



CHAPTER 5

GENERAL EDUCATION REQUIREMENTS

CORE LIBERAL ARTS AND SCIENCES STUDIES PROGRAM (CORE) General Education Program and Requirements

Office of the Dean for Undergraduate Studies
2130 Mitchell Building, (301) 405-9359
<http://www.inform.umd.edu/GenEd>

A strong liberal education is critical for the development of effective leaders for the 21st century.
—Robert L. Hampton,
Associate Provost and Dean for Undergraduate Studies
University of Maryland

To earn a baccalaureate at the University of Maryland all students complete both a major course of study and a campus-wide general education program.

The Purpose of General Education

Participation in a democratic society requires more than the central instruction provided by one major field of study. In our world of rapid economic, social, and technological change, a strong and broadly-based education is essential.

General education helps students achieve the intellectual integration and awareness they need to meet challenges in their personal, social, political, and professional lives. General education courses introduce the great ideas and controversies in human thought and experience. These courses provide the breadth, perspective, and rigor that allow Maryland graduates to claim to be “educated people.”

Most Americans change their careers three times during their lifetime. A solid general education provides a strong foundation for the life-long learning that makes career-change goals attainable.

General Education at UMCP = CORE Liberal Arts and Sciences Studies

- **CORE** makes up about one-third of your undergraduate courses.
- **CORE** helps you choose or change your major and the shape of your whole life by introducing you to new ways of viewing yourself and the world around you.
- **CORE** offers one of the best opportunities you will ever have to explore different fields of study.

Get the Most Out of CORE

- **PLAN** ahead and see an academic adviser regularly.
- **INVEST** in yourself; select CORE courses that will add to your understanding and appreciation of social, cultural, national, and international issues in the years ahead.
- **EXPLORE** the wide range of opportunities offered by the university as well as the speakers, events, theaters, museums, galleries, libraries, and many more general education resources outside the classroom.

The Core Liberal Arts and Sciences Studies Program (CORE) has been the required general education program at UMCP since Fall 1990. (See “Who Completes CORE.”)

CORE Liberal Arts and Sciences Studies Program

The **CORE** Program strategically builds a sound skill and knowledge base over the student's years of baccalaureate study and represents approximately one-third of the total academic work completed for graduation.

At Maryland, the **CORE** Program has four major components:

FUNDAMENTAL STUDIES build competence and confidence in basic writing and mathematics. Mastery of these basics greatly enhances success both during and after college. Students begin fulfilling Fundamental Studies requirements in their first year at the university.

DISTRIBUTIVE STUDIES introduce broad areas of learning in many disciplines. Through these courses, students explore different kinds of knowledge and the very nature of scholarship in the humanities, arts, natural sciences, mathematics, social sciences, and history. Students generally pursue Distributive Studies in the first two years of their course work.

ADVANCED STUDIES allow students to enhance their degree and strengthen their critical thinking and writing skills by taking two upper-level courses outside their major after 56 credits. Students may substitute an approved CORE Capstone course in their major (after 86 credits) or a senior or honors thesis for one of these two courses.

HUMAN CULTURAL DIVERSITY encourages all members of our diverse undergraduate community to learn about attitudes and cultures different from their own. Students may complete the Cultural Diversity requirement at any time before graduation.

CORE Program Outline

Courses used to fulfill CORE Fundamental and Distributive Studies Requirements:

- MUST be selected from the approved CORE course lists.
- MAY also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists.
- MAY NOT be taken on a Pass-Fail basis.

I. CORE Fundamental Studies

Three Courses (9 credits) Required

1. One course in Introduction to Writing (Must be attempted within the first 30 credits; must be passed within the first 60 credits.)

Approved CORE Introduction to Writing Courses:

(Select the appropriate course based on requirements listed.)

- ENGL 101 Introduction to Writing
 ENGL 101A Introduction to Writing (Must be taken if student has TSWE [SAT verbal subtest] score below 33)
 ENGL 101H Introduction to Writing (Honors Students)
 ENGL 101X Introduction to Writing (Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following:
 (1) 550 or above on the TOEFL, *OR*
 (2) 220 or above on the Maryland English Institute Program (MEIP) exam administered at the College Park campus by the Maryland English Institute (MEI), *OR*
 (3) successful completion of the MEI's semi-intensive course in English.

Note: Based on scores from either the TOEFL or MEIP, students may be required to complete a program of English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.

Exemptions from Introduction to Writing requirement:

- AP English Language and Composition test score of 4 or 5, *OR*
- SAT verbal score 670 or above. (In April 1995, the Educational Testing Service recentered the scores on the SAT. Students whose test scores are from before April 1995 must have received a score of 600 or above to be exempt from Freshman Writing. This recentering does not reflect a raising of the requirement for exemption, but a change in the scoring system used by ETS.)

2. One course in Mathematics (Must be attempted within the first 30 credits; must be passed within the first 60 credits.)

Approved CORE Fundamental Studies Mathematics Courses:

- MATH 110 Elementary Mathematical Models; *OR*
 MATH 113 College Algebra with Applications; *OR*
 MATH 115 Pre-calculus; *OR*
 Any 100- or 200-level MATH or STAT course except MATH 210 and MATH 211

Exemptions from Mathematics requirement:

- SAT math score of 600 or above; *OR*
- College Board Achievement Test in Mathematics, Level I or II score of 600 or above; *OR*
- AP score of 3 or above in Calculus AB or BC; *OR*
- CLEP General Mathematics Exam, score of 560 or higher; or CLEP Calculus/Elementary Functions Exam, score of 47 or higher; or any other CLEP Mathematics Subject Exam, score of 60 or higher.

3. One course in Professional Writing (Taken after reaching junior standing [at least 56 credits].)

Approved CORE Professional Writing Courses:

(Select the appropriate course based on requirements or interests listed.)

- ENGL 391 Advanced Composition
 ENGL 391H Advanced Composition (Honors Students)
 ENGL 391X Advanced Composition (English as a Second Language)
 ENGL 392 Advanced Composition (Pre-Law)
 ENGL 393 Technical Writing
 ENGL 393H Technical Writing (Honors Students)
 ENGL 393X Technical Writing (English as a Second Language)
 ENGL 394 Business Writing
 ENGL 395 Technical Writing (Pre-Med and Health careers)

Exemption from Professional Writing Requirement:

- Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering. All Engineering majors must take ENGL 393.

Note: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam. Professional Writing courses cannot be used to fulfill Advanced Studies requirements.

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II. CORE Distributive Studies Requirements

Nine Courses (28 credits) Required

See lists of approved CORE courses in *Schedule of Classes*.

1. Humanities and the Arts—three courses required:

- One course from **Literature** list, and
- One course from **History or Theory of the Arts** list, and
- One more course from **Literature**, OR **History or Theory of the Arts**, OR **Humanities** lists

Note: There is no specific requirement for a course from the Humanities list.

2. Mathematics and the Sciences—three courses required:

- Up to two courses from **Physical Sciences** list, and
- Up to two courses from **Life Sciences** list, and
- Up to one course from **Mathematics/Formal Reasoning** list

Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. Courses must be taken from at least two of the three lists. There is no specific requirement for a course from the Mathematics and Formal Reasoning list.

3. Social Sciences and History—three courses required:

- One course from **Social or Political History** list, and
- Two courses from **Behavioral and Social Sciences** list

It is not enough to offer a smorgasbord of courses. We must insure that students are not just eating at one end of the table.

—A. Bartlett Giamatti

III. CORE Advanced Studies

Two Courses (6 credits) Required

The CORE Advanced Studies requirement allows you to choose your two Advanced Studies courses from a wide range of upper-level offerings outside your major. Please select courses that make sense in terms of your educational goals and interests, that increase your knowledge, and that strengthen your critical thinking and writing skills. Consult with faculty and contact your adviser for assistance in planning. A list of recommended courses is available from 2130 Mitchell Building, (301) 405-9359.

CORE Advanced Studies Requirement: Two upper-level (300- or 400-level) courses outside the major taken after 56 credits. Students may substitute a CORE-approved senior capstone course in their major taken after 86 credits, or a senior or honors thesis for **one** of the two required Advanced Studies courses. The other course **must** be outside the major. Students completing double majors or double degrees will have fulfilled the campus Advanced Studies requirement, unless their primary major or college has additional requirements.

The following may not be used to fulfill Advanced Studies requirements:

- Professional Writing courses (courses that meet the Fundamental Studies upper-level writing requirement);
- courses used to meet Distributive Studies requirements;
- internships, practica, or other experiential learning types of courses;
- courses taken on a pass/fail basis.

One independent studies course (minimum of three credits, outside the major) may be used toward Advanced Studies requirements as long as it is consistent with the rules above **and** the faculty member supervising the independent study agrees that it is appropriate for Advanced Studies.

If you have questions about the requirements, call the Office of Undergraduate Studies at (301) 405-9359.

Notes: CORE Capstone courses must be taken within the major and after reaching senior standing (86 credits). A senior thesis (minimum of 3 credits) or successful completion and defense of an honors thesis in either the General Honors or a Departmental Honors Program (minimum of 3 credits) counts as CORE Capstone credit.

IV. CORE Human Cultural Diversity

One Course (3 credits) Required

See list of approved CORE Diversity courses in *Schedule of Classes*.

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity.

Note: A number of CORE Human Cultural Diversity courses also satisfy CORE Distributive Studies, Advanced Studies, or a college, major, and/or supporting area requirement.

...All life is interrelated, whatever affects one of us, affects all.
—Martin Luther King, Jr.

For complete CORE course lists and more information consult:

- *Schedule of Classes*, revised each semester.
<http://www.testudo.umd.edu/ScheduleOfClasses.html>

- **Inform** on-line information system updated regularly. (Access through student Workstations at Maryland [WAM] account. Campus visitors may use terminals in the Stamp Student Union and at other locations.) If you have access to the World Wide Web, the address for the CORE Liberal Arts and Sciences Studies Program (which includes current CORE approved course lists) is: <http://www.inform.umd.edu/GenEd>

- **CORE 101: A Student Guide to the CORE Program**, available from your college advising office, Undergraduate Studies (2130 Mitchell Building), or on reserve at the Reserve Desk, Ground Floor, Hornbake Library.

Who Completes CORE?

The CORE Program must be completed by all students who entered the University of Maryland, College Park, in May 1990 and thereafter who have earned eight or fewer credits from the University of Maryland, College Park, or any other college. Students who entered the university with nine or more credits earned before May 1990 from the University of Maryland, College Park, or any other college may complete their general education requirements under the University Studies Program (USP), subject to certain limitations. (See USP and "Statute of Limitations. . ." section below.) Advanced Placement (AP) and other examination-based credits will **not** be considered in these determinations.

University Studies Program (USP)

For detailed information about USP requirements, see undergraduate catalogs dated 1992 or earlier, or contact the CORE program at 2130 Mitchell Building, (301) 405-9359. Information on USP is also contained on the Inform system at: <http://www.inform.umd.edu/GenEd/.usp.html>.

NOTE: Students who graduate under USP requirements August 1994 and thereafter must fulfill the Advanced Studies requirements described in the Fall 1994 and subsequent catalogs. (See CORE Advanced Studies section above.)

Maryland Public Community College Students

For the purpose of determining which general education program is required (CORE or USP), students transferring to the University of Maryland from Maryland public community colleges shall be treated as if their registration dates were concurrent with enrollment at this university.

Statute of Limitations for Previous General Education Programs at UMCP (GEP, GUR, USP)

Undergraduate students who returned to the university after August 1987 no longer have the option of completing general education requirements under the older General Education Program (GEP) or the General University Requirements (GUR). Thereafter, following any substantive change in general education requirements (like the change in Fall 1990 from USP to CORE), undergraduate students returning or transferring to College Park after a separation of five continuous years must follow the requirements in effect at the time of re-entry. An exception may be granted to those students who at the time of separation had completed 60 percent of the general education requirements then in effect.

Approved Courses for the CORE Program

About the lists:

Please refer to the program description above for the requirements in each CORE Category.

1. These lists were current as of 2/8/99. Some additional courses may have been approved and some may have been deleted since that date. Please check the current Schedule of Classes and the online resources for the most current information on approved CORE courses being offered during a particular semester. A selection of the approved courses is offered each semester.

CORE Online <http://www.inform.umd.edu/GenEd/>
 Schedule of Classes <http://www.testudo.umd.edu/ScheduleOfClasses.html>

2. Some courses are approved for CORE for one semester only. This list, which offers special opportunities, changes each semester. It is listed in the current Schedule of Classes for the particular semester, however, these courses are often added after the Schedule goes to press so the online resources are the best reference for these special courses.
3. Course numbers and titles change from time to time. The online CORE and scheduling resources (see note 1. above for site addresses) will have the most current information on any changes.
4. In a particular semester, courses may be cross-listed or shared by more than one department and may appear under more than one course number. If cross-listed or shared courses are approved for CORE, this information will be available in the online listings. Frequent instances include courses in AASP, AMST, CMLT, and WMST.
5. Honors (HONR) courses are not included in the lists. For information about HONR courses that are approved for CORE, please refer to the online resources noted above. Other resources include the current "The University Honors Program Information and Course Description Booklet" and the University Honors Program website: <http://www.inform.umd.edu/HONR/>
6. For information about CORE Fundamental Studies courses, please see the Fundamental Studies section above.

CORE Distributive Studies

In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.

Humanities and the Arts Literature (CORE CODE: HL):

CHIN 213 Chinese Poetry into English: An Introduction (D)
 CLAS 100 Classical Foundations
 CLAS 170 Greek and Roman Mythology
 CLAS 270 Greek Literature in Translation
 CLAS 271 Roman Literature in Translation
 CMLT 235 Introduction to Literatures of the African Diaspora (also as ENGL 235) (D)
 CMLT 270 Global Literature and Social Change (D)
 CMLT 275 World Literature by Women (also as WMST 275) (D)
 CMLT 277 Literatures of the Americas (D)
 ENGL 201 Western World Literature: Homer to the Renaissance
 ENGL 202 Western World Literature: Renaissance to the Present
 ENGL 205 Introduction to Shakespeare
 ENGL 211 English Literature from Beginnings to 1800
 ENGL 212 English Literature from 1800 to the Present
 ENGL 221 American Literature: Beginning to 1865
 ENGL 222 American Literature: 1865 to the Present
 ENGL 234 Introduction to African-American Literature (D)
 ENGL 235 Introduction to the Literature of the African Diaspora (also as CMLT 235) (D)
 ENGL 240 Introduction to Fiction, Poetry and Drama
 ENGL 241 Introduction to the Novel
 ENGL 242 Introduction to Non-Fiction Prose
 ENGL 243 Introduction to Poetry
 ENGL 244 Introduction to Drama
 ENGL 250 Introduction to Literature by Women (also as WMST 255) (D)

ENGL 277 Mythologies: An Introduction
 ENGL 278S The American Short Story in Its World Context
 FREN 240 Masterworks of French Literature in Translation
 FREN 241 Women Writers of French Expression in Translation (also as WMST 241) (D)
 FREN 242 Black Writers of French Expression in Translation (D)
 FREN 250 Readings in French
 GERM 281 Women in German Literature and Society (also as WMST 281) (D)
 GERM 282 Germanic Mythology
 GERM 283 Viking Culture and Civilization (formerly GERM 383)
 GERM 284 Germanic Chivalric Culture (formerly GERM 384)
 GERM 285 German Film and Literature
 GERM 286 Ancient Indic Culture and Civilization (formerly GERM 371)
 GERM 287 Ancient Celtic Culture and Civilization (formerly GERM 372)
 ITAL 241 Modern Women Writers in Translation
 ITAL 251 Introduction to Italian Literature
 JWST 164 Reading the Bible: An Introduction to Critical Methods
 JWST 171 Modern Jewish Experience Through Literature (D)
 JWST 262 The Hebrew Bible: Narrative
 JWST 263 The Hebrew Bible: Poetry and Rhetoric
 JWST 272 Jewish Literature in Translation (formerly HEBR 231)
 PORT 228A Latin American Literature and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as SPAN 228A) (D)
 RUSS 221 Masterworks of Russian Literature I
 RUSS 222 Masterworks of Russian Literature II
 SPAN 221 Introduction to Literature
 SPAN 222 Cultural Difference in Contemporary Latin American Culture (D)
 SPAN 224 Violence and Resistance in the Americas (D)
 SPAN 228A Latin American Literature and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as PORT 228A) (D)

WMST 241 Women Writers of French Expression in Translation (also as FREN 241) (D)
 WMST 255 Introduction to Literature by Women (also as ENGL 250) (D)
 WMST 275 World Literature by Women (also as CMLT 275) (D)
 WMST 281 Women in German Literature and Society (also as GERM 281) (D)

Humanities and the Arts The History or Theory of the Arts (CORE CODE: HA):

AMST 205 Material Aspects of American Life
 ARCH 170 Introduction to the Built Environment
 ARCH 223 History of Non-Western Architecture (D)
 ARTH 100 Introduction to Art
 ARTH 200 Art of the Western World to 1300
 ARTH 201 Art of the Western World after 1300
 ARTH 250 Art and Archeology of Ancient America (D)
 ARTH 275 Art and Archaeology of Africa (D)
 ARTH 290 Art of Asia (D)
 ARTT 150 Introduction to Art Theory
 CMLT 214 Film, Form, and Culture
 CMLT 280 Film Art in a Global Society (D)
 DANC 200 Introduction to Dance (D)
 ENGL 245 Film and the Narrative Tradition
 MUSC 130 Survey of Music Literature
 MUSC 140 Music Fundamentals I
 MUSC 210 The Impact of Music on Life (D)
 MUSC 248A Musics of the World (D)
 MUSC 248C World Popular Musics and Gender (D)
 THET 110 Introduction to the Theatre
 THET 195 Gender and Performance (D)
 THET 240 African Americans in Film and Theatre (D)
 THET 290 American Theatre 1750-1890
 THET 291 American Theatre 1890-Present
 THET 293 Black Theatre and Performance I (D)
 THET 294 Black Theatre and Performance II (D)
 UNIV 118A Topics in Creativity: The Creative Drive
 WMST 250 Introduction to Women's Studies: Women, Art, and Culture (D)

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Humanities and the Arts

Humanities (CORE CODE: HO):

- AASP 200 African Civilization
 AMST 201 Introduction to American Studies
 AMST 203 Popular Culture in America
 AMST 204 Film and American Culture Studies
 AMST 211 Technology and American Culture
 ARHU 298A Medieval and Renaissance Humanism, Humanists, and Their World
 CHIN 202 Intermediate Written Chinese I
 CHIN 204 Intermediate Written Chinese II
 CHIN 205 Intermediate Chinese - Accelerated Track
 CMLT 291 International Perspectives on Lesbian and Gay Studies (D)
 EDPA 210 Historical and Philosophical Perspectives on Education
 ENGL 282 Introduction to Rhetorical Theory
 FREN 202 Honors Intermediate French (taught in French)
 FREN 203 Intermediate French
 FREN 204 Review Grammar
 GERM 201 Intermediate German I
 GERM 202 Intermediate German II
 GERM 280 German-American Cultural Contrast
 HIST 110 The Ancient World
 HIST 112 The Rise of the West: 1500-1789
 ITAL 203 Intermediate Italian
 ITAL 204 Review Grammar and Composition
 ITAL 261 Cuisine, Culture, and Society in Italy Yesterday and Today (Taught in Italian)
 ITAL 271 The Italian-American Experience
 JWST 128A The World of the Dead Sea Scrolls
 JWST 250 Fundamental Concepts of Judaism (also as PHIL 234)
 LARC 160 Introduction to Landscape Architecture
 LASC 234 Issues in Latin American Studies I (D) (also as PORT 234 and SPAN 234)
 LASC 235 Issues in Latin American Studies II (D) (also as PORT 235 and SPAN 235)
 LATN 201 Intermediate Latin
 LING 210 Structure of American Sign Language (D)
 LING 240 Language and Mind
 PHIL 100 Introduction to Philosophy
 PHIL 101 The Structure of Knowledge
 PHIL 102 Truth and Reality
 PHIL 103 Self and Identity
 PHIL 105 God and Cosmos
 PHIL 110 Plato's Republic
 PHIL 140 Contemporary Moral Issues
 PHIL 201 Issues in the Philosophy of Life
 PHIL 209E Existentialism
 PHIL 234 Fundamental Concepts of Judaism (also as JWST 250)
 PHIL 245 Political and Social Philosophy I
 PHIL 250 Philosophy of Science I
 PHIL 256 Philosophy of Biology I
 PORT 223 Portuguese Culture (in English)
 PORT 224 Brazilian Culture (in English) (D)
 PORT 234 Issues in Latin American Studies I (also as LASC 234 and SPAN 234) (D)
 PORT 235 Issues in Latin American Studies II (also as LASC 235 and SPAN 235) (D)
 RUSS 201 Intermediate Russian I
 RUSS 202 Intermediate Russian II
 RUSS 281 19th Century Russian Culture
 RUSS 282 Contemporary Russian Culture (D)
 SPAN 125 Spanish Civilizations: From Kingdoms to Nationalities
 SPAN 201 Intermediate Spanish
 SPAN 202 Intermediate Grammar and Composition
 SPAN 223 U.S. Latino Culture (D)
 SPAN 234 Issues in Latin American Studies I (also as LASC 234 and PORT 234)

- (D)
 SPAN 235 Issues in Latin American Studies II (also as LASC 235 and PORT 235) (D)

Mathematics and the Sciences, the Lab Courses

Physical Sciences Lab (CORE CODE: PL):

- ASTR 100/111 Introduction to Astronomy and Observational Astronomy Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 ASTR 101 General Astronomy
 ASTR 121 Introductory Astrophysics II - Stars and Beyond
 CHEM 102 Chemistry of Our Environment
 CHEM 103 General Chemistry I
 CHEM 113 General Chemistry II
 CHEM 121/122 Chemistry in the Modern World and Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 GEOG 201/211 Geography of Environmental Systems and Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 GEOL 100/110 Physical Geology and Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 GEOL 103 Water, Earth, and Humans
 GEOL 105 Geology of Maryland
 GEOL 107 Natural Hazards
 METO 200/201 Weather and Climate and Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 PHYS 102/103 Physics of Music and Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 PHYS 106/107 Light, Perception, Photography and Visual Phenomena and Laboratory (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 PHYS 115 Inquiry into Physics
 PHYS 117 Introduction to Physics
 PHYS 121 Fundamentals of Physics I
 PHYS 122 Fundamentals of Physics II
 PHYS 141 Principles of Physics
 PHYS 142 Principles of Physics
 PHYS 262 General Physics: Vibrations, Waves, Heat, Electricity, and Magnetism
 PHYS 263 General Physics: Electrodynamics, Light, Relativity, and Mod. Physics
 PHYS 272/275 Introductory Physics: Vibration, Waves, Heat, Fluids, Optics, and Light / Experimental Physics I: Mechanics & Thermodynamics (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)

Mathematics and the Sciences, the Lab Courses

Life Sciences Lab (CORE CODE: LL):

- AGRO 101 Introductory Crop Science
 AGRO 202 Fundamentals of Soil Science (formerly 302)
 ANTH 220 Introduction to Biological Anthropology (D)
 BSCI 103 The World of Biology (formerly BIOL)
 BSCI 105 Principles of Biology I (formerly BIOL)
 BSCI 106 Principles of Biology II (formerly BIOL)
 BSCI 122 Microbes and Society (formerly MICB 100)
 BSCI 124/125 Plant Biology for Non-Science Students and Laboratory (formerly PBIO 100/101) (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
 BSCI 201 Human Anatomy and Physiology I (formerly ZOOL)

- BSCI 223 General Microbiology (formerly MICB 200)
 BSCI 224 Animal Diversity (formerly ZOOL 210)
 BSCI 227 Principles of Entomology (formerly ENTM 205)
 CHEM 104 Fundamentals of Organic and Biochemistry
 HORT 100 Introduction to Horticulture

Mathematics and the Sciences, the Lab Courses

Math or Formal Reasoning Lab (CORE CODE: ML):

NONE

Mathematics and the Sciences, the Non-Lab Courses

Physical Sciences Non-Lab (CORE CODE: PS):

- ASTR 100 Introduction to Astronomy (only if taken Fall 1993 or later)
 ASTR 120 Introductory Astrophysics - Solar System
 ASTR 200 Introductory Astronomy and Astrophysics
 ASTR 220 Collisions in Space
 BSCI 123 Causes and Implications of Global Change (formerly PBIO) (also as GEOG/GEOL/METO 123)
 CHEM 121 Chemistry in the Modern World
 ENES 100 Introduction to Engineering Design
 ENES 105 How Things Work - Basic Technological Literacy
 GEMS 101 Technological Innovation: An Historical Perspective (Students may count this course in one of two areas: SH or PS, but not both)
 GEOG 123 Causes and Implications of Global Change * (also as GEOL/METO/BSCI 123)
 GEOG 140 Coastal Environments
 GEOL 104 Dinosaurs: A Natural History
 GEOL 120 Environmental Geology
 GEOL 123 Causes and Implications of Global Change (also as GEOG/METO/BSCI 123)
 GEOL 212 Planetary Geology
 METO 123 Causes and Implications of Global Change (also as GEOG/GEOL/BSCI 123)
 METO 200 Weather and Climate
 PHYS 101 Contemporary Physics
 PHYS 111 Physics in the Modern World
 PHYS 112 Physics in the Modern World
 PHYS 161 General Physics: Mechanics and Particle Dynamics
 PHYS 171 Introductory Physics: Mechanics and Relativity
 UNIV 138A Technology and the Environment: To Stem the Flow: The Nile, Technology, Politics and the Environment (This course may be counted for CORE in only ONE of these three areas: LS, PS, or SH)

Mathematics and the Sciences, the Non-Lab Courses

Life Sciences Non-Lab (CORE CODE: LS):

- AGRO 105 Soil and Environmental Quality
 BSCI 120 Insects (formerly ENTM 100)
 BSCI 205 Environmental Science (formerly PBIO 235)
 BSCI 206 Chesapeake: A Living Resource (formerly PBIO 255)
 HESP 108W Left Brain, Right Brain
 KNES 260 Science of Physical Activity and Cardiovascular Health
 NFSC 100 Elements of Nutrition
 UNIV 138A Technology and the Environment: To Stem the Flow: The Nile, Technology,

Politics and the Environment (This course may be counted for CORE in only ONE of these three areas: LS, PS, or SH)

Mathematics and the Sciences, the Non-Lab Courses

Math or Formal Reasoning Non-Lab (CORE CODE: MS):

- CMSC 150 Introduction to Discrete Structures
- GEOG 170 Maps and Map Use
- MATH 111 Introduction to Probability
- MATH 140 Calculus I
- MATH 141 Calculus II
- MATH 220 Elementary Calculus I
- MATH 221 Elementary Calculus II
- PHIL 170 Introduction to Logic
- PHIL 209P Philosophy and Computers
- PHIL 271 Symbolic Logic I
- STAT 100 Elementary Statistics and Probability

Social Sciences and History

Social or Political History (CORE CODE: SH):

- AASP 100 Introduction to Afro-American Studies (D)
- AASP 109P Urban Black America: Politics and Protest (D)
- AASP 202 Black Culture in the United States (D)
- AASP 298C African Civilizations to 1800 (also as HIST 122) (D)
- ENGL 260 Introduction to Folklore
- GEMS 101 Technological Innovation: An Historical Perspective (Students may count this course in one of two areas: SH or PS, but not both)
- HIST 106 American Jewish Experience (also as JWST 141)
- HIST 111 The Medieval World
- HIST 113 Modern Europe: 1789 - Present
- HIST 120 Islamic Civilization (D)
- HIST 122 African Civilizations to 1800 (also as AASP 298C) (D)
- HIST 123 Sub-Saharan Africa since 1800 (D)
- HIST 126 Jewish Civilization (also as JWST 121)
- HIST 156 History of the United States to 1865
- HIST 157 History of the United States since 1865
- HIST 174 Introduction to the History of Science
- HIST 175 Science and Technology in Western Civilization
- HIST 210 Women in America to 1880 (also as WMST 210) (D)
- HIST 211 Women in America since 1880 (also as WMST 211) (D)
- HIST 212 Women in Western Europe, 1750 - Present (also as WMST 212) (D)
- HIST 219C US-East Asian Cultural Relations (D)
- HIST 234 History of Britain to 1485
- HIST 235 History of Britain 1461-1714
- HIST 236 History of Britain 1688 to Present
- HIST 237 Russian Civilization (D)
- HIST 250 Latin-American History I (D)
- HIST 251 Latin-American History II (D)
- HIST 260 The North Atlantic World: 1550-1800
- HIST 266 The United States and World Affairs
- HIST 275 Law and Constitutionalism in American History
- HIST 281 Introduction to the Rabbinic Movement (also as JWST 230) (D)
- HIST 282 History of the Jewish People I (also as JWST 234) (D)
- HIST 283 History of the Jewish People II (also as JWST 235) (D)
- HIST 285 East Asian Civilization II
- JWST 121 Jewish Civilization (also as HIST 126)
- JWST 141 American Jewish Experience (also as HIST 106)
- JWST 230 Introduction to the Rabbinic Movement (also as HIST 281) (D)

- JWST 234 History of the Jewish People I (also as HIST 282) (D)
- JWST 235 History of the Jewish People II (also as HIST 283) (D)
- KNES 293 History of Sport in America
- UNIV 138A Technology and the Environment: To Stem the Flow: The Nile, Technology, Politics and the Environment (This course may be counted for CORE in only ONE of these three areas: LS, PS, or SH)
- WMST 210 Women in America to 1880 (also as HIST 210) (D)
- WMST 211 Women in America since 1880 (also as HIST 211) (D)
- WMST 212 Women in Western Europe, 1750 - Present (also as HIST 212) (D)

Social Sciences and History

Behavioral and Social Sciences (CORE CODE: SB):

- AASP 101 Public Policy and the Black Community
- AMST 207 Contemporary American Cultures (D)
- ANTH 240 Introduction to Archaeology (D)
- ANTH 260 Introduction to Sociocultural Anthropology and Linguistics (D)
- ANTH 262 Culture and Environment (D)
- AREC 240 Introduction to Economics and the Environment
- AREC 250 Elements of Agricultural and Resource Economics
- CCJS 100 Introduction to Criminal Justice
- CCJS 105 Introduction to Criminology
- CPSP 123 Issues in Environmental Studies
- CPSP 124 Issues in International Studies
- CPSP 126 Issues in Public Leadership
- CPSP 227 Science, Technology, and Society
- ECON 105 Economics of Social Problems
- ECON 200 Principles of Micro-Economics (Formerly ECON 203)
- ECON 201 Principles of Macro-Economics
- EDHD 230 Human Development and Societal Institutions (D)
- GEMS 201 Technological Innovation: Industrial and Organizational Psychology
- GEOG 100 Introduction to Geography
- GEOG 130 Developing Countries (D)
- GEOG 202 The World in Cultural Perspective
- GVPT 100 Principles of Government and Politics
- GVPT 170 American Government
- GVPT 200 International Political Relations
- GVPT 250 Introduction to International Negotiation (D)
- HESP 120 Introduction to Linguistics
- JOUR 100 Introduction to Mass Communication
- LING 200 Introductory Linguistics
- PHIL 280 Introduction to Cognitive Studies
- PSYC 100 Introduction to Psychology
- SOCY 100 Introduction to Sociology
- SOCY 105 Introduction to Contemporary Social Problems
- SOCY 227 Introduction to the Study of Deviance
- URSP 100 Challenge of the Cities
- WMST 200 Introduction to Women's Studies: Women and Society (D)

CORE Advanced Studies

Please refer to the program descriptions above for Advanced Studies requirements.

CORE Capstone Option (majors only; after completing 86 credits) (CORE CODE: CS):

- ANSC 420 Animal Production Systems
- BCHM 399 Undergraduate Research in Biochemistry (Must be taken for at least 3 credits)
- BCHM 465 Biochemistry III

- BMGT 457 Marketing Policies and Strategies
- BMGT 495 Business Policies
- BSCI 426 Membrane Biophysics (formerly Z00L 413)
- BSCI 464 Microbial Biology (formerly MICB 480)
- CHEM 399 Introduction to Chemical Research (Must be taken for at least 3 credits)
- CHEM 491 Advanced Organic Chemistry Laboratory
- CHEM 492 Advanced Inorganic Chemistry Laboratory
- CMSC 412 Operating Systems
- CMSC 424 Database Design
- CMSC 435 Software Engineering
- DANC 485 Seminar in Dance
- ENAE 482 Aeronautical Systems Design
- ENAE 484 Space Systems Design
- ENBE 486 Capstone Design II (Please note that both ENBE 485 and ENBE 486 must be completed in order to satisfy CORE Capstone Requirements)
- ENCE 466 Design of Civil Engineering Systems
- ENCH 446 Process Engineering Economics and Design II
- ENME 404 Mechanical Engineering Systems Design
- ENME 472 Integrated Product and Process Development II
- GEOG 394 Research Problems in Geology
- HIST 309 Proseminar in Historical Writing
- HIST 396 Honors Colloquium II
- KNES 497 Independent Studies Seminar
- LARC 471 Project in Landscape Architecture II
- MAPL 420 Mathematical Modeling (also as MATH 420)
- MATH 420 Mathematical Modeling (also as MAPL 420)
- NFSC 422 Food Product Research and Development
- NFSC 491 Issues and Problems in Dietetics
- NFSC 495 Nutrition Research
- NRMT 470 Natural Resources Management
- PHYS 428 Physics Capstone Research

CORE Human Cultural Diversity (CORE CODE: D):

Please refer to the program descriptions above for the Diversity Requirements.

In the following CORE Diversity list, courses noted "*" also meet CORE Distributive Studies requirements. Diversity courses that are also approved for CORE Distributive Studies may be double counted.

CORE Diversity Courses Recommended for Freshmen and Sophomores

- AASP 100 Intro. to Afro-American Studies*
- AASP 109P Urban Black America: Politics and Protest*
- AASP 202 Black Culture in the United States*
- AASP 298B Special Topics in Afro-American Studies: Black and Asian Relations
- AASP 298C African Civilizations to 1800* (also as HIST 122)
- AMST 207 Contemporary American Culture*
- AMST 212 Diversity in American Culture
- AMST 298C Asian American Experience
- ANTH 220 Introduction to Biological Anthropology*
- ANTH 240 Introduction to Archaeology*
- ANTH 260 Introduction to Sociocultural Anthropology and Linguistics*
- ANTH 262 Culture and Environment*
- ARCH 223 History of Non-Western Architecture*
- ARTH 250 Art and Archeology of Ancient America*
- ARTH 275 Art of Africa*
- ARTH 290 Art of Asia*
- CHIN 213 Chinese Poetry into English: An Introduction*

54 General Education Programs

CMLT 235	Intro. to Literatures of the African Diaspora* (also as ENGL 235)	PORT 235	Issues in Latin American Studies II* (also as LASC 235 and SPAN 235)	CCJS 498A	Special Topics in Criminology and Criminal Justice: Women and Crime	
CMLT 270	Global Literature and Social Change*	RUSS 282	Contemporary Russian Culture*	CHIN 313	Chinese Poetry and Prose in Translation	
CMLT 275	World Literature by Women* (also as WMST 275)	SOCY 241	Inequality in American Society	CHIN 315	Modern Chinese Literature in Translation	
CMLT 277	Literatures of the Americas*	SPAN 222	Cultural Difference in Contemporary Latin American Culture*	CLAS 320	Women in Classical Antiquity (also as WMST 320)	
CMLT 280	Film Art in a Global Society*	SPAN 223	US Latino Culture*	COMM 324	Communication and Gender (formerly SPCH)	
CMLT 291	International Perspectives on Lesbian and Gay Studies*	SPAN 224	Violence and Resistance in the Americas*	COMM 360	The Rhetoric of Black America (formerly SPCH)	
DANC 138	Introduction to Ethnic Dance (2 credits)	SPAN 228A	Latin American Literatures and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as PORT 228A)*	COMM 469A	Rhetoric of the Civil Rights Movement (formerly SPCH)	
DANC 200	Introduction to Dance*	SPAN 234	Issues in Latin American Studies I* (also as LASC 234 and PORT 234)	COMM 469B	Rhetoric of the Abolitionist and Suffrage Movement (formerly SPCH)	
EDHD 230	Human Development and Societal Institutions*	SPAN 235	Issues in Latin American Studies II* (also as LASC 235 and PORT 235)	COMM 482	Intercultural Communication (formerly SPCH)	
ENGL 234	Introduction to African-American Literature*	THET 195	Gender and Performance*	EALL 300	The Languages of East Asia	
ENGL 235	Intro. to Literatures of the African Diaspora*(also as CMLT 235)	THET 240	African Americans in Film and Theater*	ECON 375	Economics of Poverty and Discrimination	
ENGL 250	Introduction to Literature by Women* (also as WMST 255)	THET 293	Black Theatre and Performance I*	EDCP 420	Education and Racism	
FREN 241	Women Writers of French Expression in Translation* (also as WMST 241)	THET 294	Black Theatre and Performance II*	ENGL 348	Literary Works by Women (Topic will vary; also as WMST 348_)	
FREN 242	Black Writers of French Expression in Translation*	WMST 200	Introduction to Women's Studies: Women and Society*	ENGL 360	African, Indian, and Caribbean Writers	
GEOG 130	Developing Countries*	WMST 210	Women in America to 1880* (also as HIST 210)	ENGL 362	Caribbean Literature in English	
GERM 281	Women in German Literature and Society* (also as WMST 281)	WMST 211	Women in America since 1880* (also as HIST 211)	ENGL 368	Special Topics in the Literature of Africa and the African Diaspora (topic will vary)	
GVPT 250	Introduction to International Negotiation* (formerly GVPT 288A)	WMST 212	Women in Western Europe, 1750 - Present* (also as HIST 212)	FMST 381	Poverty, Affluence, and Families	
HIST 120	Islamic Civilization*	WMST 241	Women Writers of French Expression in Translation* (also as FREN 241)	FMST 430	Gender Issues in Families (also as WMST 430)	
HIST 122	African Civilizations to 1800* (also as AASP 298C)	WMST 250	Introduction to Women's Studies: Women, Art, and Culture*	FREN 482	Gender and Ethnicity in Modern French Literature	
HIST 123	Sub-Saharan Africa Since 1800*	WMST 255	Introduction to Literature by Women* (also as ENGL 250)	FREN 485	Ideologies and Relations Between the Sexes in French Literature	
HIST 209A	Cross-Cultural Questions: Religious Fundamentalism in 20th Century United States and Middle East	WMST 275	World Literature by Women* (also as CMLT 275)	FREN 499B	Literature of Francophone	
HIST 210	Women in America to 1880* (also as WMST 210)	WMST 281	Women in German Literature and Society* (also as GERM 281)	GEOG 323	Latin America	
HIST 211	Women in America since 1880* (also as WMST 211)	CORE Diversity Courses Recommended for Juniors and Seniors (after 56 credits)			GEOG 326	Africa
HIST 212	Women in Western Europe, 1750 - Present* (also as WMST 212)	AASP 312	Social and Cultural Effects of Colonization and Racism	GEOG 416	Overseas European Colonization and the Third World	
HIST 219C	US-East Asian Cultural Relations*	AASP 441	Science, Technology, and the Black Community	GERM 349M	Germanic Literatures in Translation: Masterworks of Yiddish Literature (also as JWST 375)	
HIST 237	Russian Civilization*	AASP 443	Blacks and the Law	GVPT 447	Islamic Political Philosophy	
HIST 250	Latin-American History I*	AASP 499R	Race and Gender: Political Theory, Economics, the Law, and Popular Culture	GVPT 471	Women and Politics	
HIST 251	Latin-American History II*	AGNR 401	Agricultural Support Systems in Developing Countries	HIST 314A	Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East	
HIST 255	African-American History	AGRO 303	International Crop Production	HIST 316A	Crisis and Change in Latin America: Slavery and Race Relations in Latin America	
HIST 281	Introduction to the Rabbinic Movement* (also as JWST 230)	AGRO 440	Crops, Soils, and Civilization	HIST 461	Blacks in American Life: 1865 to Present	
HIST 282	History of the Jewish People I* (also as JWST 234)	AMST 418J	Cultural Themes in America: Women and Family in American Culture	HIST 473	History of the Caribbean	
HIST 283	History of the Jewish People II* (also as JWST 235)	AMST 418K	Cultural Themes in America: Race in America: Theory and Policy	HIST 474	History of Mexico and Central America I	
JWST 171	Modern Jewish Experience Through Literature*	ANTH 362	Diversity in Complex Societies	HIST 475	History of Mexico and Central America II	
JWST 230	Introduction to the Rabbinic Movement* (also as HIST 281)	AREC 365	World Hunger, Population, and Food Supplies	HIST 491	History of the Ottoman Empire	
JWST 234	History of the Jewish People I* (also as HIST 282)	AREC 445	Agricultural Development in the Third World	HIST 493	Victorian Women in England, France and the United States	
JWST 235	History of the Jewish People II* (also as HIST 283)	ARTH 375	Ancient Art and Archeology of Africa (formerly ARTH 475)	HIST 494	Women in Africa (formerly HIST 458B)	
KNES 240	Exploring Cultural Diversity Through Movement	ARTH 376	Living Art of Africa (formerly ARTH 476)	HIST 495	Women in Medieval Culture and Society	
LASC 234	Issues in Latin American Studies I* (also as PORT 234 and SPAN 234)	ARTH 384	Art of Japan (formerly ARTH 395)	HIST 496	Africa Since Independence	
LASC 235	Issues in Latin American Studies II* (also as PORT 235 and SPAN 235)	ARTH 385	Art of China (formerly ARTH 390)	HLTH 471	Women's Health (also as WMST 471)	
LING 210	Structure of American Sign Language*	ARTH 485	Chinese Painting (formerly ARTH 490)	JOUR 452	Women in the Media (also as WMST 452)	
MUSC 210	The Impact of Music on Life*	ARTH 486	Japanese Painting (formerly ARTH 495)	JOUR 453	News Coverage of Racial Issues	
MUSC 248A	Musics of the World*	ARTT 463	Principles and Theory: African-American Art	JWST 375	Germanic Literatures in Translation: Masterworks of Yiddish Literature (also as GERM 349M)	
MUSC 248C	World Popular Musics and Gender*	BSCI 302	Women and Science (formerly ZOO 313) (also as WMST 313)	KNES 492	History of the Sportswoman in American Organizations (also as WMST 492)	
PORT 224	Brazilian Culture (in English)*	BSCI 365	International Pesticide Problems and Solutions (formerly ENTM 303)	MUSC 320	Epic as Song and Saga: Cross-Cultural Perspectives	
PORT 225	The Cultures of Portuguese-Speaking Africa	CCJS 370	Race, Crime and Criminal Justice	MUSC 432	Music in World Cultures I	
PORT 228A	Latin American Literatures and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as SPAN 228A)*				MUSC 433	Music in World Cultures II
PORT 234	Issues in Latin American Studies I* (also as LASC 234 and SPAN 234)				PHIL 407	Gay and Lesbian Philosophy

- PORT 322 Survey of African Literatures of Portuguese Expression (in Portuguese)
- PORT 378 Brazilian Cinema (topic will vary)
- PORT 476 Africa in Brazil
- PORT 478C Women as Authors and Characters in Brazilian Literature
- PSYC 354 Cross-Cultural Psychology
- SOCY 325 Sociology of Gender (also as WMST 325)
- SOCY 498C Women in the Military
- THET 390 Clothing and Culture
- THET 496 African American Women Filmmakers (also as WMST 496)
- THET 497 Non-Traditional Theatre
- URSP 372 Diversity and the City
- URSP 465 Comparative Urban Life and Change
- WMST 313 Women and Science (also as BSCI 302)
- WMST 320 Women in Classical Antiquity (also as CLAS 320)
- WMST 325 Sociology of Gender (also as SOCY 325)
- WMST 348 Literary Works by Women (topic will vary; also as ENGL 348_)
- WMST 430 Gender Issues in Families (also as FMST 430)
- WMST 452 Women in the Media (also as JOUR 452)
- WMST 471 Women's Health (also as HLTH 471)
- WMST 492 History of the Sportswoman in American Organizations (also as KNES 492)
- WMST 496 African American Women Filmmakers (also as THET 496)