

# UNDERGRADUATE EDUCATION AT GW

An undergraduate education at GW provides students with a wide range of opportunities to pursue both professional and liberal arts degrees. These degrees ensure that students leave the University with a body of knowledge that shows a depth of understanding in at least one field. In addition, the General Education Requirement that is common to the education of students in all schools of the University, ensure that students develop key analytical abilities that transcend disciplinary boundaries. These analytical abilities provide students with cornerstones for their personal development, civic consciousness, and successful careers.

To earn an undergraduate degree, students must:

- Complete at least 120 credits,
- Fulfill the University General Education Requirement (Tier One),
- Fulfill school-specific general education and distribution requirements (Tier Two), and
- Fulfill the requirements of at least one major in their home school (Tier Three).

## Tier One: General Education Requirements

All undergraduate students at GW are required to fulfill Tier One of the University's General Education Requirement. The General Education curriculum trains students to engage in active intellectual inquiry across a variety of disciplines by developing a range of analytical skills, including critical thinking, creative thinking, quantitative reasoning, and scientific reasoning.

- **Critical thinking** refers to the analysis and evaluation of complex information (systems of theory or thought) as well as the formulation of logical arguments based on that analysis.
- **Creative thinking** refers to the creation of new or original work, whether it be the creation of new scientific work, an artistic creation, or a new scholarly argument based on a set of findings.
- **Quantitative reasoning** refers to the process of modeling problems of the real world within a formal abstract system, solving those problems using systematic numerical methods of analysis, and interpreting the results.
- **Scientific reasoning** refers to consistent, logical thought patterns that are employed during the process of scientific inquiry that enables individuals to propose relationships between observed phenomena, design experiments to assess the validity of these relationships, and evaluate the results of these experiments, all using the tools, skills, and techniques of quantitative reasoning.

In addition to these elements of inquiry, students are trained to communicate effectively in both written and oral formats, not

only in their general education course sequence, but in their majors.

- The **written communication** requirement trains students in the effective use of language to express critical thinking that evaluates rhetorical situations, identifies significant lines of inquiry, investigates and analyzes available knowledge, and develops rigorous arguments appropriate to the intended audience.
- The **oral communication** requirement trains students in the effective interpretation, composition, and presentation of information, ideas, and values to a specific audience.

Only those courses that are designed specifically to meet the objectives outlined above, and that are assessed for their outcomes in these areas, count for general education credit.

While students learn these analytical and communicative skills in a range of disciplines, not all courses in each discipline are designed to teach these skills. Many courses are focused more on content or on other intellectual goals. It is expected that students will not only learn these skills in their general education courses, but also will employ them in their pursuit of their majors and, when they leave the University, their pursuit of their professions and participation in the world around them.

All students are required to take five Tier One courses (for a total of 15 to 16 credits) in a range of disciplines drawn from the social sciences, humanities, natural or physical sciences with a laboratory component, and mathematics or statistics.

- In some cases, these courses may be used to satisfy school-specific requirements and/or major requirements. Students should check with their schools and/or departments to determine which courses may be double counted.
- Students who are contemplating transferring from one school to another should carefully consult the Tier One requirements for the school of origin and the school of transfer to ensure that the general education courses selected for one school also count for the other school.

For their writing requirement, all students are required to take three courses: UW 1020 University Writing and two Writing in the Disciplines (WID) courses. WID courses are designated with a 'W' appended to the course number. WID courses may also fulfill general education, distribution, school-specific, or major requirements, if the courses are designated for that purpose. Students should check with their schools and/or departments to determine which courses may be double counted.

## Tier Two: School-Specific General Education and Distribution Requirements

In each school, students must fulfill additional general education or distribution requirements. These Tier Two requirements differ by school. Columbian College of Arts and Sciences (CCAS) provides a liberal arts education, and as such, requires additional general education courses that lead students to deepen the skills developed in Tier One

courses. GW School of Business (GWSB), the Elliott School of International Affairs (ESIA), and School of Engineering and Applied Science (SEAS) are professional schools. As such, they require different courses in Tier Two from those of a general liberal arts education, focusing their requirements on courses appropriate to the professional development of their students as outlined in Tier Three. The Milken Institute School of Public Health (GWSPH) is a hybrid school, offering both liberal arts and professional majors. As a result, GWSPH has limited Tier Two courses and, instead, differentiates additional requirements at the major-level (Tier Three).

**CCAS** requires additional general education courses at the Tier-Two level. Students continue to develop their skills in critical and creative thinking as well as quantitative and scientific reasoning. They also continue to develop skills in written communication and incorporate global and cross-cultural perspectives as well as civic engagement into some of their learning. Students take approximately 9 to 18 credits to satisfy remaining General Education Requirement in a variety of disciplines and with respect to global perspectives, civic engagement, and oral communication. The courses that satisfy this requirement can be found here (<https://advising.columbian.gwu.edu/general-education-courses/>).

**GWSB** requires that all students take BADM 1001 First Year Development Course I and BADM 1002 First Year Development Course II. Students take one additional course from the sciences. In addition, students must complete a minor program (or in the case of Finance, a second major) in a subject outside of GWSB. Minors are usually 18 credits, and majors are generally at least 30 credits. This requirement helps to ensure that GWSB students have a breadth of knowledge and creativity to complement their professional training.

**ESIA** requires a minimum of 19 credits at the Tier-Two level. These credits are included within the school's introduction to the major requirement. These courses, which are required for students in all five of ESIA's undergraduate programs, ensure that students are provided with foundational training in disciplines central to international affairs, including economics, history, political science, and anthropology or geography. Introduction to the major requirements also include the Elliott School's signature course, IAFF 1001 First-Year Experience.

ESIA also requires all students to fulfill 25 to 26 credits in the school's supporting courses in the liberal arts requirement. Many course options that fulfill these credits can be applied simultaneously to University-wide Tier One requirements, but technically are unique requirements within ESIA.

Specific information regarding introduction to the major and supporting courses in the liberal arts requirement can be found here (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/ba-international-affairs/#generalrequirementstext>). Students should consult their program's major requirements page here (<http://bulletin.gwu.edu/international-affairs/#undergraduatetext>)

for information about program-specific foreign language requirements

**SEAS** requires the course SEAS 1001 (Engineering Orientation) as well as three additional social science and humanities courses at the Tier-Two level to provide intellectual breadth for students. The courses that satisfy this distribution requirement can be found here (<http://bulletin.gwu.edu/engineering-applied-science/#Humanities>). Students are also required to take two additional mathematics courses and two additional science courses to provide adequate grounding for their engineering and computer science training. Depending on the major, bachelor of science (BS) students have additional requirements in mathematics and science.

**GWSPH** requires all students to take PUBH 1101 Introduction to Public Health and Health Services.

## Tier Three: Major Requirements for the Degree

Each school requires students to take the required courses for a major.

**CCAS:** Students are required to select a major and to successfully complete the courses needed to fulfill degree requirements for that major. BS and BA requirements vary by major. Information about program-specific Tier Three requirements can be found by visiting individual program major requirements pages here (<http://bulletin.gwu.edu/arts-sciences/#majorstext>).

**GWSB:** Students are required to select a major and to successfully complete courses needed to fulfill degree requirements for that major. Information about program-specific Tier Three requirements can be found by visiting individual program major requirements pages here (<http://bulletin.gwu.edu/business/#undergraduatetext>).

**ESIA:** All ESIA students must demonstrate third-year proficiency in a foreign language and to take school-specific regional foundations courses to develop an understanding of diverse international cultures. The specific means of fulfilling language and regional foundations requirements differ across regional and non-regional programs (e.g., BA and BS in International Affairs students need to fulfill ESIA advanced fundamentals requirements while others do not). All students are required to select a major and to successfully complete the courses needed to fulfill degree requirements for that major. The Elliott School's BS degree, as opposed to its BA degrees, generally requires completion of an additional 18 credits in approved upper-level (2000-level or above) STEM coursework. Information about program-specific Tier Three requirements can be found by visiting individual program major requirements pages here (<http://bulletin.gwu.edu/international-affairs/undergraduate-programs/>).

**SEAS:** Students are required to select a major and to successfully complete courses needed to fulfill degree

requirement for that major. All students are required to complete a capstone project. Information about program-specific Tier Three requirements and recommended program of study for each major can be found by visiting individual program major requirements pages here (<http://bulletin.gwu.edu/engineering-applied-science/#undergraduatetext>).

**GWSPH:** Students are required to select a major and to successfully complete the courses needed to fulfill degree requirements for that major. Exercise science students also have the option to select a concentration. Requirements differ across majors and concentrations. In addition, students may have non-GWSPH prerequisites attached to courses required for their major or concentration. Information about program-specific Tier Three requirements can be found on individual program major requirements pages here (<http://bulletin.gwu.edu/public-health/#undergraduatetext>).

## TIER ONE COURSES

All students are required to take five Tier One courses (for a total of 15 to 16 credits) in a range of disciplines drawn from the social sciences, humanities, natural or physical sciences with a laboratory component, and mathematics or statistics.

- In some cases, these courses may be used to satisfy school-specific requirements and/or major requirements. Students should check with their schools and/or departments to determine which courses may be double counted.
- Students who are contemplating transferring from one school to another should carefully consult the Tier One requirements for the school of origin and the school of transfer to ensure that the general education courses selected for one school also count for the other school.

For their writing requirement, all students are required to take three courses: UW 1020 (<http://bulletin.gwu.edu/search/?P=UW%201020/>) University Writing and two Writing in the Disciplines (WID) courses, for a total of 10 credits. WID courses are designated with a 'W' appended to the course number. WID courses may also fulfill general education, distribution, school-specific, or major requirements, if the courses are designated for that purpose. Students should check with their schools and/or departments to determine which courses may be double counted.

### Written communication

Code	Title	Credits
UW 1020	University Writing	
or HONR 1015	Honors Seminar: UW 1020: Origins and Evolution of Modern Thought	

### Critical, creative, or quantitative analysis in the social sciences

Code	Title	Credits
ANTH 1002	Sociocultural Anthropology	
or ANTH 1002W	Sociocultural Anthropology	
ANTH 1003	Archaeology	
ANTH 1004	Language in Culture and Society	
ANTH 2008	Foundations of Anthropological Thought	
or ANTH 2008W	Foundations of Anthropology	
ANTH 2502	Anthropology of Science and Technology: Twenty-First-Century Brave New Worlds	
ANTH 3502	Cultural Ecology	
ANTH 3704	Cultures of Southeast Asia	
ANTH 3838	Theory and Practice in Archaeology	
or ANTH 3838W	Theory and Practice in Archaeology	
COMM 1025	Introduction to Communication Studies	
COMM 1040	Public Communication	
COMM 1041	Interpersonal Communication	
ECON 1011	Principles of Economics I	
ECON 1012	Principles of Economics II	
GEOG 1001	Introduction to Human Geography	
GEOG 1003	Society and Environment	
HONR 2043	Honors Microeconomics	
HONR 2044	Honors Macroeconomics	
HONR 2047	Self and Society Seminar	
or HONR 2047W	Self and Society Seminar	
PSC 1001	Introduction to Comparative Politics	
or PSC 1001W	Introduction to Comparative Politics	
PSC 1002	Introduction to American Politics and Government	
or PSC 1002W	Introduction to American Politics and Government	
PSC 1011	Introduction to Politics I	
PSC 1012W	Introduction to Politics II	

PSYC 2011	Abnormal Psychology *
or PSYC 2011W	Abnormal Psychology
PSYC 2012	Social Psychology *
PSYC 2012	Social Psychology *
PSYC 2013	Developmental Psychology *
PSYC 2014	Cognitive Psychology *
PSYC 2015	Biological Psychology *
SMPA 1050	Media in a Free Society
SMPA 2101	Journalism: Theory & Practice
SMPA 2102	Introduction to Political Communication
SOC 1002	The Sociological Imagination
SOC 2101	Social Research Methods
SOC 2102	Techniques of Data Analysis
SOC 2104	Contemporary Sociological Theory
or SOC 2104W	Contemporary Sociological Theory
SPHR 1071	Foundations of Human Communication
or SPHR 1071W	Foundations of Human Communication
SPHR 1072	Multicultural Issues in Human Communication
SPHR 1084	Perspectives in Deaf Culture
SUST 1001	Introduction to Sustainability
UNIV 1005	

\* PSYC 1001 is a prerequisite for all psychology (PSYC) courses.

### Scientific reasoning

Code	Title	Credits
ANTH 1001	Biological Anthropology	
ANTH 3412	Hominin Evolution	
ASTR 1001	Stars, Planets, and Life in the Universe	
ASTR 1002	Origins of the Cosmos	
BISC 1005	The Biology of Nutrition and Health <sup>1</sup>	
BISC 1006	The Ecology and Evolution of Organisms <sup>1</sup>	
BISC 1007	Food, Nutrition, and Service <sup>1</sup>	

BISC 1008	Understanding Organisms through Service Learning <sup>1</sup>
BISC 1111 & BISC 1112	Introductory Biology: Cells and Molecules and Introductory Biology: The Biology of Organisms
BISC 1115 & BISC 1125	Introductory Biology: Cells and Molecules and Introduction to Cells and Molecules Laboratory
BISC 1116 & BISC 1126	Introductory Biology: The Biology of Organisms and Introduction to Organisms Laboratory
BISC 1120	Laboratory Introduction to Biomolecular Research
CHEM 1003	Contemporary Science for Nonscience Majors
CHEM 1004	Contemporary Science for Nonscience Majors
CHEM 1111	General Chemistry I
CHEM 1112	General Chemistry II
GEOG 1002	Introduction to Physical Geography
GEOL 1001	Physical Geology <sup>2</sup>
GEOL 1002	Historical Geology
GEOL 1005	Environmental Geology <sup>2</sup>
HONR 1033	Honors Seminar: Scientific Reasoning and Discovery
HONR 1034	Honors Seminar: Scientific Reasoning and Discovery
PHYS 1003	Physics for Future Presidents
PHYS 1007	Music and Physics
PHYS 1011	General Physics I
PHYS 1012	General Physics II
PHYS 1021	University Physics I
PHYS 1022	University Physics II
PHYS 1025	University Physics I with Biological Applications
PHYS 1026	University Physics II with Biological Applications

<sup>1</sup> BISC 1005 (<http://bulletin.gwu.edu/search/?P=BISC%201005/>) and BISC 1007 are equivalent courses and BISC 1006 (<http://bulletin.gwu.edu/search/?P=BISC%201006/>) and BISC 1008 (<http://bulletin.gwu.edu/search/?P=BISC%201008/>) are equivalent courses. Credit cannot be earned for both.

<sup>2</sup>GEOL 1001 (<http://bulletin.gwu.edu/search/?P=GEOL%201001/>) and GEOL 1005 (<http://bulletin.gwu.edu/search/?P=GEOL%201005/>) are equivalent courses. Credit cannot be earned for both.

### Critical or creative analysis in the humanities

Code	Title	Credits
AMST 1050	Explorations in American Culture	
AMST 1160	Race, Gender, and Law	
AMST 1200	The Sixties in America	
AMST 2010	Early American Cultural History	
AMST 2011	Modern American Cultural History	
AMST 2020	Washington, DC: History, Culture, and Politics	
or AMST 2020W	Washington, DC: History, Culture, and Politics	
AMST 2120W	Freedom in American Thought and Popular Culture	
AMST 2210	The African American Experience	
AMST 2320	U.S. Media and Cultural History	
AMST 2350	U.S. Religion and Politics	
AMST 2380	Sexuality in U.S. History	
AMST 2385	Sex and Citizenship	
or AMST 2385W	Sex and Citizenship	
AMST 2410	Twentieth Century U.S. Immigration	
AMST 2430	Capitalism and Culture	
AMST 2440	The American City	
AMST 2520	American Architecture I	
AMST 2521	American Architecture II	
AMST 2600	U.S. Popular Music and Culture	
AMST 2610	Science, Technology, and Politics in Modern America	
or AMST 2610W	Science, Technology, and Politics in Modern America	

AMST 2620	Human Mind and Artificial Intelligence
AMST 2630	Discovering the Mind
AMST 2710	The United States in Global Context, 1898-Present
AMST 2730	World War II in History and Memory
or AMST 2730W	World War II in History and Memory
AMST 2750W	Latinos in the United States
AMST 3352	U.S. Women's History to 1865
or AMST 3352W	U.S. Women's History to 1865
ANTH 2750	Latinos in the United States
or ANTH 2750W	Latinos in the United States
CHIN 3111	Chinese Literature in Translation I
CHIN 3112	Chinese Literature in Translation II
CHIN 3123	Introduction to Chinese Linguistics
CHIN 3124	Introduction to Chinese Linguistics
CHIN 3163	Taiwanese Literature and Film
CHIN 3173	Chinese Drama and Theatre
CLAS 1001	Ancient Mediterranean Civilizations
CLAS 2107	Families and Politics in Ancient Drama
EALL 3811	Confucian Literature in East Asia
EALL 3814	Religion and Philosophy in East Asia
or EALL 3814W	Religion and Philosophy in East Asia
ENGL 1050	Introduction to Literary Studies
ENGL 1300	The Bible as Literature
ENGL 1315	Literature and the Financial Imagination
ENGL 1320	Literature of the Americas
or ENGL 1320W	Literature of the Americas
ENGL 1330	Myths of Britain
or ENGL 1330W	Myths of Britain
ENGL 1340	Essential Shakespeare
or ENGL 1340W	Essential Shakespeare
ENGL 1351	Shakespeare Seminar
ENGL 1360	Fantasy and Speculative Fiction

ENGL 1365	Literature and the Environment	FREN 3500	Race, Religion, and Identity in France
ENGL 2100	Introduction to Asian American Studies through Literature	FREN 3700	History of French Cinema
ENGL 2410	Introduction to English Literature I	FREN 4540	Nineteenth-Century French Literature and Culture
or ENGL 2410W	Introduction to English Literature I	GER 2091	Introduction to German Literature—in English I
ENGL 2411	Introduction to English Literature II	GER 2092	Introduction to German Literature—in English II
or ENGL 2411W	Introduction to English Literature II	GER 2161	German Culture—in English I
ENGL 2510	Introduction to American Literature I	GER 2162	German Culture—in English II
or ENGL 2510W	Introduction to American Literature I	GER 3182	The Fairy Tale from the Grimms to Disney
ENGL 2511	Introduction to American Literature II	GER 3187	German Cinema after 1945
or ENGL 2511W	Introduction to American Literature II	GREK 1001	Beginning Classical Greek I
ENGL 2610	Introduction to Black Literature of America I	HEBR 1001	Beginning Hebrew I
or ENGL 2610W	Introduction to Black Literature of America I	HIST 1011	World History, 1500-Present
ENGL 2611	Introduction to Black Literature of America II	HIST 1020	Approaches to Women's History
or ENGL 2611W	Introduction to Black Literature of America II	HIST 1110	European Civilization in Its World Context
ENGL 2710	Postcolonialism, Race, and Gender in Global Anglophone Literature and Film	HIST 1120	European Civilization in Its World Context
or ENGL 2710W	Postcolonialism, Race, and Gender in Global Anglophone Literature and Film	or HIST 1120W	European Civilization in its World Context
ENGL 2711	Postcolonialism and Migration in Global Anglophone Literature and Film	HIST 1121	The War of Ideas in European and International History, 1750-Present
or ENGL 2711W	Postcolonialism and Migration in Global Anglophone Literature and Film	HIST 1310	Introduction to American History
ENGL 3400	Topics in Literature and Finance	HIST 1311	Introduction to American History
ENGL 3446	Shakespearean London	HIST 2010	Early American Cultural History
ENGL 3621	American Poetry II	HIST 2011	Modern American Cultural History
ENGL 3730	Topics in Global Postcolonial Literature and Film	HIST 2020	Washington, DC: History, Culture, and Politics
or ENGL 3730W	Topics in Global Postcolonial Literature and Film	or HIST 2020W	Washington, DC: History, Culture, and Politics
ENGL 3910	Disability Studies	HIST 2050	History of Jewish Civilization: From the Bible to Modernity
ENGL 3918	Literature and Medicine	HIST 2060	Modern Jewish History
FREN 2006	Language, Culture, and Society II	HIST 2124	Nineteenth-Century Europe
FREN 2500	Cultural Politics of Food in France	HIST 2125	Twentieth-Century Europe

HIST 2131	History of England Since 1689	or HIST 3811W	The Middle East in the Twentieth-Century
HIST 2141	History of France Since 1789	HONR 1016	Honors Seminar: Origins and Evolution of Modern Thought
HIST 2160	History of Germany	HONR 2053	Arts and Humanities Seminar
HIST 2312	The American Civil War and Reconstruction, 1850-1877	or HONR 2053W	Arts and Humanities Seminar
HIST 2313	History of the American West	ITAL 4100	The Italian American Experience
HIST 2320	U.S. Media and Cultural History	ITAL 4184	Contemporary Italian Cinema
HIST 2321	U.S. History, 1890-1945	ITAL 4380	Italian Journeys Medieval to Postmodern
HIST 2322	U.S. History since 1945	JAPN 3111	Japanese Literature in Translation I
HIST 2350	U.S. Religion and Politics	JAPN 3112	Japanese Literature in Translation II
HIST 2380	Sexuality in U.S. History	JSTD 2060	Modern Jewish History
HIST 2410	Twentieth-Century U.S. Immigration	KOR 3111	Korean Literature in Translation
HIST 2440	The American City	KOR 3112	Korean Literature in Translation
or HIST 2440W	The American City	KOR 3123	Introduction to Korean Linguistics
HIST 2520	Africans in the Making of the Atlantic World	KOR 3124	Introduction to Korean Linguistics
HIST 2610	Science, Technology, and Politics in Modern America	LATN 2001	Intermediate Latin
or HIST 2610W	Science, Technology, and Politics in Modern America	LATN 3001	Major Latin Authors I
HIST 2630	History of Korea	or LATN 3001W	Major Latin Authors I
HIST 2730	World War II in History and Memory	LATN 3002	Major Latin Authors II
or HIST 2730W	World War II in History and Memory	or LATN 3002W	Major Latin Authors II
HIST 2811	The Formation of Islam to 1500	PHIL 1051	Introduction to Philosophy
HIST 2850	Modernization in Russia, Turkey, and Iran	PHIL 1153	The Meaning of Mind
HIST 3044W	The Price of Freedom: Normandy 1944	PHIL 2124	Philosophies of Disability
HIST 3352	U.S. Women's History to 1865	or PHIL 2124W	Philosophies of Disability
or HIST 3352W	U.S. Women's History to 1865	PHIL 2125	Philosophy of Race and Gender
HIST 3353	U.S. Women's History II	or PHIL 2125W	Philosophy of Race and Gender
HIST 3360	African American History to 1865	PHIL 2131	Ethics: Theory and Applications
HIST 3361	African American History Since 1865	PHIL 2132	Social and Political Philosophy
HIST 3611	History of Modern China	or PHIL 2132W	Social and Political Philosophy
HIST 3811	The Emergence of the Modern Middle East	PHIL 2133	Philosophy and Nonviolence
		PHIL 2134	Philosophy of Human Rights
		PHIL 2136	Contemporary Issues in Ethics

PHIL 2140	Philosophy of Love, Sex, and Friendship
PHIL 2281	Philosophy of the Environment
PHIL 3142	Philosophy of Law
or PHIL 3142W	Philosophy of Law
PHIL 3151	Philosophy of Science
PHIL 3153	Mind, Brain, and Artificial Intelligence
PSC 2120W	Freedom in American Thought and Popular Culture
PSTD 1010	Introduction to Peace Studies and Conflict Resolution
REL 1010	The New Testament
or REL 1010W	The New Testament
REL 2165	The Gospels
REL 2169	Lost Gospels
REL 2201	Judaism
REL 2301	Christianity
REL 2314	Contemporary Philosophy of Religion
REL 2401	Islam
REL 2501	Hinduism
REL 2562	Mythologies of India
REL 2811	Confucian Literature in East Asia
REL 2814	Religion and Philosophy in East Asia
REL 2981	Women in Western Religion
REL 3149	Biblical Issues
or REL 3149W	Biblical Issues
REL 3151	The Historical Jesus
or REL 3151W	The Historical Jesus
REL 3161	The Life and Thought of Paul
or REL 3161W	The Life and Thought of Paul
REL 3405	Shi'ite Islam
REL 3614	Buddhist Philosophy
REL 3923	Violence and Peace in Judaism, Christianity, and Islam
SLAV 2310	The Russian Media Since Communism

SPAN 2005	Advanced Spanish I
SPAN 2006	Advanced Spanish II
SPAN 2056	Intensive Advanced Spanish
SPAN 3100	Readings in Spanish and Latin American Literature
UNIV 1006	
WGSS 1020	Approaches to Women's History
WGSS 2225	Philosophy of Race And Gender
WGSS 2380	Sexuality in U.S. History
WGSS 2385	Sex and Citizenship
or WGSS 2385W	Sex and Citizenship
WGSS 3352	U.S. Women's History to 1865
WGSS 3353	U.S. Women's History II
WGSS 3981	Women in Western Religion
WLP 1020	Writing, Literature, and Society

Language courses require placement examinations.

### Quantitative reasoning

Code	Title	Credits
MATH 1007	Mathematics and Politics	
MATH 1008	History of Mathematics	
MATH 1009	Mathematical Ideas I	
MATH 1010	Mathematical Ideas II	
MATH 1051	Finite Mathematics for the Social and Management Sciences	
MATH 1221	Calculus with Precalculus II	
MATH 1231	Single-Variable Calculus I	
MATH 1232	Single-Variable Calculus II	
MATH 1252	Calculus for the Social and Management Sciences	
MATH 2233	Multivariable Calculus	
STAT 1051	Introduction to Business and Economic Statistics	
STAT 1053	Introduction to Statistics in Social Science	
STAT 1111	Business and Economic Statistics I	



STAT 1127	Statistics for the Biological Sciences
-----------	--

STAT 2112	Business and Economic Statistics II
-----------	-------------------------------------

STAT 2118	Regression Analysis
-----------	---------------------

\*MATH 1221, MATH 1231, and MATH 1252 are equivalent courses. STAT 1051, STAT 1053, STAT 1111, and STAT 1127 are equivalent courses. Credit cannot be earned for more than one in either group.