguistically diverse backgrounds) and prepares them with the knowledge, skills, and abilities to identify and use applicable educational policies and services.

EDUC 303 - Introduction to Classroom Organization, Management and Discipline

(1) Corequisite(s): EDUC 302, EDUC 340, EDUC 345, EDUC 411, EDUC 414, EDUC 415
A course designed to help prospective teachers promote positive student behavior. Emphasis is placed on the selection of strategies, procedures and possible actions that enhance classroom organization and management and reduce and/or prevent misbehavior.

EDUC 305 - Instructional Technology and Design (Secondary Education)

(2) Corequisite(s): EDUC 309, EDUC 311, EDUC 312, EDUC 315. Restricted to students in the secondary teacher education program
An introduction to computer-based and networked educational technologies, emphasizing instructional designs for their curriculum-based uses in teaching and learning.

EDUC 309 - Classroom Adaptations for Exceptional Students (Secondary Education)

(1) Corequisite(s): EDUC 305, EDUC 311, EDUC 312, EDUC 315.
A course designed to address academic and social learning needs of exceptional student populations (e.g., students with disabilities, at-risk, gifted, culturally diverse) in secondary level classrooms and appropriate interventions to meet these needs.

EDUC 310 - Social and Philosophical Foundations of American Education

(2)
Restricted to students in the teacher education program. An introduction to historical, sociological/anthropological, legal and philosophical perspectives on education. Topics include the roles, organization and curriculum of schools viewed as social systems.

EDUC 311 - Classroom Management and Discipline (Secondary Education)

(1) Corequisite(s): EDUC 305, EDUC 309, EDUC 312, EDUC 315
A course designed to emphasize problem solving, reflection and decision-making to develop positive behavioral support plans to meet the needs of students in secondary general education classes.

EDUC 312 - Characteristics of Exceptional Student Populations (Secondary)

(1) Corequisite(s): EDUC 305, EDUC 309, EDUC 311, EDUC 315
An introductory course designed for students with a concentration in secondary education to acquaint them with the characteristics of exceptional secondary age students (e.g., students who have disabilities, are at-risk, are gifted/talented, come from culturally & linguistically diverse backgrounds) and to identify applicable education policies and services.

EDUC 315 - Differentiating and Managing Diverse Classrooms Practicum Secondary

(1) Corequisite(s): EDUC 305, EDUC 309, EDUC 311, EDUC 312
This course is a clinical practicum designed to acquaint students with the school personnel, policies, and instructional/behavioral practices of inclusive classrooms at the secondary level. The practicum provides students with a view to how different theoretical perspectives manifest in actual schools and classroom settings.

EDUC 330 - Designs for Technology-Enhanced Learning - Elementary

(2) Corequisite(s): EDUC 406, EDUC 407, ECON 476, EDUC 477. Restricted to students in the teacher education program.
An introduction to computer-based and networked educational technologies, emphasizing instructional designs for their curriculum-based uses in teaching and learning.

EDUC 340 - Assessment of Learning

(1) Prerequisite(s): Admission to Teacher Education Program and; Admission to Professional Semester
A course designed to develop competence in constructing and employing valid and reliable assessments of student achievement at the classroom level.

EDUC 345 - Differentiating and Managing in Diverse Classrooms Practicum: Elementary

(1) Corequisite(s): EDUC 302, EDUC 303, EDUC 340, EDUC 411, EDUC 414, EDUC 415. Restricted to education majors
This course is a clinical practicum designed to acquaint students with the school personnel, policies, and instructional/behavioral practices of inclusive classrooms at the elementary level. The practicum provides students with a view to how different theoretical perspectives manifest in actual schools and classroom settings.

EDUC 400 - Problems in Education

(3) Prerequisite(s): Enrollment in School of Education program and consent of the instructor
A course designed for students who are capable of independent study under the direction of, and in consultation with, staff specialists. Students undertake study and research of educational problems of individual concern resulting from previous study or experience. Course may be repeated if topic varies

EDUC 405 - Elementary Social Studies Curriculum and Instruction

(2) Prerequisite(s): EDUC 330 *Corequisite(s):* EDUC 410, EDUC 412, EDUC 475
An exploration of the objectives, instructional strategies and evaluation of social studies education at the early and middle school levels. Included are experiences in the design of instructional materials for use in the classroom.

EDUC 406 - Elementary Science Curriculum and Instruction

(2) Corequisite(s): EDUC 330, EDUC 407, EDUC 476, EDUC 477. Open to students admitted to the Teacher Education program
A course designed to build fundamental knowledge of elementary science teaching and learning including standards-based curriculum design and research-based teaching strategies. The course focuses upon developing inquiry-based lessons for K-6 students.

EDUC 407 - Elementary Mathematics Curriculum and Instruction

(2) Corequisite(s): EDUC 406, EDUC 414, EDUC 415, EDUC 476, EDUC 477
Assists the beginning teacher to develop appropriate skills and knowledge for teaching mathematics at the early and middle school levels.

EDUC 410 - Elementary Reading/Language Arts Curriculum and Instruction

(5) Corequisite(s): EDUC 405, EDUC 412, EDUC 475. Restricted to Education majors
A course on the fundamentals of developmental and diagnostic reading/language arts instruction in elementary schools. Included

is study of the school literacy program from emergent literacy to reading in the content areas. Classroom diagnostic techniques and corrective methods are an integral part of the course.

EDUC 411 - Classroom Adaptations for Exceptional Student Populations (Elementary Education)

(1) Corequisite(s):

EDUC 302, EDUC 303, EDUC 340, EDUC 345, 411, EDUC 414, EDUC 415. Restricted to Education majors
This course prepares elementary education teachers to develop differentiated instruction for the individual learning needs of students in elementary classrooms who have disabilities, who are at-risk for school failure, or who are gifted/talented learners, as well as students who are culturally and linguistically diverse.

EDUC 412 - Reading and Language Arts Curriculum and Instruction (Practicum)

(1) Corequisite(s): EDUC 405, EDUC 410, EDUC 411, EDUC 475
This practica experience is designed to provide opportunities for students to observe and participate in reading and language arts instruction in an elementary or middle school classroom.

EDUC 414 - Student Teaching Seminar (Elementary Education)

(1) Corequisite(s): EDUC 302, EDUC 303, EDUC 340, EDUC 345, EDUC 411, EDUC 415
A seminar designed to provide students with an opportunity to reflectively refine their knowledge, decision-making and skills in coordinating instruction, classroom organization, management and discipline.

EDUC 415 - Supervised Teaching in Elementary Education

(7) Prerequisite(s): Admission to the Professional Semester *Corequisite(s):* EDUC 302, EDUC 303, EDUC 340, EDUC 345, EDUC 411, EDUC 414
A field-based experience designed to enable pre-service elementary teachers to become competent at the entry level in the roles, functions and skills of classroom teachers.

EDUC 418 - ESL Dual Endorsement Practicum

(1) Corequisite(s): One of the following courses--Elementary: EDUC 415; Secondary: EDUC 494, EDUC 495, EDUC 496, EDUC 497, EDUC 498.

This course is designed to provide English as a Second Language (ESL) pre-service teachers with opportunities to teach ESL lessons and to reflect on those lessons through post-observation conferences with a qualified University Supervisor.

EDUC 420 - Secondary English Curriculum and Instruction Practicum

(1) Corequisite(s): EDUC 441
A course designed to provide the prospective English teacher with structured opportunities to observe, reflect upon, and participate in the community and school culture in which they will be student teaching in the following semester.

EDUC 421 - Children's Literature

(3)
This course provides a thorough look at the field of children's literature including the value of children's books, criteria for selecting and evaluating children's books, a survey of the categories of children's literature and discussion of issues involving children's literature.

EDUC 425 - Trends and Legal Issues in Special Education

(3)
This is an introductory course which examines disabilities included in the Individuals with Disabilities Education Act (IDEA) and emphasizes relevant legislation and litigation which provides a foundation for current delivery of educational services. Course content also provides the opportunity to explore issues related to the education of other groups of exceptional students who might be at-risk for school failure because of special needs; i.e. gifted, limited English proficiency, culturally diverse, and socially maladjusted.

EDUC 429 - Secondary Mathematics Curriculum and Instruction Practicum

(1) Corequisite(s): EDUC 443
A field and university based course designed to provide students with an opportunity to reflectively apply and refine their skills and knowledge about the teaching of mathematics.

EDUC 434 - Secondary Foreign Language Curriculum and Instruction Practicum

(1) Corequisite(s): EDUC 442
A course designed to provide the prospective secondary teacher with opportunities to experience and reflect on the practices of foreign language education in the school and community setting.

EDUC 436 - Secondary Science Curriculum and Instruction Practicum

(1) Corequisite(s): EDUC 444
A field and university based course designed to provide students with a first opportunity to reflectively apply/refine their skills/ knowledge about the teaching of science as both a process and a product, as a way of knowing and as a body of knowledge.

EDUC 437 - Secondary Social Studies Curriculum and Instruction Practicum

(1) Corequisite(s): EDUC 440
A course designed to provide the prospective secondary teacher with opportunities to experience and reflect on the practices of social studies education in the school and community setting.

EDUC 438 - Instructional Planning in Secondary English

(2) Corequisite(s): EDUC 340, EDUC 438P, EDUC 449, EDUC 495. Restricted to Education majors
A five-week intensive campus and field-based course designed to provide students opportunities to apply and refine skills and knowledge about teaching and learning English. Guided by College faculty and a public school mentor, students continue the work begun in the methods course, designing units of instruction for use during their internship in supervised teaching.

EDUC 438P - Instructional Planning in Secondary English - Practicum

(1) Prerequisite(s): Field based experience coordinated with EDUC 438.

EDUC 439 - Instructional Planning in Secondary Mathematics

(2) Corequisite(s): EDUC 340, EDUC 439P, EDUC 450, EDUC 497. Restricted to Education majors
A field and university based course designed to provide students with an opportunity to reflectively apply and refine their skills and knowledge about the teaching of mathematics design, teaching and evaluation of their instruction practices.

EDUC 439P - Instructional Planning in Secondary Mathematics - Practicum

(1) Prerequisite(s): Field based experience coordinated with EDUC 439.

EDUC 440 - Curriculum and Instructional Methods (Social Studies)

(3) Corequisite(s): EDUC 309, EDUC 311, EDUC 312, EDUC 315, EDUC 437. Restricted to Education majors
A basic course in instructional methodology and an introduction to secondary social studies teaching methods and materials.

EDUC 441 - Curriculum and Instructional Methods (English)

(3) Corequisite(s): EDUC 309, EDUC 311, EDUC 312, EDUC 315, EDUC 434. Restricted to Education majors
A basic course in instructional methodology and an introduction to secondary English teaching methods and materials.

EDUC 442 - Curriculum and Instructional Methods (Foreign Language)

(3) Corequisite(s): EDUC 309, EDUC 311, EDUC 312, EDUC 315, EDUC 434. Restricted to Education majors
A basic course in instructional methodology and an introduction to PreK-12 foreign language teaching methods and materials.

EDUC 443 - Curriculum and Instructional Methods (Mathematics)

(3) Corequisite(s): EDUC 309, EDUC 311, EDUC 312, EDUC 315, EDUC 429. Restricted to Education majors
A basic course in instructional methodology and an introduction to secondary mathematics teaching methods and materials.

EDUC 444 - Curriculum and Instructional Methods (Science)

(3) Corequisite(s): EDUC 309, EDUC 311, EDUC 312, EDUC 315, EDUC 436. Restricted to Education majors
A basic course in instructional methodology and an introduction to secondary science teaching methods and materials.

EDUC 445 - Instructional Planning in Secondary Foreign Language

(2) Corequisite(s): EDUC 340, EDUC 445P, EDUC 451, EDUC 496
A five-week intensive campus and field-based course designed to provide students opportunities to apply and refine skills and knowledge about teaching and learning foreign languages. Students continue the work begun in the methods course, designing units of instruction and planning detailed lesson plans.

EDUC 445P - Instructional Planning in Secondary Foreign Language - Practicum

(1) Prerequisite(s): Field based experience coordinated with EDUC 445.

EDUC 446 - Instructional Planning in Secondary Science

(2) Corequisite(s): EDUC 340, EDUC 446P, EDUC 452, EDUC 498
A field and university based course designed to provide students with an opportunity to reflectively apply their skills, knowledge about the teaching of science as both a process and a product, to instructional design, teaching, reflection and evaluation of their teaching and the revision thereof.

EDUC 446P - Instructional Planning in Secondary Science- Practicum

(1) Prerequisite(s): Field based experience coordinated with EDUC 446.

EDUC 447 - Instructional Planning in Secondary Social Studies

(2) Corequisite(s): EDUC 340, EDUC 447P, EDUC 454, EDUC 494
A field and campus based course designed to provide students with an opportunity to make thoughtful decisions, with the help of College faculty and public school mentor about planning and instruction immediately prior and during the first five weeks of student teaching.

EDUC 447P - Instructional Planning in Secondary Social Studies - Practicum

(1) Prerequisite(s): Field based experience coordinated with EDUC 447.

EDUC 449 - Secondary Curriculum and Instruction Seminar (English)

(1) Corequisite(s): EDUC 340, EDUC 438, EDUC 438P, EDUC 495
A course designed to provide secondary English student teachers with opportunities to refine their teaching and learning through analysis, reflection, and discussion of their own behavior as teachers and the behaviors of teachers, students, and other school personnel.

EDUC 450 - Secondary Curriculum and Instruction Seminar (Mathematics)

(1) Corequisite(s): EDUC 340, EDUC 439, EDUC 439P, EDUC 497
A field and university based course designed to provide students with an opportunity to reflectively apply and refine their skills and knowledge about the teaching of mathematics.

EDUC 451 - Secondary Curriculum and Instruction Seminar (Foreign Language)

(1) Corequisite(s): EDUC 340, EDUC 445, EDUC 445P, EDUC 496
A course designed to provide PreK-12 foreign language student teachers with opportunities to refine their teaching and learning through analysis, reflection, and discussion of their own behavior as teachers and the behaviors of teachers, students, and other school personnel

EDUC 452 - Secondary Curriculum and Instruction Seminar (Science)

(1) Corequisite(s): EDUC 340, EDUC 446, EDUC 446P, EDUC 498
A field and university based course designed to provide students with an opportunity to reflectively refine their skills/knowledge about the teaching of science as both a process and a product, as a way of knowing and as a body of knowledge.

EDUC 453 - Characteristics and Accommodations for Students with Mild/Moderate Disabilities in the General Curriculum

(3)
Characteristics of students with learning and emotional disabilities, traumatic brain injury, and other health impairments participating in the general education curriculum: Definitions, terminology, contributing factors, support needs, and techniques for identifying children and youth with these disabilities are addressed. The impact of these conditions on learning and performance as well as instructional accommodations and service delivery options are examined.

EDUC 454 - Secondary Curriculum and Instruction Seminar (Social Studies)

(1) Corequisite(s): EDUC 340, EDUC 447, EDUC 447P, EDUC 494
A course designed to provide student teachers with an opportunity to reflect upon ways they can apply and refine their knowledge and skills about the teaching of social studies.

EDUC 456 - Characteristics and Adaptations for Students with Developmental Disabilities and Autism Spectrum Disorders

(3)
A comprehensive overview of the diagnoses and characteristics of developmental delay, autism spectrum disorder, and intellectual disability. The impact characteristics have on students in the general education curriculum, and adaptations to enhance learning while emphasizing
individual goals and objectives are addressed.

EDUC 460 - Content Reading and Writing

(2) Corequisite(s): EDUC 461
This course is designed to develop in prospective teachers an understanding of the role of reading and writing in the content area disciplines. Course topics include developmental reading and writing in the content areas, instructional strategies with content area textbooks, and techniques for improving reading and writing in the content areas.

EDUC 461 - Content Reading and Writing Practicum

(1) Corequisite(s): EDUC 460
Students in the Secondary Education Teacher Licensure Program will select effective instructional literacy strategies and design and implement instructional lessons to enhance subject matter learning across the curriculum based on appropriate assessment information.

EDUC 470 - Leadership Theory and Application

(3)
This course aims to help students think critically about what makes for successful leaders in the public sector. Lessons and examples are drawn from history, communication studies, education, philosophy, sociology, and politics as well as from the field of social entrepreneurship. The class will explore the complex challenges that affect our communities today. This innovative curriculum combines rigorous academic work with a variety of site visits to locations and agencies throughout Washington DC. Through lectures, discussions, debates, readings and writing assignments, students will develop a deeper perspective from which to interpret, question, reflect upon, and engage with the underlying issues within engaged community leadership. (Cross-listed with INTR 470)

EDUC 475 - Elementary Social Studies Curriculum and Instruction Practicum

(1) Corequisite(s): EDUC 405, EDUC 410, EDUC 412
A course designed to provide the prospective elementary or middle school teacher with opportunities to experience and reflect on practices of social studies education in the school setting.

EDUC 476 - Elementary Science Curriculum and Instruction (Practicum)

(1) Corequisite(s): EDUC 330, EDUC 406, EDUC 407, EDUC 477. Restricted to Education majors
A course designed to provide students the opportunity to apply their beginning science teaching skills in the K-6 classroom. The course involves students in designing, implementing, and reflecting upon the implementation of science lessons for the purpose of developing concepts and strengthening thinking skills in science.

EDUC 477 - Elementary Mathematics Curriculum and Instruction (Practicum)

(1) Corequisite(s): EDUC 330, EDUC 406, EDUC 407, EDUC 476
A course designed to provide students with an opportunity to apply, refine and modify their preliminary beliefs about teaching mathematics.

EDUC 491 - Independent Study in Education

(Var.)
Hours and credits arranged. Independent study shall not substitute for regular required courses.

EDUC 494 - Internship in Supervised Teaching (Social Studies)

(7) Prerequisite(s): Admitted to professional semester *Corequisite(s):* EDUC 340, EDUC 447, EDUC 447P, EDUC 454
A field-experience course designed to enable pre-service secondary teachers to become competent at the entry level in the roles, functions and skills of classroom social studies teachers.

EDUC 495 - Internship in Supervised Teaching (English)

(7) Prerequisite(s): Admitted to professional semester *Corequisite(s):* EDUC 340, EDUC 438, EDUC 438P, EDUC 449
A field-experience course designed to enable pre-service secondary teachers to become competent at the entry level in the roles, functions and skills of classroom English teachers.

EDUC 496 - Internship in Supervised Teaching (Foreign Language)

(7) Prerequisite(s): Admitted to professional semester *Corequisite(s):* EDUC 340, EDUC 445, EDUC 445P, EDUC 451
A field-experience course designed to enable pre-service secondary teachers to become competent at the entry level in the roles, functions and skills of classroom foreign language teachers.

EDUC 497 - Internship in Supervised Teaching (Mathematics)

(7) Prerequisite(s): Admitted to professional semester *Corequisite(s):* EDUC 340, EDUC 439, EDUC 439P, EDUC 450
A field-experience course designed to enable pre-service secondary teachers to become competent at the entry level in the roles, functions and skills of classroom mathematics teachers.

EDUC 498 - Internship in Supervised Teaching (Science)

(7) Prerequisite(s): Admitted to professional semester *Corequisite(s):* EDUC 340, EDUC 446, EDUC 446P, EDUC 452
A field-experience course designed to enable pre-service secondary teachers to become competent at the entry level in the roles, functions and skills of classroom science teachers.

EDUC 499 - Seminar in Teaching

(2)
A course designed to provide student teachers with an opportunity to examine the teaching/learning situation through study of their own behavior as teachers, the behavior of other teachers and of students.

School of Marine Science/Virginia Institute of Marine Science [Back to Table of Contents]

Facilities

School of Marine Science students participate in graduate studies at an active, year round research facility with approximately 450 scientists, support technicians and staff. The 35-acre main campus of the School of Marine Science/Virginia Institute of Marine Science (SMS/VIMS) is located in Gloucester Point at the mouth of the York River, a major tributary and natural passageway to the Chesapeake Bay and Atlantic Ocean. Various service centers and special programs complement and enhance the student's experience.

Graduate Study Programs

Research at SMS/VIMS emphasizes the study of marine environments from estuaries to the open ocean, with special emphasis on coastal systems. Interdisciplinary programs are encouraged. In addition to teaching and conducting basic research, many faculty members are engaged in applied research of concern to industry and management agencies. Students often find that their assistantship duties and/or research activities offer opportunities that bring them in close contact with other departments at SMS and William & Mary, marine related industries, and state, regional, and federal management agencies.

Based on the primary academic and research disciplines represented at SMS/VIMS, graduate studies are offered in four major areas.

Undergraduate Opportunities

The undergraduate minor in Marine Science, which is jointly offered and administered by the School of Marine Science (SMS)/Virginia Institute of Marine Sciences (VIMS) and Arts & Sciences, provides interested students a coherent experience in this interdisciplinary field. For additional information, as well as the requirements for this minor, please refer to the Marine Science Minor section of this catalog. Though the courses offered by the School are primarily for graduate students, advanced undergraduates (juniors and seniors) may participate. For instance, Biology, Chemistry, Geology, and Physics majors may enroll in suitable 500-549 lower-level courses with the permission of the instructor. Undergraduates majoring in Chemistry, Geology, Physics, or Biology may work on a marine problem in his or her field of specialization. Consent of the chair of the student's major department is required to take problems courses in marine science.

As in most marine institutions, field research activities are accelerated in the summer. An opportunity exists, for example, for qualified rising junior and seniors to experience the intellectual stimulations and challenges of marine research through the School's Research and Experience for Undergraduates (REU) program, which runs from June through early August. During that period, interns live in a William & Mary residence hall and conduct research at the Gloucester Point campus. Information on applying for the REU program or other summer opportunities at SMS/VIMS is available at the following web address: http://www.vims.edu/education/interns.html

Preparatory Studies

Students who are interested in pursuing marine science as a profession should consult with their academic advisor or the Associate Dean of Academic Studies, School of Marine Science, early in their college careers to identify an academic program

that will prepare them for graduate study in marine science. Students interested in Biological Sciences, Aquatic Health Sciences, or Fisheries Science should have a strong background in basic science, including a suite of contemporary biology courses, physics and chemistry (through organic), and mathematics through calculus and differential equations. The prospective Chemical, Geological or Physical Oceanography student should have an undergraduate degree with appropriate course work in chemistry, geology or related geophysical science, physics, meteorology, mathematics or engineering, and a solid quantitative background. Course work in statistics and competence with computers are particularly important.

Graduate Program Information

For graduate admission and degree requirements and a full description of courses in marine science, review the electronic catalog at http://www.vims.edu/education/graduate/coursecatalog/index.php.