

College of Arts and Science

- African Studies
- Anthropology
- Art
- Art Conservation
- Art History
- Biological Sciences
- Black American Studies
- Chemistry and Biochemistry
- Communication
- Comparative Literature
- Computer and Information Sciences
- East Asian Studies
- Economics
- English
- Foreign Languages and Literatures
- Geography
- Geology
- History
- Irish Studies

- Jewish Studies
- Latin American Studies
- Legal Studies
- Linguistics and Cognitive Science
- Mathematical Sciences and Statistics
- Medical Humanities
- Medieval Studies
- Military Science
- Music
- Philosophy
- Physical Therapy
- Physics and Astronomy
- Political Science, International Relations, and Public Administration
- Psychology
- Religious Studies
- Sociology and Criminal Justice
- Theatre
- Women's Studies

The College of Arts and Science represents a range of academic disciplines and contributes to the general and professional education of all undergraduate students at the University.

Students enrolled in the College of Arts and Science may choose among a number of degree programs and options designed to permit undergraduates flexibility in the pursuit of their educational goals, within guidelines or requirements established by the faculty. These formal requirements ensure that all students in the college complete courses representative of each of the major disciplinary groupings in the College: Arts and Humanities, Culture and Institutions Through Time, Behavioral and Social Sciences, and Natural Sciences and Mathematics.

The intent of these requirements is to provide students acquaintance with, and appreciation of, the materials and methodologies of each area and, ideally, to foster an awareness that the works of an artist, historian, novelist, sociologist, and physicist may all be equally valid representations of reality. In the process, students should develop a heightened understanding of all aspects of human environment, intellectual curiosity, respect for fact, perception of the complexity of truth, skill in reasoning, and concern for integrity and logical consistency and should acquire perceptions, skills, and atti-

tudes that will assist them in achieving a full and satisfying life as contributing members of society

In addition to the requirements listed for the various degrees, students must fulfill the general University requirements for baccalaureate degrees listed in the all-campus Academic Regulations section of this catalog.

ADVISEMENT

5 tudents who have declared majors will be assigned an advisor who is a faculty member in the appropriate department. Undeclared students are assigned a member of the professional staff of the College of Arts and Science Advisement Center located at 102 Elliott Hall. All freshman students who have earned less than 28 credit hours are required to meet with their advisors during preregistration for the spring and fall semesters. All other students are strongly encouraged to meet regularly with their academic advisors.

Preprofessional advisement committees are available to advise students who plan to study dentistry, law, medicine, social work, or veterinary medicine. Dean's Office personnel will be glad to direct students to appropriate faculty members

GENERAL DEGREE REQUIREMENTS INFORMATION

Pass/Fail Grade Option. Courses to fulfill degree requirements may not be taken pass/fail unless they are offered only on a pass/fail basis. Students may elect to take one course per semester pass/fail. A total of no more than 24 credits may be taken pass/fail for a Bachelor's degree and no more than 12 credits for an Associate's degree. For more detailed information on the pass/fail grade option, see the chapter on Academic Regulations.

Physical Education. A maximum of two credits of HPER 120 may be counted toward the required minimum credits of all degrees in the college.

Duplicate Credits. Credits may be counted only once toward a degree. Courses repeated to improve a passing grade may not be counted a second time toward the minimum total credit hours required. Certain courses offered in a sequence will not be counted toward a degree if taken in reverse order of difficulty, e.g., a French 105 course would not be considered if taken after French 107; similarly, a Math 115 course would not be acceptable if taken after a Math 221 course.

Certain other courses have sufficient overlap of content, although taught at different degrees of difficulty, that credit would not be offered for both courses regardless of the order taken. For instance, credit will be offered only once for the following pairs of courses: MATH 221 and MATH 241, MATH 222 and MATH 242.

COURSE OF STUDY OPTIONS

Single Major. A departmental major consists of at least 30 credits with the specified and elective courses determined by the individual department. A grade of *C*- is normally required in all major courses.

Several departments, e.g., English and history, have a number of internal options or specializations. To round out the departmental major, students may be required to take a designated number of credits of related work determined in consultation with a faculty advisor.

The faculty of the college have ruled that for the Bachelor of Arts degree, a maximum of 45 credits with the same departmental prefix may be applied to the total number of credits required for the degree. A cross-listed course will be considered a part of the 45 credit total, regardless of which prefix a student used to register for the course.

Students who choose a single major will normally have a number of "free elective" credits. Considerable thought should be given to the best use of these "elective" credits.

Double Major. This involves fulfilling the major requirements of two Bachelor of Arts or two Bachelor of Science majors. The advantage of a double major is that the student is able to develop and demonstrate strength in each area covered in the undergraduate program. Admission to double major status requires the approval of both departments and the dean(s) of the college(s). The minimum grade necessary in all courses required for the double major is the same as that needed for a single major in that degree program.

Interdepartmental Major. Students whose goals and interests heavily involve materials from two departments but do not extend to all aspects of each subject area may work out and submit for the approval of both departments and the dean of the college an interdepartmental proposal. More detailed instructions on the Interdepartmental Major are available in the Advisement Center and Dean's Office, but basically this major involves a minimum of 21 credits from each department with another nine credits that may be distributed in a number of ways. Examples of departments frequently combined in such programs are Communication and English or Political Science and Economics. With the approval of the other college or department, one area of the interdepartmental major may be from outside the College of Arts and Science.

A minimum grade of C- is normally required in all courses constituting the 21 credits of each area, and a C average is necessary for all the 51 credits in the interdepartmental major.

Area Study. Opportunity is provided for students interested in pursuing a broader field of study such as Comparative Literature, International Relations or Latin American Studies. Students majoring in International Relations are required to take 51 credits distributed among appropriate departments. Thirty of the 51 credits must be earned with at least a *C*-grade, and a C average is required for the total of the 51 credits.

Minors. In addition to the major, students may also elect to complete one or two minor programs. Departments offering a minor set their own requirements, but these always include at least 15 credits of course work. A minimum grade of C- is normally required in all courses for a minor. (See the list of minors in the front of this catalog.)

BACHELOR OF ARTS

CORE CURRICULUM

This degree, offered by all departments of the College of Arts and Science, is awarded to those students who follow a broad course of study and is designed to provide a liberal education. For this degree, students must complete a minimum of 124 credits, composed of requirements for general education, required courses in a major, and elective courses.

CREDITS

UNIVERSITY REQUIREMENTS ENGL 110 Critical Reading and Writing (minimum grade C-)
dents who transfer into the College of Arts and Science with 45 credits or more must complete this requirement within two semesters.
MULTICULTURAL COURSE 3 Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)
BACHELOR OF ARTS
COLLEGE SKILL REQUIREMENTS
Writing: (minimum grade C-)
Mathematics: MATH 114 or MATH 170 College Mathematics and Statistics
or MATH 115 or MATH 171 Pre-Calculus 3 (designed for students who intend to continue the study of mathematics)
or Successful completion of any mathematics course at or above the 200- level except MATH 251, MATH 252, or MATH 266
or Successful performance on a proficiency test in mathematics adminis- tered by the Department of Mathematical Sciences through the College of Arts and Science Advisement Center.
The math requirement must be completed by the time a student has earned 60 credits. Students who transfer into the College of Arts and Science with 45 credits or more must complete this requirement within two semesters.
Foreign Language: 0-12
Completion of the intermediate-level course (107 or 112 or 214) and any needed prerequisites in a given foreign language (ancient or modern). Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may attempt to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in that language may be attempted to fulfill the requirement in the fulfi

foreign language may attempt to fulfill the requirement in that lan-

guage by taking an exemption examination.

COLLEGE BREADTH REQUIREMENTS

The only exception for total number of credits in breadth requirements for a Bachelor of Arts degree is for the Bachelor of Arts in Mathematics Education See page 98 for these requirements.

GROUP A.		2
Analysis and appreciation of the creative arts and		
Twelve credits of courses representing at least two appropriate instructional units	departments or	
GROUP B.		2
The study of culture and institutions over time.		

appropriate instructional units

Empirically based study of human beings and their environment Twelve credits of courses representing at least two departments or appropriate instructional units.

GROUP D The study of natural phenomena through experiment or analysis Thirteen credits of courses representing at least two departments or appropriate instructional units and including a minimum of one course with an associated laboratory.

A course may be applied toward more than one requirement (e.g., breadth and major requirements), but the credits are counted only once toward the total credits for graduation. If all but one course in a group has been taken in one department or program, a course cross-listed with that program will not satisfy the distribution requirement. For a complete list of the courses which fulfill breadth requirements, see pages 60-64.

BACHELOR OF SCIENCE

Students whose goals indicate a high level of concentration or specialization may elect to fulfill requirements for the Bachelor of Science degree. Similar degrees are the Bachelor of Fine Arts, with a heavy concentration on studio work, and the Bachelor of Music with its own areas of specialization. Curricular details for all of these degree programs can be found in the sections devoted to the individual departments.

BACHELOR OF ARTS IN LIBERAL STUDIES

An option that offers a great deal of flexibility is the Bachelor of Arts in Liberal Studies (B.A.L.S.). The degree is designed for students who have need and justification for developing their own undergraduate major program within the 124-credit minimum

This degree differs from the regular Bachelor of Arts degree in that it requires 60 credits at the 300-level or higher. The most significant difference from the more conventional degree, however, is that, instead of a major, students pursue a sequence of courses of their choice that are consistent with their stated educational goals

Admission into Bachelor of Arts in Liberal Studies is determined by the College Faculty Senate Committee on Special Academic Programs which reviews student proposals and approves them or makes suggestions on improving or strengthening them. To be eligible to apply to the program, a student must have a cumulative grade index of 2.25 and must have completed no more than 75 credit hours at the time of the application. The committee looks for proposals that are cohesive and realistic, designed to afford the student knowledge in some broad, interdisciplinary field or focused more narrowly and in greater depth on one theme and, in general, involve course combinations that would not be feasible within one of the other degree options. A minimum of 39 credit hours must be related to the main theme of the B.A.L.S. project and a minimum grade of C- must be earned in these core courses.

Advisement and planning are essential in formulating such a proposal. Students are urged to seek advice from faculty members

and the Dean's Office as they work on drawing up their programs. The screening committee will expect the applications to carry the signature of at least two faculty members including the candidate's advisor. Proposals should be submitted to the Dean's Office by October 15 or by March 15.

ASSOCIATE DEGREES

The nonterminal degrees of Associate in Arts (A.A.) and Associate in Science (A.S.) may be awarded upon application before completion of a prescribed curriculum. Information regarding admission requirements and eligibility for the associate degree programs may be found in the Undergraduate Admissions section of this catalog.

Associate Degrees from the College of Arts and Science. The nonterminal degrees of Associate in Arts and Associate in Science may be awarded upon application before completion of 75 earned credit hours. The Associate in Arts represents completion of the first half of a Bachelor of Arts program; the Associate in Science, the first half of a Bachelor of Science program Specific requirements follow:

ASSOCIATE IN ARTS REQUIREMENTS

f any of the course requirements are satisfied through proficiency tests or exams, elective credits must be substituted to make up 60 hours. Courses taken to fulfill specific group, math, or language proficiency reqirements must be taken for a regular grade, not pass/fail.

CURRICULUM CREDITS
UNIVERSITY REQUIREMENTS
Writing
ENGL 110 (minimum grade C-)
or Exemption 0
Multicultural Course (see p. 20)
SKILL REQUIREMENTS
Mathematics MATH 114 3
or
MATH 115
or Successful completion of any mathematics course
above the 100-level (except MATH 251 and MATH 252)
or in the or in the contract of the contract o
Proficiency Test 0
Foreign Language Elementary Level 4
or Proficiency Test
BREADTH REQUIREMENTS
Courses in each of the groups A-D must be taken in at least two departments. If all but one course in a group has been taken in one department or program, a course cross-listed with that department or program will not satisfy the distribution requirement.
Group A. Creative Arts' and Humanities 9
Group B. Culture and Institutions through Time 9
Group C. Humans and Their Environment 9
Group D. Natural Phenomena 10 At least one course in Group D must be a laboratory science
ELECTIVES
Elective Courses
After required courses are completed, sufficient elective credits

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. Students may opt to take one free elective course per semester pass/fail, but the total number of credits taken on a pass/fail basis may not exceed 12, excluding courses that are graded pass/fail only Courses numbered below 100-level do not count toward a degree

CREDITS TO TOTAL A MINIMUM OF 60

ASSOCIATE IN SCIENCE REQUIREMENTS

If any of the course requirements are satisfied through proficiency tests or exams, elective credits must be substituted to make up 60 hours. Courses taken to fulfill specific group, math, or language proficiency reqirements must be taken for a regular grade, not pass/fail.

CURRICULUM	CREDITS
UNIVERSITY REQUIREMENTS Writing	
ENGL 110 (minimum grade C-)	3
or Exemption Multicultural Course (see p. 20)	
SKILL REQUIREMENTS	
Mathematics MATH 221-222	: · 6
or MATH 241-242	8
Foreign Language Required if there is a language requirement for the corresponding Bachelor of Science degree.	
Elementary Level or Proficiency Test	
BREADTH REQUIREMENTS Courses in each of the groups A-D must be taken in at least two departments. If all but one course in a group has been taken in one department or program, a course cross-listed with that department or program will not satisfy the distribution requirement.	
Group A. Creative Arts and Humanities	, 9
Group B. Culture and Institutions through Time	9
Group C. Humans and Their Environment	9
Group D. Natural Phenomena	12
ELECTIVES	
Elective Courses After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree Students may opt to take one free elective course per semester pass/fail, but the total number of credits taken on a	

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CREDITS TO TOTAL A MINIMUM OF 60

Academic Advisement is available in the College of Arts and Science Advisement Center, 102 Elliott Hall.

DEAN'S SCHOLAR PROGRAM

E ach year some undergraduate colleges consider upon application a number of highly motivated students who have clear educational goals and the ability to achieve those goals. These students may be appointed Dean's Scholars. These students are freed of all college general education requirements so that they can build their entire program with faculty advisors. They are generally selected after they have finished three semesters at the University Additional information is available from the Dean's Office.

LIBERAL ARTS/ENGINEERING

These five-year programs combine work in liberal arts and engineering and lead to the simultaneous awarding of a bachelor's degree in Arts and Science and a bachelor's degree in the appropriate engineering field. For complete details on these programs, see the Arts and Science-Engineering Curricula section.

TEACHER EDUCATION PROGRAMS

The College of Arts and Science offers teacher education programs in twenty-three areas for students who wish to prepare themselves to be certified teachers in Delaware or in twenty-seven other states and the overseas dependent schools. For secondary certification (high school, junior high school, middle school), programs are offered in biology, chemistry, earth sciences, English, foreign languages (Classics, French, German, Italian, Latin, Russian, Spanish), mathematics, physics, and social studies (anthropology, economics, geography, history, political science, psychology, and sociology) For K-12 certification, teacher education programs are offered in music (instrumental, keyboard, voice)

Each degree program in teacher education requires a certain minimum G.P.A. for enrollment in EDDV 400, Student Teaching, a course required for the degree. The appropriate teacher education program advisor (see list on p. 155) should be consulted for the exact G.P.A. requirements and other policies concerning qualifications for student teaching.

See Teacher Education Programs in the College of Human Resources, Education and Public Policy section of this catalog.

PREMEDICINE AND PREDENTISTRY

Preparation for admission to professional schools in medicine, dentistry, and related fields must include specific course work in biology, chemistry, physics and mathematics. Although many preprofessional students major in biology or chemistry, because these disciplines include the science training required, nonscience majors are acceptable and, in fact, encouraged by many professional schools.

Preprofessional students usually begin their career-related course work in the first semester of the freshman year in order to complete the relevant courses before taking professional aptitude tests as juniors. Early academic advisement is essential to ensure that the preprofessional curriculum requirements are met. The Health Sciences Advisory and Evaluation Committee (Room 117A, Wolf Hall) coordinates advisory services for all students preparing for admission to health-related professional schools. Call 831-2282 for information

MEDICAL SCHOLARS PROGRAM

The Medical Scholars Program has been developed by the University of Delaware and Jefferson Medical College in Philadelphia to educate men and women to meet society's changing health care demands. This unique approach to medical studies unifies college, medical school, and residency years by integrating liberal arts, science, and professional studies across both institutions. Utilizing faculty and courses at the University of Delaware and Jefferson Medical College, the curriculum includes traditional studies in the life and health sciences, as well as courses in the humanities, ethics, social sciences, economics, political science, and health policy. Group discussion, problem-based instruction, hands-on science, computer and video disc technology are part of the program. Under this program, students receive a Bachelor of Arts in Liberal Studies degree and conditional acceptance to Jefferson Medical College as early as their sophomore year at the University of Delaware. For information, contact Professor Paul Durbin at 831-8202.

FIELD STUDIES OPTION

Many students may benefit from a semester devoted to a carefully planned field studies program away from the campus. Opportunity is available under this option to develop an academic program involving field research and data collection or involving associated work in a government organization or private company Such an academic option must be developed in detail with an academic advisor. More information is available from the Dean's office, to which proposals should be submitted by October 15 or by March 15.

COURSES APPROVED FOR SECOND WRITING REQUIREMENT

Only the sections designated in the Registration Booklet as satisfying the Arts and Science Second Writing Course apply. Only a limited number of courses, when transferred from another institution, will satisfy the second writing requirement. Please contact the Arts and Science Advisement Center and Dean's Office for further information.

Anthropology (ANTH)

- ANTH 486 Tutorial in Social and Cultural Anthropology
- **ANTH 487** Tutorial in Archaeology
- Tutorial in Physical Anthropology **ANTH 488**

Art History (ARTH)

- ARTH 213 Art of the Northern Renaissance
- ARTH 250 Rulers' Images: Augustus to Washington
- **ARTH 301** Research and Methodology in Art History
- ARTH 302 Prints and Society
- ARTH 310 The Role of the Artist in Society
- ARTH 402 Undergraduate Seminar: History of Art
- ARTH 405 Seminar in Greek and Roman Art
- ARTH 406 Seminar in Medieval Art
- **ARTH 408** Seminar in Northern Renaissance Art
- **ARTH 413** Seminar in Italian Renaissance Art
- **ARTH 417** Seminar in Northern Baroque Art
- **ARTH 423** Seminar in Twentieth Century Art
- **ARTH 429** Seminar in Modern Architecture
- **ARTH 431** Seminar in American Architecture
- **ARTH 435** Seminar in American Art

Arts and Science (ARSC)

ARSC 316 Honors: Peer Tutoring/Advanced Composition (cross-listed with ENGL 316)

Biology (BISC)

- **BISC 330** Biology of Vision
- **BISC 450** Proseminar in Environmental Science
 - (cross-listed with GEOG 450 and GEOL 450)
- **BISC 498** Topics in Biology (cross-listed with CSCC 498)

Black American Studies (BAMS)

- Race, Class and Gender BAMS 415
- (cross-listed with SOCI 415 and WOMS 415)
- Psychological Perspectives on the Black American **BAMS 432** (cross-listed with PSYC 416)

Center for Science and Culture (CSCC)

- **CSCC 355** Computers, Ethics and Society (cross-listed with SOCI 355)
- Literature and Science (cross-listed with ENGL 368)
- CSCC 368 CSCC 385 History of Biological Ideas (cross-listed with HIST 385)
- CSCC 411 Seminar in American History
- (cross-listed with HIST 411)
- CSCC 444 Medical Ethics (cross-listed with PHIL 444)
- CSCC 498 Topics in Biology (cross-listed with BISC 498)

Chemistry (CHEM)

CHEM 610 History of Chemistry

Communication (COMM)

- COMM 311 Communication Techniques
- COMM 438 COMM 452 Speech, Language and Communication
- Communication and Persuasion
- COMM 485 Analysis of Face-to-Face Communication

Comparative Literature (CMLT)

- **CMIT 311** Twentieth-Century Literature I (cross-listed with FLLT 311)
- CMLT 312 Twentieth-Century Literature II (cross-listed with FLLT 312)
- **CMIT 341** Theatre/Drama: Classic/Medieval (cross-listed with THEA 341)
- **CMLT 342** Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342)
- **CMLT 343** Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343)
- **CMLT 344** Theatre/Drama: 1900 to Present (cross-listed with THEA 344) **CMIT 480** Seminar (cross-listed with ENGL 480, and WOMS 480)

Consumer Studies (CNST)

CNST 332 Consumers, Health, and Medical Care

Criminal Justice (CRJU)

- **CRIU 428** Corporate Crime (cross-listed with SOCI 428) Lawyers and Society (cross-listed with SOCI 456) **CRIU 456**
- **CRIU 460** Criminal Justice Policy

English (ENGL)

- **ENGL 200** Approaches to Literature
- Expository Writing Advanced Composition **ENGL 301**
- **ENGL 302 ENGL 307** News Writing and Editing
- **ENGL 309** Feature and Magazine Writing
- **ENGL 312** Written Communications in Business
- **ENGL 316** Honors: Peer Tutoring/Advanced Composition
- (cross-listed with ARSC 316) ENGL 368 Literature and Science (cross-listed with CSCC 368)
- **ENGL 409** Topics in Journalism
- **ENGL 410** Technical Writing
- **ENGL 415** Writing in the Professions
- **ENGL 480** Seminar (cross-listed with CMLT 480 and WOMS 480)

Foreign Languages and Literatures (FLLT)

- **FLLT 311** Twentieth-Century Literature I (cross-listed with CMLT 311)
- **FLLT 312** Twentieth-Century Literature II (cross-listed with CMLT 312)

Geography (GEOG)

- Urban Cultural Geography GEOG 346
- **GEOG 445** Method and Theory in Geography
- GEOG 450
- Proseminar in Environmental Science (cross-listed with BISC 450 and GEOL 450)

Geology (GEOL)

GEOL 450 Proseminar in Environmental Science

(cross-listed with BISC 450 and GEOG 450)

History (HIST)

- **HIST 130** Islamic Near East: 600-1500
- Islamic Near East: 1500 to the Present **HIST 131**
- Roots of Contemporary Culture **HIST 250** Women in American History (cross-listed with WOMS 300) **HIST 300**
- **HIST 301** The Worker in American Life
- The World in Our Time (cross-listed with WOMS 302) American Intellectual History **HIST 302**
- HIST 303
- American Intellectual History
- HIST 304 **HIST 305** Images of Race and Ethnicity in American Culture
- **HIST 307** The U.S. in the Early National Period
- **HIST 308** The U.S. in the Antebellum Period
- **HIST 309** U.S. Business and Political Economy
- **HIST 313** Early Twentieth-Century America Twentieth-Century America
- **HIST 314 HIST 318** Colonial America
- HIST 319. Revolutionary America
- **HIST 323** The Old South
- **HIST 328** American Industrial Society: 1815 to Present
- **HIST 330** Peasants and Revolution in Africa
- **HIST 334** History of Mexico
- **HIST 335** History of Colonial Latin America
- **HIST 341** Ancient Rome
- **HIST 344** Renaissance Europe
- **HIST 345** Europe in the Reformation Era: 1517 to 1648
- **HIST 346** Age of Louis XIV
- **HIST 347** The French Revolution and Napoleon
- **HIST 348** History of Spain: 1479 to Present Hispanic Societies: 1492 to Present
- **HIST 349 HIST 352**
- Contemporary European Society
 Modern Germany: 1770 to 1919
 Germany in 20th Century: 1914 to Present
 Early Modern Intellectual History **HIST 353**
- **HIST 354**
- **HIST 355**
- **HIST 356**
- Modern European Intellectual History Soviet Russia: 1917 to 1990 **HIST 359**
- European Business History: 1850 to Present **HIST 361**
- **HIST 368** Modern China: 1600-1920s
- China Since 1900 **HIST 369**
- History of Modern Japan **HIST 370** Modern Ireland: 1534 to Present **HIST 373**
- Radicalism and Revolution: Islamic Movements in the **HIST 377**
- Modern Middle East
- **HIST 378** Nationalism in the Modern Middle East
- History of the Arab-Israeli Conflict **HIST 380**
- History of Biological Ideas (cross-listed with CSCC 385) **HIST 385 HIST 397** History of South Africa
- HIST 409 Varieties of Modern Feminism (cross-listed with WOMS 409)
- **HIST 411** Seminar in American History (cross-listed with CSCC 411)

	ES APPROVED FOR	German (G	Urban Cultural Geography ERMN) German Reading and Composition: Short Fiction
WOMS 480			Urban Cultural Geography
WOMS 473	Studies in Early Modern European History (cross-listed with HIST 473) Seminar (cross-listed with CMLT 480 and ENGL 480)	Geography GEOG 203 GEOG 345 GEOG 346	Introduction to Cultural Geography Cultural Geography
WOMS 472	(cross-listed with BAMS 415 and SOCI 415) Studies in Medieval History (cross-listed with HIST 471) Studies in Fath, Modern Furgory History	FLLT 329	Topics: Italian Literature in Translation
WOMS 409	The World in Our Time (cross-listed with HIST 302) Varieties of Modern Feminism (cross-listed with HIST 409) Race, Class and Gender (cross-listed with RAMS 415 and SOCI 415)	FLLT 326 FLLT 327 FLLT 328	Topics: Hispanic Literature in Translation (cross-listed with WOMS 326) Topics: Russian Literature in Translation Topics: Japanese Literature in Translation (cross-listed with WOMS 328)
WOMS 300	Women in American History (cross-listed with HIST 300)	FLLT 324 FLLT 325	Topics: French Literature in Translation (cross-listed with WOMS 324) Topics: German Literature in Translation (cross-listed with WOMS 325)
UNIV 491 Women's 5	Honors Tutorial: Natural/Social Science Studies (WOMS)	FLLT 322	(cross-listed with CMIT 320 and WOMS 320) Topics: Classical Literature in Translation (cross-listed with CMIT 322)
University UNIV 490	Honors Tutorial: Humanities	FLLT 316 FLLT 320	Classical Mythology (cross-listed with CMLT 316) Varying Authors and Genres
THEA 410	Fundamentals of Dramaturgy	FLLT 202	Biblical and Classical Literature (cross-listed with CMLT 202 and ENGL 202)
THEA 346	(cross-listed with MUSC 345) History of Theatre: The American Theatre	_	nguages and Literatures (FLLT)
THEA 343 THEA 344 THEA 345	Theatre/Drama: 1700 to 1900 (cross-listed with CMLT 343) Theatre/Drama: 1900 to Present (cross-listed with CMLT 344) History of Theatre: American Musical Theatre	ENGL 368 ENGL 369 ENGL 380	Literature and Science (cross-listed with CSCC 368) Literature and Medicine (cross-listed with CSCC 369) Women Writers (cross-listed with JWST 380 and WOMS 380)
THEA 341 THEA 342	Theatre/Drama: Classic/Medieval (cross-listed with CMLT 341) Theatre/Drama: Renaissance to 1700 (cross-listed with CMLT 342)	ENGL 320 ENGL 324	The Bible as Literature Shakespeare
Theatre (Ti		ENGL 315	Ballad and Folksong
SOCI 428 SOCI 456	Corporate Crime (cross-listed with CRJU 428) Lawyers and Society (cross-listed with CRJU 456)	ENGL 210 ENGL 217 ENGL 314	Short Story Introduction to Film (cross-listed with CMLT 217) Introduction to Folklore and Folklife (cross-listed with CMLT 314)
SOCI 415	Race, Class and Gender (cross-listed with BAMS 415 and WOMS 415)	ENGL 209	Introduction to Drama (cross-listed with CMLT 218 and WOMS 208) Introduction to the Novel (cross-listed with CMLT 219 and WOMS 209)
Sociology SOCI 305 SOCI 355	(SOCI) Social Class and Inequality Computers, Ethics and Society (cross-listed with CSCC 355)	ENGL 204 ENGL 207 ENGL 208	American Literature Introduction to Poetry
PSYC 445	Topics in Adolescent Psychology	ENGL 202	Approaches to therdure Siblical and Classical Literature (cross-listed with CMLT 202 and FLLT 202)
PSYC 425	(cross-listed with BAMS 432) Topics in Child Psychology	English (EN ENGL 200	NGL) Approaches to Literature
PSYC 414 PSYC 415 PSYC 416	Drugs and the Brain History and Systems of Psychology Psychological Perspectives on the Black American	CMLT 322	(cross-listed with FLLT 320 and WOMS 320) Topics: Classical Literature in Translation (cross-listed with FLLT 322)
Psycholog PSYC 405	y (PSYC) Advanced Social Psychology	CMLT 316 CMLT 320	Classical Mythology (cross-listed with FLLT 316) Varying Authors and Genres
POSC 448	Theories of International Relations	CMLT 314	(cross-listed with ENGL 209 and WOMS 209) Introduction to Folklore and Folklife (cross-listed with ENGL 314)
POSC 434 POSC 435 POSC 445	Political Thought I Political Thought II Human Rights and World Politics	CMLT 218 CMLT 219	Introduction to Drama (cross-listed with ENGL 208 and WOMS 208) Introduction to the Novel
POSC 380 POSC 408 POSC 433	Introduction to Law International Organizations African Politics	CMLT 202 CMLT 217	Biblical and Classical Literature (cross-listed with ENGL 202 and FLLT 202) Introduction to Film (cross-listed with ENGL 217)
POSC 334	Liberalism and Conservatism	· ·	ive Literature (CMLT)
PHIL 465 Political Se	Senior Seminar cience (POSC)	CSCC 369 CSCC 444	Literature and Medicine (cross-listed with ENGL 369) Medical Ethics (cross-listed with PHIL 444)
PHIL 444 PHIL 463	Medical Ethics (cross-listed with CSCC 444) Ethical Theory	CSCC 241 CSCC 246 CSCC 368	Ethical Issues in Health Care (cross-listed with PHIL 241) Philosophical Perspectives of Medicine (cross-listed with PHIL 246) Literature and Science (cross-listed with ENGL 368)
Philosoph			Science and Culture (CSCC)
MUSC 311 MUSC 312 MUSC 313 MUSC 345	Music History: 400 through 1600 Music History: 1600 through 1827 Music History: 1825 to the Present History of Theatre: American Musical Theatre (cross-listed with THEA 345)	ARTH 150 ARTH 151 ARTH 152 ARTH 161 ARTH 162	Monuments and Methods in the History of Art Myth, Religion, and Art Design and Expression in the Visual Arts Art in East and West History of Architecture
Music (ML	JSC)	Art History ARTH 150	
HIST 474 HIST 475 HIST 479	Seminar in English History Seminar in Modern European History Seminar in Asian History	Art (ART) ART 315	Issues in Contemporary Art
HIST 471 HIST 473	Seminar in Medieval History (cross-listed with WOMS 472) Seminar in Early Modern European History (cross-listed with WOMS 473)	ANTH 251 ANTH 338 ANTH 360	Arts and Crafts of Native North America Arts and Crafts of Native South America Humanities Colloquium
HIST 459	Seminar in Twentieth-Century Latin American Revolutions Seminar in Africa Under Colonial Rule Seminar in United States Urban History	ANTH 227 ANTH 231 ANTH 239	American Culture Personality and Culture Arts and Crafts of Native North America

Linguistics	(LING)	ARTH 209	Early Medieval Art 200-1000 A.D.
LING 301	Dictionaries	ARTH 210	Later Medieval Art 1000-1400 A D
LING SOT	Dictionaries	ARTH 217	Early Renaissance Art
Music (MU	ISC)	ARTH 218	High Renaissance and Mannerist Art
MUSC 101	Appreciation of Music	ARTH 220	Italian Renaissance Architecture
MUSC 102	Appreciation of Music	ARTH 222	Baroque Art
MUSC 103	Introduction to Opera	ARTH 223	Baroque and Rococo Architecture and Urbanism
MUSC 104	Introduction to Opera II	ARTH 225	Eighteenth Century Art
MUSC 105	Fundamentals of Music I	ARTH 227	Modern Art I
MUSC 106	Fundamentals of Music II	ARTH 228	Modern Art II
MUSC 195	Harmony I	ARTH 230	American Art: 1607-1865
MUSC 196	Harmony II	ARTH 231	American Art: 1865-Present
MUSC 197	Jazz Harmony	ARTH 233	Art of China
MUSC 209	History of Spanish Music	ARTH 234	Art of Japan
Dhilasanh	/DUII 1	ARTH 235	Art of India
Philosophy		ARTH 236	The Arts of Islam
PHIL 100	Philosophies of Life (cross-listed with WOMS 100)	ARTH 250	Rulers' Images from Augustus to George Washington
PHIL 101	Great Western Philosophers	ARTH 302	Prints and Society
PHIL 102	Introduction to Philosophy	ARTH 304	Northern Baroque Art
PHIL 201	Social and Political Philosophy	ARTH 305	Italian Baroque: Metaphor and Marvel
PHIL 202	Contemporary Moral Problems (cross-listed with WOMS 203)	ARTH 308	Modern Architecture I: 1750-1900
PHIL 204	World Religions	ARTH 309	Modern Architecture II: 20th Century
PHIL 210	Women and Religion (cross-listed with WOMS 210)	ARTH 310	Role of the Artist in Society
PHIL 216	Introduction to Feminist Theory (cross-listed with WOMS 216)	ARTH 318	History of Photography
PHIL 241	Ethical Issues in Health Care (cross-listed with CSCC 241)	Black Ame	rican Studies (BAMS)
PHIL 244	Philosophy of Art	BAMS 134	History of Africa (cross-listed with HIST 134)
PHIL 246	Philosophical Perspectives of Medicine (cross-listed with CSCC 246)	BAMS 220	
PHIL 317	American Philosophy	BAMS 304	The American Civil Rights Movement (cross-listed with HIST 220) History of Black America to the Civil War (cross-listed with HIST 325)
PHIL 444	Medical Ethics (cross-listed with CSCC 444)	BAMS 306	History of Black America Since the Civil War (cross-listed with HIST 326)
Political Sc	ience (POSC)	BAMS 313	African American Literature I (cross-listed with ENGL 344)
POSC 285	Currents in Political Theory		
POSC 333	Communism, Fascism, and Democracy		Science and Culture (CSCC)
		CSCC 330	Varying Authors, Themes and Movements
Theatre (Th	HEA)		(cross-listed with CMLT 330, FLLT 330 and WOMS 330)
THEA 102	Introduction to Performance	CSCC 382	History of Western Medicine (cross-listed with HIST 382)
THEA 104	Introduction to Theatre and Drama	Comparati	ve Literature (CMLT)
THEA 106	The Theatrical Experience Abroad	CMLT 207	Great Writers of the Western World I (cross-listed with ENGL 211)
THEA 200	Introduction to Theatre Production	CMIT 208	Great Writers of the Western World II (cross-listed with ENGL 212)
THEA 202	Introduction to Theatre Design	CMLT 317	Film History (cross-listed with ENGL 317)
THEA 203	Introduction to Costuming	CMLT 321	Medieval Literature and Culture (cross-listed with ENGL 321)
THEA 206	Introduction to Dance	CMLT 330	Varying Authors, Themes, and Movements
THEA 410	Fundamentals of Dramaturay	CITIEI OOO	
THEA 410	Fundamentals of Dramaturgy		(cross-listed with CSCC 330, FLLT 330 and WOMS 330)
University	(UNIV)	CMIT 341	(cross-listed with CSCC 330, FLIT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341)
		CMIT 341 CMIT 342	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342)
University UNIV 490	(UNIV) Honors Tutorial: Humanities	CMLT 341 CMLT 342 CMLT 343	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343)
University UNIV 490 Women's S	(UNIV) Honors Tutorial: Humanities itudies (WOMS)	CMLT 341 CMLT 342 CMLT 343 CMLT 344	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344)
University UNIV 490 Women's S WOMS 100	(UNIV) Honors Tutorial: Humanities itudies (WOMS) Philosophies of Life (cross-listed with PHIL 100)	CMIT 341 CMIT 342 CMIT 343 CMIT 344	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST)
University UNIV 490 Women's S WOMS 100 WOMS 203	(UNIV) Honors Tutorial: Humanities itudies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202)	CMLT 341 CMLT 342 CMLT 343 CMLT 344 Consumer CNST 214	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities	CMLT 341 CMLT 342 CMLT 343 CMLT 344 Consumer CNST 214	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 208	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 209 WOMS 209	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 209 WOMS 210 WOMS 216	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S.
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 209 WOMS 210 WOMS 216 WOMS 320	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMIT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMIT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with CMIT 320 and FIIT 320)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 219 CNST 319 Economics ECON 315 ECON 316 ECON 318	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 216 WOMS 320 WOMS 320	Honors Tutorial: Humanities Honors Tutorial: Humanities Hudies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with CMLT 320 and FILT 320) French Literature in Translation (cross-listed with FILT 324)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (IGL)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 216 WOMS 320 WOMS 320 WOMS 324 WOMS 325	(UNIV) Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with CMLT 320 and FLIT 320) French Literature in Translation (cross-listed with FLIT 324) German Literature in Translation (cross-listed with FLIT 325)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature 1
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 210 WOMS 320 WOMS 325 WOMS 325 WOMS 325	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with FLIT 320) French Literature in Translation (cross-listed with FLIT 324) German Literature in Translation (cross-listed with FLIT 325) Hispanic Literature in Translation (cross-listed with FLIT 326)	CMLT 341 CMLT 342 CMLT 343 CMLT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 210 WOMS 210 WOMS 324 WOMS 324 WOMS 325 WOMS 325 WOMS 328	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with FHIL 320 and FLIT 320) French Literature in Translation (cross-listed with FILT 324) German Literature in Translation (cross-listed with FILT 325) Hispanic Literature in Translation (cross-listed with FILT 326) Topics: Japanese Literature in Translation (cross-listed with FLLT 328)	CMLT 341 CMLT 342 CMLT 343 CMLT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 210 WOMS 210 WOMS 324 WOMS 324 WOMS 325 WOMS 325 WOMS 328	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with FLIT 320) French Literature in Translation (cross-listed with FLIT 324) German Literature in Translation (cross-listed with FLIT 325) Hispanic Literature in Translation (cross-listed with FLIT 326)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 205 ENGL 211 ENGL 211	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 210 WOMS 210 WOMS 324 WOMS 324 WOMS 325 WOMS 325 WOMS 328	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with FHIL 320 and FLIT 320) French Literature in Translation (cross-listed with FILT 324) German Literature in Translation (cross-listed with FILT 325) Hispanic Literature in Translation (cross-listed with FILT 326) Topics: Japanese Literature in Translation (cross-listed with FLLT 328)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 219 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II Great Writers of the Western World I (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 216 WOMS 324 WOMS 325 WOMS 328 WOMS 328	Honors Tutorial: Humanities Revales (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with PKILT 324) German Literature in Translation (cross-listed with FLLT 324) German Literature in Translation (cross-listed with FLLT 325) Hispanic Literature in Translation (cross-listed with FLLT 326) Topics: Japanese Literature in Translation (cross-listed with FLLT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317 ENGL 321	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 216 WOMS 320 WOMS 320 WOMS 325 WOMS 325 WOMS 328 WOMS 328 WOMS 380	Honors Tutorial: Humanities Revales (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with CMLT 320 and FLIT 320) French Literature in Translation (cross-listed with FLIT 324) German Literature in Translation (cross-listed with FLIT 325) Hispanic Literature in Translation (cross-listed with FLIT 326) Topics: Japanese Literature in Translation (cross-listed with FLIT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317 ENGL 321 ENGL 340	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature to the Civil War
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 210 WOMS 310 WOMS 320 WOMS 325 WOMS 325 WOMS 328 WOMS 328 WOMS 328 WOMS 310 Anthropola	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with FLIT 320) French Literature in Translation (cross-listed with FLIT 324) German Literature in Translation (cross-listed with FLIT 325) Hispanic Literature in Translation (cross-listed with FLIT 326) Topics: Japanese Literature in Translation (cross-listed with FLIT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B Pagy (ANTH) Introduction to Social and Cultural Anthropology	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317 ENGL 317 ENGL 340 ENGL 341	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature: Civil War to World War II
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University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 210 WOMS 210 WOMS 321 WOMS 324 WOMS 325 WOMS 325 WOMS 326 WOMS 328 WOMS 328 WOMS 328 WOMS 328 WOMS 328 WOMS 324	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with FHIL 320 and FILT 320) French Literature in Translation (cross-listed with FILT 324) German Literature in Translation (cross-listed with FILT 325) Hispanic Literature in Translation (cross-listed with FILT 326) Topics: Japanese Literature in Translation (cross-listed with FILT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B PSY (ANTH) Introduction to Social and Cultural Anthropology Introduction to Historical Archaeology Peoples and Cultures of the Southwest	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 214 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 211 ENGL 317 ENGL 321 ENGL 341 ENGL 344 ENGL 345	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature I British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature: Civil War to World War II African American Literature I (cross-listed with BAMS 313) African American Literature II
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University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 216 WOMS 320 WOMS 325 WOMS 325 WOMS 325 WOMS 328	Honors Tutorial: Humanities Revales (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with CMLT 320 and FILT 320) French Literature in Translation (cross-listed with FILT 324) German Literature in Translation (cross-listed with FILT 325) Hispanic Literature in Translation (cross-listed with FILT 325) Topics: Japanese Literature in Translation (cross-listed with FILT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B Pay (ANTH) Introduction to Social and Cultural Anthropology Introduction to Historical Archaeology Peoples and Cultures of the Southwest Sociocultural History of Africa Peoples and Cultures of the Middle East	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 214 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 211 ENGL 317 ENGL 321 ENGL 341 ENGL 344 ENGL 345	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of France (ECI) British Literature I British Literature I Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature: Civil War to World War II African American Literature I (cross-listed with BAMS 313) African American Literature II Inguages and Literatures (FLLT) Varying Authors, Themes, and Movements
University UNIV 490 Women's S WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 210 WOMS 210 WOMS 320 WOMS 325 WOMS 325 WOMS 325 WOMS 328 WOMS 328 WOMS 328 WOMS 328 WOMS 321 Anthropolo ANTH 101 ANTH 105 ANTH 228 ANTH 261 ANTH 261 ANTH 265	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with PHIL 320) French Literature in Translation (cross-listed with FLLT 320) French Literature in Translation (cross-listed with FLLT 325) Hispanic Literature in Translation (cross-listed with FLLT 325) Hispanic Literature in Translation (cross-listed with FLLT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B GROUP	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317 ENGL 341 ENGL 341 ENGL 344 ENGL 345 Foreign Lar FLIT 330	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature: Civil War American Literature: Civil War to World War II African American Literature II Enguages and Literatures (FLLT) Varying Authors, Themes, and Movements (cross-listed with CMLT 330, CSCC 330 and WOMS 330)
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 208 WOMS 210 WOMS 210 WOMS 320 WOMS 320 WOMS 325 WOMS 325 WOMS 328 WOMS 328 WOMS 328 WOMS 328 WOMS 326 ANTH 101 ANTH 105 ANTH 260 ANTH 261 ANTH 265 ANTH 278	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMIT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMIT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with PHIL 320 and FILT 320) French Literature in Translation (cross-listed with FILT 324) German Literature in Translation (cross-listed with FILT 325) Hispanic Literature in Translation (cross-listed with FILT 326) Topics: Japanese Literature in Translation (cross-listed with FILT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B BY (ANTH) Introduction to Social and Cultural Anthropology Introduction to Historical Archaeology Peoples and Cultures of the Southwest Sociocultural History of Africa Peoples and Cultures of the Middle East High Civilizations of the Americas Historic Cultures of the Midd-Atlantic Region (cross-listed with HIST 278)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 CONSUMER CNST 214 CNST 214 CNST 224 CNST 319 ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317 ENGL 341 ENGL 344 ENGL 345 Foreign Lar FILIT 330 FILIT 375	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature: Civil War to World War II African American Literature I (cross-listed with BAMS 313) African American Literature II Inguages and Literatures (FLLT) Varying Authors, Themes, and Movements (cross-listed with CMLT 330, CSCC 330 and WOMS 330) Topics: Russian and Soviet Culture in Translation
University UNIV 490 Women's 5 WOMS 100 WOMS 203 WOMS 204 WOMS 205 WOMS 209 WOMS 210 WOMS 210 WOMS 316 WOMS 325 WOMS 324 WOMS 325 WOMS 328 WOMS 380 Anthropolo ANTH 101 ANTH 105 ANTH 261 ANTH 265 ANTH 261 ANTH 265 ANTH 261 ANTH 265 ANTH 261 ANTH 278 ANTH 322	Honors Tutorial: Humanities Studies (WOMS) Philosophies of Life (cross-listed with PHIL 100) Contemporary Moral Problems (cross-listed with PHIL 202) Gender and Knowledge Women in the Arts and Humanities Introduction to Drama (cross-listed with CMLT 218 and ENGL 208) Introduction to the Novel (cross-listed with CMLT 219 and ENGL 209) Women and Religion (cross-listed with PHIL 210) Introduction to Feminist Theory (cross-listed with PHIL 216) Varying Authors and Genres (cross-listed with CMLT 320 and FLLT 320) French Literature in Translation (cross-listed with FLLT 324) German Literature in Translation (cross-listed with FLLT 325) Hispanic Literature in Translation (cross-listed with FLLT 326) Topics: Japanese Literature in Translation (cross-listed with FLLT 328) Women Writers (cross-listed with ENGL 380 and JWST 380) GROUP B Bry (ANTH) Introduction to Social and Cultural Anthropology Introduction to Historical Archaeology Peoples and Cultures of the Southwest Sociocultural History of Africa Peoples and Cultures of the Middle East High Civilizations of the Americas Historic Cultures of the Mid-Atlantic Region (cross-listed with HIST 278) The City in American Culture (cross-listed with HIST 322)	CMIT 341 CMIT 342 CMIT 343 CMIT 344 Consumer CNST 214 CNST 224 CNST 319 Economics ECON 315 ECON 316 ECON 318 English (EN ENGL 205 ENGL 206 ENGL 211 ENGL 212 ENGL 317 ENGL 341 ENGL 341 ENGL 344 ENGL 345 Foreign Lar FLIT 330	(cross-listed with CSCC 330, FLLT 330 and WOMS 330) Theatre/Drama: Classic/Medieval (cross-listed with THEA 341) Theatre/Drama: Renaissance to 1700 (cross-listed with THEA 342) Theatre/Drama: 1700 to 1900 (cross-listed with THEA 343) Theatre/Drama: 1900 to Present (cross-listed with THEA 344) Studies (CNST) Costume History Before 1700 Costume Design and Production Since 1700 Dress and Culture (ECON) Economic History of Colonial America Economic History of the U.S. Economic History of France (GL) British Literature I British Literature II Great Writers of the Western World I. (cross-listed with CMLT 207) Great Writers of the Western World II (cross-listed with CMLT 208) Film History (cross-listed with CMLT 317) Medieval Literature and Culture (cross-listed with CMLT 321) American Literature: Civil War American Literature: Civil War to World War II African American Literature I (cross-listed with BAMS 313) African American Literature II Inguages and Literatures (FLLT) Varying Authors, Themes, and Movements (cross-listed with CMLT 330, CSCC 330 and WOMS 330)
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German (G	KMN)		MUSC 313	Music History: 1825 to the Present
GRMN 311	Introduction to German Literature I (to be taught in German)		MUSC 345	History of Theatre: American Musical Theatre
GRMN 312	Introduction to German Literature II (to be taught in German)			(cross-listed with THEA 345)
GRMN 325	German Civilization and Culture (to be taught in German)		Dhilosophy	, /DUII \
			Philosophy	
History (HI	>!)		PHIL 301	Ancient Philosophy
HIST 101	Western Civilization to 1648		PHIL 302	Medieval Philosophy
HIST 102	Western Civilization: 1648 to Present		PHIL 303	Modern Philosophy
HIST 103	World History to 1648		PHIL 309	Indian Religion and Philosophy
HIST 104	World History: 1648 to Present		PHIL 310	Chinese Religion and Philosophy
HIST 130	Islamic Near East: 600-1500		1 1	
			Political Sc	ience (POSC)
HIST 131	Islamic Near East: 1500 to Present		POSC 311	Politics of Developing Nations
HIST 134	History of Africa (cross-listed with BAMS 134)		POSC 387	American Political Thought
HIST 135	Introduction to Latin American History		FO3C 307	American romical moogni
HIST 137	East Asian Civilization: China	S i	Russian (R	USS)
HIST 138	East Asian Civilization: Japan		•	Introduction to Russian Literature I (to be taught in Russian)
HIST 205	United States History		RUSS 310	
HIST 206	United States History		RUSS 312	Introduction to Russian Literature II (to be taught in Russian)
HIST 210	War and Society		RUSS 325	Russian Civilization and Culture (to be taught in Russian)
		2201	Snanich /S	DAMI
HIST 220	The American Civil Rights Movement (cross-listed with BAMS	220)	Spanish (S	
HIST 270	History of Modern Asia		SPAN 301	Survey of Spanish Literature (to be taught in Spanish)
HIST 278	Historic Cultures of the Mid-Atlantic Region		SPAN 302	Survey of Spanish Literature (to be taught in Spanish)
	(cross-listed with ANTH 278)		SPAN 303	Survey of Spanish-American Literature (to be taught in Spanish)
HIST 280	Science and Civilization		SPAN 304	Survey of Spanish-American Literature (to be taught in Spanish)
HIST 300	Women in American History (cross-listed with WOMS 300)		SPAN 325	Spanish Civilization and Culture (to be taught in Spanish)
HIST 303	American Intellectual History		SPAN 326	Latin American Civilization and Culture (to be taught in Spanish)
HIST 304			3FAIN 320	Lann American Civilization and Collete to be laught in Spanish
	American Intellectual History	4.4	Theatre (Th	HEA)
HIST 306	History of American Foreign Policy			
HIST 315	Postwar America: The United States Since 1945		THEA 341	Theatre/Drama: Classic/Medieval (cross-listed with CMLT 341)
HIST 318	Colonial America		THEA 342	Theatre/Drama: Renaissance to 1700 (cross-listed with CMLT 342
HIST 319	Revolutionary America		THEA 343	Theatre/Drama: 1700 to 1900 (cross-listed with CMLT 343)
HIST 322	The City in American Culture (cross-listed with ANTH 322)		THEA 344	Theatre/Drama: 1900 to Present (cross-listed with CMLT 344)
HIST 325	History of Black America to the Civil War		THEA 345	History of Theatre: American Musical Theatre
11101 023	(cross-listed with BAMS 304)			(cross-listed with MUSC 345)
LUCT 204			THEA 346	
HIST 326	History of Black America Since the Civil War		111LA 340	History of Theatre: The American Theatre
	(cross-listed with BAMS 306)		Women's S	itudies (WOMS)
HIST 330	Peasants and Revolution in Africa			
HIST 340	Ancient Near East and Greece		MONS 300	Women in American History (cross-listed with HIST 300)
HIST 341	Ancient Rome		MOW2 330	Varying Authors, Themes, and Movements
HIST 344	Renaissance Europe			(cross-listed with CMLT 330, CSCC 330 and FLLT 330)
HIST 345	Europe in the Reformation Era: 1517 to 1648			
HIST 348				GROUP C
	History of Spain: 1479 to Present		Anthropolo	ogy (ANTH)
HIST 349	Hispanic Societies: 1492 to Present			
HIST 353	Modern Germany: 1770 to 1919		ANTH 103	Introduction to Prehistoric Archaeology
HIST 354 '	Germany in 20th Century: 1914 to Present			(duplicate credit with ANTH 104 in Group D)
HIST 355	Early Modern Intellectual History		ANTH 222	Technology and Culture
HIST 356	Modern European Intellectual History		ANTH 225	Peasant Societies
HIST 359	Soviet Russia: 1917 to 1990		ANTH 229	Indians of North America
HIST 368	Modern China: 1600-1920s		ANTH 230	Peoples of the World
HIST 369	China Since 1900		ANTH 255	Applied Anthropology
			ANTH 259	Hunting Societies
HIST 370	History of Modern Japan			Destruction of Nicoth Association
HIST 371	Postwar Japan		ANTH 320	Prehistory of North America
HIST 372	Popular Culture in Urban Japan		ANTH 337	South American Indians
HIST 373	Modern Ireland: 1534-Present		ANTH 370	Culture of Food Production and Economic Development
HIST 374	History of England to 1715		ANTH 377	Ecological Anthropology
HIST 375	History of England: 1715 to Present		ANTH 380	Peoples and Cultures of Mexico and Central America
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
HIST 377	Radicalism and Revolution: Islamic Movements in the		Arts and S	cience (ARSC)
LUCTION	Modern Middle East		ARSC 127	Shaping of the Modern World
HIST 378	Nationalism in the Modern Middle East			
HIST 380	History of the Arab-Israeli Conflict		Black Ame	rican Studies (BAMS)
HIST 382	History of Western Medicine (cross-listed with CSCC 382)		BAMS 110	Introduction to Black American Studies
HIST 383	History of Science and Medicine I		BAMS 204	Urban Communities (cross-listed with SOCI 204)
HIST 384	History of Science and Medicine II			
HIST 387	Technology in Western Civilization I		BAMS 205	Contemporary Afro-American Issues
HIST 388	Technology in Western Civilization II		BAMS 212	Afro-Caribbean Life and Culture
	Technology in Western Civilization II		BAMS 361	Race, Power, and Social Conflict (cross-listed with SOCI 361)
HIST 393	History of Modern Vietnam		Camban fam	Salaman and Culture (CSCC)
HIST 397	History of South Africa		Center for	Science and Culture (CSCC)
HIST 474	Seminar in English History		CSCC 271	Comparative Medical Systems
HIST 479	Seminar in Asian History		CSCC 310	Sociology of Health Care (cross-listed with SOCI 310)
			CSCC 311	Hospitals (cross-listed with SOCI 311)
Italian (ITA)				
ITAL 310	Survey of Italian Literature (to be taught in Italian)		Cognitive S	icience (CGSC)
ITAL 311	Survey of Italian Literature (to be taught in Italian)		CGSC 270	Introduction to Cognitive Science
ITAL 325	Italian Civilization and Culture		Communic	ation (COMM)
Music (MUS	iC)			Introduction to Human Communication Systems
-				
MUSC 107	History of Rock			Mass Communication and Culture
MUSC 205	Music of the Non-Western World			The Development of Verbal Communication
MUSC 206	Music of China, Korea and Japan		COWW 330	Communication and Interpersonal Behavior
MUSC 207	The control of the co		_	Studios (CNST)
111000	History of Jazz			
MUSC 311			Consumer :	
	Music History: 1o 1600 Music History: 1600 through 1827		Consumer : CNST 200	Consumer Economics

Criminal I	ustice (CRJU)	WOME 204	W and West forces listed with SOCI 2061
			Women and Work (cross-listed with SOCI 206)
CRJU 110	Introduction to Criminal Justice		Men, Conflict, and Social Change (cross-listed with SOCI 211)
CRJŲ 120	Illicit Drug Use in America		Language and Gender (cross-listed with LING 222)
CRJU 201	Problems of Law Enforcement	WOMS 333	Psychology of Women (cross-listed with PSYC 333)
CRJU 202	Problems of Criminal Judiciary	WOMS 407	Sociology of Sex and Gender (cross-listed with SOCI 407)
			designed of the control of the contr
CRJU 203	Problems of Corrections	1.	GROUP D
CRJU 345	Sociology of the Law (cross-listed with SOCI 345)	A 1	
Economics	/ECONII	Anthropole	ogy (ANTH)
		ANTH 102	Introduction to Biological Anthropology
ECON 100	Economic Issues and Policies		(duplicate credit with ANTH 104)
ECON 151	Introductory Microeconomics: Prices and Markets	ANTH 104	Introduction to Archaeology and Biological Anthropology (duplicate
ECON 152		VIAIL IO4	
ECON 305			credit with ANTH 102, and with ANTH 103 in Group C)
		ANIH 202 ·	Human Evolution and the Fossil Record
ECON 306		Biology (B	ICC)
ECON 311	Economics of Developing Countries	•••	·
ECON 332	Economics of Government Spending and Taxation	BISC 103	General Biology (Both BISC 103 and BISC 207 cannot be used to
ECON 340	International Economics		fulfill Group D. Duplicate credit if taken after BISC 207)
ECON 348	Industrial Policies of France	BISC 113	General Biology Laboratory
ECON 360	Government Regulation of Business	BISC 104	Neurobiology of the Brain
ECON 381	Economics of Human Resources	BISC 105	Human Heredity and Development
ECON 393	Urban Economics	BISC 115	Human Heredity and Development Laboratory
10014373	Orban Economics	BISC 106	
English (EN	NGL)		Elementary Human Physiology
		BISC 116	Elementary Human Physiology Laboratory
ENGL 390	English Linguistics (cross-listed with LING 390)	BISC 107	Elementary Evolutionary Ecology
Geograph	v (GEOG)	BISC 117	Elementary Evolutionary Ecology Laboratory
		BISC 110	Viruses, Genes, and Cancer
	Human Geography	BISC 152	Biology of Human Sexuality
	World Regional Geography	BISC 171	Microbiology in Modern Society
GEOG 210	Economic Geography	BISC 195	Biological Evolution
GEOG 230	Humans and the Earth Ecosystem		Introductory Biology I (Both BISC 102 and BISC 207
	Conservation of Natural Resources	BISC 207	Introductory Biology I (Both BISC 103 and BISC 207
	Environment and Behavior		cannot be used to fulfill Group D)
		BISC 208	Introductory Biology II
GEOG 320	Water and Society	Chamistons	(CUEM)
History (H	IST)	Chemistry	
		. CHEM 100	Chemistry and the Human Environment
HIST 327	American Labor before Industrialization	CHEM 101	General Chemistry (duplicate credit with CHEM 103, 105, 111)
Limanistics	// INC	CHEM 102	General Chemistry (duplicate credit with CHEM 104, 112)
Linguistics		CHEM 103	General Chemistry (duplicate credit with CHEM 101, 105, 111)
LING 101	Introduction to Linguistics I	CHEM 104	
LING 102	Language, Mind and Society		
LING 203	Languages of the World	CHEM 105	General Chemistry (duplicate credit with CHEM 101, 103, 111)
LING 222	Language and Gender (cross-listed with WOMS 222)	CHEM 111	General Chemistry (duplicate credit with CHEM 101, 103, 105)
LING 265	Studies in Language	CHEM 112	General Chemistry (duplicate credit with CHEM 102, 104)
LING 390			** (40.55)
LING 390	English Linguistics (cross-listed with ENGL 390)	Cognitive	Science (CGSC)
Political Sc	ience (POSC)	CGSC 314	Brain and Behavior (cross-listed with PSYC 314)
			1. (
POSC 105	The American Political System	•	and Information Sciences (CISC)
POSC 106	Introduction to Political Science: Issues	CISC 101	Computers and Information Systems
POSC 220	Introduction to Public Policy	CISC 105	General Computer Science
POSC 240	Introduction to International Relations	CISC 106	General Computer Science for Engineers
POSC 270	Comparative Politics		
POSC 306	Economic Theory of Politics (cross-listed with ECON 306)	Entomolog	y (ENTO)
POSC 343	Society, Politics, and Health Care (cross-listed with SOCI 343)	ENTO 201	Wildlife Conservation and Ecology
		ENTO 205	Elements of Entomology
Psychology	y (PSYC)		
PSYC 201	General Psychology	ENTO 305	Entomology Laboratory
DCVC CCI	n le	Geography	(GFOG)
PSYC 301	Personality		
PSYC 303	Introduction to Social Psychology	GEOG 101	Physical Geography
PSYC 325	Child Psychology	GEOG 101 GEOG 152	Physical Geography Climate and Life
		GEOG 101 GEOG 152 GEOG 206	Physical Geography Climate and Life Physical Geography: Topography—Soils
PSYC 325 PSYC 333	Child Psychology Psychology of Women (cross-listed with WOMS 333)	GEOG 101 GEOG 152	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology
PSYC 325	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI)	GEOG 101 GEOG 152 GEOG 206 GEOG 220	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology
PSYC 325 PSYC 333	Child Psychology Psychology of Women (cross-listed with WOMS 333)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography
PSYC 325 PSYC 333 Sociology (SOCI 201	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology	GEOG 101 GEOG 152 GEOG 206 GEOG 220	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 Geology (G	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SECL) General Geology (duplicate credit with GEOL 107)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SECL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 105 GEOL 106 GEOL 107	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography BEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 107	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 105 GEOL 107 GEOL 109 GEOL 110	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography BEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 211	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 110	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SECL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 211 SOCI 211 SOCI 308	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SECL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 211 SOCI 308 SOCI 310	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 234	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 211 SOCI 311 SOCI 311	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 243	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SECL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 211 SOCI 311 SOCI 311	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 243	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 210 SOCI 211 SOCI 311 SOCI 311 SOCI 311 SOCI 322	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 245	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 211 SOCI 311 SOCI 311 SOCI 312 SOCI 322 SOCI 343	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 243	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 210 SOCI 211 SOCI 308 SOCI 311 SOCI 311 SOCI 311 SOCI 343 SOCI 345	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRJU 345)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 245 Linguistics	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 210 SOCI 211 SOCI 308 SOCI 311 SOCI 311 SOCI 322 SOCI 343 SOCI 345 SOCI 361	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRIU 345] Race, Power, and Social Conflict (cross-listed with BAMS 361)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 245	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 311 SOCI 311 SOCI 311 SOCI 322 SOCI 343 SOCI 361 SOCI 361 SOCI 362	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRJU 345) Race, Power, and Social Conflict (cross-listed with BAMS 361) Sociology of Mass Communication	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 243 GEOL 245 Linguistics LING 253	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 210 SOCI 211 SOCI 308 SOCI 311 SOCI 311 SOCI 322 SOCI 343 SOCI 345 SOCI 361	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRIU 345] Race, Power, and Social Conflict (cross-listed with BAMS 361)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 123 GEOL 233 GEOL 234 GEOL 245 Linguistics LING 253 Mathemati	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING) Laboratory Phonetics cal Sciences (MATH)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 210 SOCI 211 SOCI 308 SOCI 311 SOCI 322 SOCI 343 SOCI 345 SOCI 362 SOCI 362 SOCI 407	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRIU 345) Race, Power, and Social Conflict (cross-listed with BAMS 361) Sociology of Mass Communication Sociology of Sex and Gender (cross-listed with WOMS 407)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 243 GEOL 245 Linguistics LING 253 Mathemati MATH 210	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography BEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING) Laboratory Phonetics cal Sciences (MATH) Discrete Mathematics I (duplicate credit with MATH 230)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 209 SOCI 210 SOCI 211 SOCI 308 SOCI 311 SOCI 311 SOCI 322 SOCI 343 SOCI 345 SOCI 362 SOCI 362 SOCI 407	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRIU 345) Race, Power, and Social Conflict (cross-listed with BAMS 361) Sociology of Mass Communication Sociology of Sex and Gender (cross-listed with WOMS 407) Itudies (WOMS)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 243 GEOL 243 GEOL 245 Linguistics LING 253 Mathemati MATH 210 MATH 221	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography BEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING) Laboratory Phonetics cal Sciences (MATH) Discrete Mathematics I (duplicate credit with MATH 230) Calculus I (duplicate credit with MATH 241)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 311 SOCI 311 SOCI 311 SOCI 322 SOCI 343 SOCI 361 SOCI 361 SOCI 362 SOCI 407 Women's S	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRIU 345] Race, Power, and Social Conflict (cross-listed with BAMS 361) Sociology of Mass Communication Sociology of Sex and Gender (cross-listed with WOMS 407) Introduction to Women's Studies	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 234 GEOL 245 Linguistics LING 253 Mathemati MATH 210 MATH 210 MATH 230	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography SECL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING) Laboratory Phonetics cal Sciences (MATH) Discrete Mathematics I (duplicate credit with MATH 230) Calculus I (duplicate credit with MATH 241) Finite Mathematics with Applications (duplicate credit with MATH 210)
PSYC 325 PSYC 333 Sociology (SOCI 201 SOCI 202 SOCI 203 SOCI 204 SOCI 206 SOCI 209 SOCI 210 SOCI 311 SOCI 311 SOCI 311 SOCI 322 SOCI 343 SOCI 361 SOCI 361 SOCI 362 SOCI 407 Women's S	Child Psychology Psychology of Women (cross-listed with WOMS 333) (SOCI) Introduction to Sociology Social Deviance The Individual and Society Urban Communities (cross-listed with BAMS 204) Women and Work (cross-listed with WOMS 206) Social Problems Population Problems Men, Conflict, and Social Change (cross-listed with WOMS 211) The Family Sociology of Health Care (cross-listed with CSCC 310) Hospitals (cross-listed with CSCC 311) Crowds, Cults, and Revolutions Society, Politics, and Health Care (cross-listed with POSC 343) Sociology of Law (cross-listed with CRIU 345) Race, Power, and Social Conflict (cross-listed with BAMS 361) Sociology of Mass Communication Sociology of Sex and Gender (cross-listed with WOMS 407) Itudies (WOMS)	GEOG 101 GEOG 152 GEOG 206 GEOG 220 GEOG 250 GEOL 105 GEOL 106 GEOL 107 GEOL 109 GEOL 110 GEOL 144 GEOL 233 GEOL 243 GEOL 243 GEOL 245 Linguistics LING 253 Mathemati MATH 210 MATH 221	Physical Geography Climate and Life Physical Geography: Topography—Soils Meteorology Computer Methods in Geography BEOL) General Geology (duplicate credit with GEOL 107) General Geology (duplicate credit with GEOL 108) General Geology I (duplicate credit with GEOL 105) Planets, Asteroids and Impacts Evolution and Extinction (duplicate credit with GEOL 144) Evolution and Earth History (duplicate credit with GEOL 110) The Ice Ages and Human Chronology Earth Resources and Ecology Rocks and Minerals Volcanoes and Earthquakes (LING) Laboratory Phonetics cal Sciences (MATH) Discrete Mathematics I (duplicate credit with MATH 230) Calculus I (duplicate credit with MATH 241)

Nutrition and Dietetics (NTDT)

NTDT 200 Nutrition Concepts

Philosophy (PHIL)

PHIL 205	Logic (PHIL 351 alternate Duplicate credit if take	en after PHIL 351)
PHIL 207	Inductive Logic and Scientific Method	•
PHIL 211	Basic Decision Theory	
PHII 351	Advanced Logic (alternate to PHIL 205)	

PHIL 211	Basic Decision Theory
PHIL 351	Advanced Logic (alternate to PHIL 205)
Physics (Pl	HYS)
PHYS 104	Elementary Physics
	(duplicate credit with PHYS 201, PHYS 207, and SCEN 101)
PHYS 133	Introduction to Astronomy
PHYS 140	Great Concepts of Physics
PHYS 141	Light, Lasers, Cameras, Perception
PHYS 143	Energy, Technology, and Society
PHYS 144	Concepts of the Universe
	(duplicate credit if taken after PHYS 133 or 134)
PHYS 145	Quasars, Black Holes, and the Universe
PHYS 146	Quarks, Gluons, and the Big Bang
PHY\$ 147	Atoms for Everyone
PHYS 201	Introductory Physics I
	(duplicate credit with PHYS 104, 207, and SCEN 101)
PHYS 202	Introductory Physics II

(duplicate credit with PHYS 208 and SCEN 102)

(duplicate credit with PHYS 104, 201, and SCEN 101)

(duplicate credit with PHYS 202 and SCEN 102) Plant Science (PLSC)

PLSC 101 Botany I

Psychology (PSYC)

PSYC 314 Brain and Behavior (cross-listed with CGSC 314)

Fundamentals of Physics I

Fundamentals of Physics II

Science (SCEN)

PHYS 207

PHYS 208

SCEN 101	Physical Science (duplicate credit with PHYS 104, 201, and 207).
SCEN 102	Physical Science (duplicate credit with PHYS 202 and 208)
SCEN 103	Concepts of Science and Technology

Statistics (STAT)

STAT 201 Introduction to Statistics I (duplicate credit with STAT 205)
STAT 205 Statistical Methods (duplicate credit with STAT 201)

The College of Arts and Science publishes a handbook of further information regarding the specific courses that are applicable and a detailed description of the objectives of each group. The handbook is available from the Advisement Center and Dean's Office. Questions on the application of courses to group requirements may be directed to the Advisement Center and Dean's Office.

MAJORS AND MINORS

Every attempt has been made to present an accurate description of the curriculum requirements in the programs that follow. However, programs and policies may be changed during the academic year, and students are advised to check with the department concerned or the Advisement Center and Dean's Office, Room 102, Elliott Hall, 831-1281, for the most current information.

AFRICAN STUDIES

The African Studies Minor has been designed to provide an intellectually coherent program of study based upon regularly offered courses in the fields of African history and culture, as well as anthropology.

REQUIREMENTS FOR THE MINOR IN AFRICAN STUDIES

Eighteen credit hours drawn from the list of courses below 12 credit hours must be from courses that deal with Africa proper. (Students must consult with the program coordinator on making their selection of courses. It should be noted that not all courses are offered every semester.)

6 credits in	Anthropology, selected from the following:	
ANTH 260	Socio Cultural History of Africa	3
ANTH 333	Peoples of Africa	3
ANTH 368	Anthropology of Slavery	3
ANTH 457/6	57 Survey of African Art	3
6 credits in	History, selected from the following:	
HIST 134	History of Africa Peasants and Revolution in Africa	3
HIST 330	Peasants and Revolution in Africa	3
HIST 394	Africa Since 1960	
HIST 395	Pan Africanism	3
HIST 397	History of South Africa	3
HIST 440	Africa Under Colonial Rule	3
3 credits fro	om Black American Studies, selected from the following	j:
BAMS/HIST 3	331 History of the Caribbean I	3
HIST 332	History of the Caribbean II	3
BAMS 367	331 History of the Caribbean I History of the Caribbean II Africanisms in America	3
3 credits fro	om other areas, which may include:	
POSC 433	African Political Systems	3

Any request for changes or exceptions to these requirements must be made in writing to Dr. W. Maloba, Program Coordinator, 316 Ewing (Ext. 2189).

ANTHROPOLOGY

Anthropology is the study of humans and their works. The field both the comparative study of worldwide variations in culture and the development of humankind from prehistoric to contemporary times. Anthropology at the University of Delaware encompasses three distinct but interconnected fields of study: social and cultural anthropology, physical or biological anthropology, and archaeology Social and cultural anthropologists undertake holistic comparative studies of communities throughout the world, studying their art forms, religions, social organizations, and political and economic institutions. Physical anthropology addresses itself to the evolutionary differentiation of primates, the emergence of hominid populations, primate behavior and processes of adaptation in modern populations. Archaeological work is directed toward recovering the physical remains of prehistoric and historic communities and retracing their many different forms of cultural development and adaptation.

The undergraduate program at the University emphasizes a variety of subspecialties in social and cultural anthropology, but provides, nevertheless, a broad perspective on the fields of archaeology and physical anthropology. Because the department is devoted primarily to undergraduate instruction, students can take advantage of many opportunities to work closely with the faculty and to participate in small seminar classes. Courses are enriched by visits to museums and special exhibits in neighboring cultural centers, by films, and by local field inquiry

DEGREE: BACHELOR OF ARTS MAJOR: ANTHROPOLOGY

MAJOR: ANTHROPOLOGY	
CURRICULUM	CREDITS
See page 56 for University and College requirements.	
MAJOR REQUIREMENTS	
Within the Department	
Social and Cultural Anthropology courses Biological Anthropology courses Archaeological Anthropology courses ANTH 486 Tutorial in Social and Cultural Anthropology ANTH 487 Tutorial in Archaeology	
ANTH 488 Tutorial in Physical Anthropology Anthropology course	
A minimum of six credits must be taken at the 200-level and a minimum of twelve credits must be taken at the 300-level.	n
ELECTIVES After required courses are completed sufficient elective credits must be taken to meet the minimum credit requirement for the degree	

CREDITS TO TOTAL A MINIMUM OF...... 124

DEGREE: BACHELOR OF ARTS MAJOR: ANTHROPOLOGY EDUCATION

CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department Social and Cultural Anthropology courses Archaeological Anthropology courses Tutorial in Social and Cultural Anthropology ANTH 486 ANTH 487 Tutorial in Archaeology ANTH 488 Tutorial in Physical Anthropology Anthropology course A minimum of six credits must be taken at the 200-level and a minimum of twelve credits must be taken at the 300-level Within the College Economics course Geography course ±, the control of th History course
Political Science course Sociology course 3
PSYC 201 General Psychology 3
Six additional credits selected from the departments listed above 6 **Professional Studies** Education in a Multicultural Society **EDST 201** EDST 304 Educational Psychology - Social Aspects
Educational Psychology - Cognitive Aspects **EDST 305** Planning a Course of Instruction

Seminar: Problems in Teaching History and Social Sciences **HIST 491 HIST 493**

To be eligible to student teach, Anthropology Education majors must have a g.p.a. of 3.0 in their major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p 155) to obtain the student teaching application and other information concerning student teaching policies

Student Teachina

FDST 420

EDDV 400

CREDITS TO TOTAL A MINIMUM OF 124

Reading in the Content Areas

Honors Program. Honors majors must complete a minimum of 33 credit hours of approved courses to include 18 Honors credits (6 credits of Honors Thesis). All Honors majors must complete satisfac-

torily the following:	CREDITS
Social and Cultural Anthropology courses	
Biological Anthropology courses	6
Archaeological Anthropology courses	6
ANTH 486 Tutorial in Social and Cultural Anthropology	
ANTH 487 Tutorial in Archaeology	
or	
ANTH 488 Tutorial in Physical Anthropology	
Anthropology course	3

A minimum of 6 credits must be taken at the 200-level and a minimum of 12 credits must be taken at the 300-level.

The Department will strongly encourage Honors students to take special problem courses beyond the 33 hours required in Anthropology. For University requirements for the Honors bachelor's degree, see the University Honors Program in the Special Programs section of this catalog.

INTERDEPARTMENTAL MAJORS

An interdepartmental major, for students having interests in two areas, requires 21 credits each in anthropology and in one other department. The following areas are required by the Anthropology Department:

- · 3 Credits in biological anthropology
- · 3 Credits in archaeology

- 9 Credits in social and cultural anthropology
- 12 Credits at the 300-level or above
- · 3 Credits of any 48X Tutorial

A 48X Tutorial satisfies a 300+ requirement as well as any three credits in a subdiscipline (e.g. ANTH 486 would also satisfy three of the nine credit hours required in social and cultural anthropology).

Students should consult with their advisors for additional information on interdepartmental majors.

REQUIREMENTS FOR THE MINOR IN ANTHROPOLOGY

Students wishing to minor in anthropology must complete 18 credits in anthropology courses distributed as follows: 6 credits in 200-level courses and 12 credits in 300- and 400-level courses.

ART

The Department of Art is a studio-oriented department offering a wide range of visual arts activities and subject areas. The art major may elect to concentrate in ceramics, fibers, illustration, metals, painting, photography, printmaking, sculpture, or visual communications (advertising design, applied photography, graphic design). The courses of study are designed to prepare the student for professional practice in the student's chosen area of specialization.

The department enjoys an excellent reputation and has a Macintosh-based computer site within the department, including imaging and layout software, scanners, and color printers. The proximity of the University to major cultural centers of the northeastern United States provides students with easy access to important museums and galleries and allows for an outstanding program of visiting artists

The Department of Art offers two undergraduate degrees: Bachelor of Arts (B.A.) and Bachelor of Fine Arts (B.F.A. in Fine Arts and Visual Communications). The BA degree requires 36 credit hours minimum of art courses and 45 credit hours maximum. The BFA degree requires 69 credit hours minimum of art courses and 80 credit hours maximum. All grades in art courses must be C- or better. Admission to the B.F.A. is contingent upon submission of a portfolio of slides and/or original work after completion of the freshman year, a minimum of 12 credits of foundation courses and a 2.66 GPA in studio art courses. A limited number of students are admitted to the BFA degree programs.

Foundation studio art courses are taken in the freshman year. The Foundation Colloquium is taken both semesters of the freshman year. Art concentration, art studies, and art electives are taken in the sophomore through senior years. Art 315 is taken after completion of 62 credits and may be applied toward both the art major requirement and a breadth requirement, but credits are counted only once toward the total credits for graduation. Art 416 and Art 417 are only required of BFA majors and are taken in the senior year. Art History courses may be applied toward both the art major requirement and a breadth requirement, but credits are counted only once toward the total credits for graduation.

DEGREE: BACHELOR OF ARTS MAJOR: ART

See page 56 for University and College requirements.

MAJOR REQUIREMENTS

Within the Department

Art Foundation

~,,	round	11011	
ART	110	Foundation Drawing I	3
ART	111	Foundation 2D Design	3
ART	112	Foundation Drawing II	3
ART	113	Foundation 3D Design	3

CREDITS

ART 114 Foundation Colloquium (fall semester) ART 115 Foundation Colloquium (spring semester) ART 114/115 Required fall and spring of freshman year	
Twelve credits beyond those that might have been taken as part of founda- tion requirements. At least three credits must be at the 400-level. (ceramics, fibers, illustration, metals, painting, photography, printmaking, sculpture)	12
Art Electives Courses from department disciplines outside of art concentration. ART 315 Issues in Contemporary Art	
Within the College Art History courses	
ELECTIVES	
After required courses are completed sufficient elective credits must be taken to meet the minimum credit requirement for the degree	
CREDITS TO TOTAL A MINIMUM OF	24
DEGREE: BACHELOR OF FINE ARTS MAJOR: FINE ARTS, VISUAL COMMUNICATIONS	
	DITS
UNIVERSITY REQUIREMENTS	.0110
ENGL 110 Critical Reading and Writing (minimum grade C-) Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20)	
COLLEGE REQUIREMENTS	
Skill Requirements	
Writing: (minimum grade C-) A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 62 credit hours. Appropriate writing courses are normally designated in the semester's Registration Booklet.	3
(See list of courses approved for second writing requirement, page 59.) Mathematics:	
MATH 114 College Mathematics and Statistics (designed for students who do not intend to continue the study of mathematics)	3
(designed for students who intend to continue the study of mathematics)	3
or One of the following:	
MATH 221 Calculus I. MATH 241 Analytic Geometry and Calculus A	
or Successful performance on the college proficiency exam.	
Breadth Requirements (See page 60)	0
Group A	9
Group B The study of culture and institutions over time. Nine credits representing at least two areas.	9
Group C Empirically based study of human beings and their environment. Nine credits representing at least two areas	9
Group D The study of natural phenomena through experiment and analysis. A minimum of seven credits representing at least two areas including a minimum of one course with an associated laboratory.	7
MAJOR REQUIREMENTS	
Within the Department	
NOTE: 69 credit hours minimum Art Department courses; 80 credit hours maximum Art Department courses; all grades in art must be C- or better. **Art Foundation**	
ART 110 Foundation Drawing I	. 3

ART 113 Foundation 3D Design ART 114 Foundation Colloquium (fall semester) ART 115 Foundation Colloquium (spring semester) ART 114/115 Required fall and spring of freshman year	0
Area of Concentration Art Concentration Taken from a specified sequence of courses for each discipline in the department At least nine credits must be at the 400-level (advertising design, applied photography, ceramics, fibers, graphic design, illustration, metals, painting, photography, printmaking, sculpture)	21
Art Studies Taken from a list of specified courses established for each discipline.	21
Art Electives ART 315 Issues in Contemporary Art ART 416 Professional Practices ART 417 BFA Exhibition	3
Within the College Art History courses	9
ELECTIVES After required courses are completed sufficient elective credits must be taken to meet the minimum credit requirement for the degree	
CREDITS TO TOTAL A MINIMUM OF 1	24

REQUIREMENTS FOR A MINOR IN ART

5 tudents must obtain written permission from the chair before declaring the minor. Admitted students will be assigned an advisor, generally in the discipline of study. Eighteen credits are required, distributed as follows:

- a) Three studio art courses at the 100-200 level from one or two disciplines.
 b) Two studio art courses at the 300-400 level from one or two disciplines.
 c) One related nonstudio art, art history or art criticism course.
 3 credits
- ART CONSERVATION

Conservation encompasses interdisciplinary approaches to the study and care of art and other cultural property. Conservators are professionals who have the specialized knowledge and skills in the arts, sciences, and other fields that enable them to undertake scientific studies on objects, stabilizing the structure and reintegrating the appearance of deteriorated cultural artifacts, and establishing the environment in which artifacts are best preserved. Often, conservators specialize in some particular material or group of objects such as paintings, art on paper, textiles, library and archival artifacts, photographs, archeological or ethnographic materials, sculpture, furniture, or decorative objects. Conservation demands a broad knowledge of many subjects in the sciences and humanities, the astuteness to make sound judgements, the development of excellent manual skills, and the temperament and ability to carry out precise work.

The Art Conservation Department has established two separate concentrations for undergraduate majors. Both concentrations focus on interdisciplinary study in chemistry, studio arts, and art history or anthropology with a focus on art conservation. Students must choose either the concentration in Pre-Graduate Studies for Art Conservation, which prepares students for graduate-level study in a formal academic conservation program or the concentration in Collections Care, which prepares students for a more general art-related career, focussing on collections management and care.

Working closely with an advisor, the students elect a concentration as well as coordinated courses in the Departments of Anthropology, Art, Art History, Chemistry and Biochemistry, and others. During their junior or senior years, majors are required to participate in one or two on-site internships in local conservation laboratories. Specialized courses in the historic development of art materials and techniques and the general philosophy and practice of art conservation and preservation are also required. Students in this program must earn a minimum of a C- in all required courses.

MAJOR:	BACHELOR OF ARTS ART CONSERVATION TRATION: COLLECTIONS CARE	
CURRICULU		CREDITS
-,	56 for University and College requirements.	CKEDIIO
	EQUIREMENTS	56
	Departments	
Art Conse	rvation:	
	dits as follows:	18
ARTC 301 ARTC 302	Care and Preservation of Cultural Property I Care and Preservation of Cultural Property II	3
ARTC 464	Conservation Internship (one semester)	3
ARTC 485	(Junior and/or Senior status only) Color Mixing and Matching	
ARTC 488	Studio in the Materials and Techniques of Painting I	
or ARTC 489	Studio in the Materials and Techniques of Painting II	
ARTC 489	Studio in the Materials and Techniques of Drawing in the We	
or		
ARTC 490	Studio in the Materials and Techniques of Printmaking I	3
Museum S		
Six credits a MSST 403 or	s follows: History, Philosophy, Functions and Future of Museums	
MSST 466	Independent Study: Museum Studies Internship	3
Within the	College	
Art		
Nine credits ART 110	as follows: Foundation Drawing	
or ART 130	Drawing I: Tools and Techniques	
or ART 138	Elementary Drawing and Painting I	
ART 280	Beginning Photography	
ART 250	Beginning Sculpture	
or		
ART 260	Beginning Metals	3
ART 290	Beginning Ceramics	3
ART 370	Fiber Survey: Structure and Surface	
Anthropole	ogy and/or Art History	
Six credits a: ANTH 103	s follows Introduction to Prehistoric Archaeology	3
ARTH 153	Introduction to Art History I	3
ARTH 154	Introduction to Art History II	
ARTH 155 ARTH 161	Asian Art Art in the East and West	
ARTH 162	History of Architecture	
Chemistry		
	as follows:	
CHEM 101 CHEM 102	General Chemistry General Chemistry	
Nine credits.	at least two courses at or above the 300-level,	9
of Anthrop	oology, Art Conservation, Art History, Black American Studies	
	onsumer Studies courses from the following:	*
Anthropolo ANTH 216	Pgy Introduction to Material Culture Studies	3
ANTH 216	Technology and Culture	3
ANTH 229	Indians of North America	
ANTH 251	Introduction to Ethnic Arts	
ANTH 324 ANTH 338	Old World Archaeology Arts & Crafts: Native South America	
ANTH 340	Historical Archaeology	
ANTH 379	Historical Archaeology of the Eastern United States	3
ANTH 410	Archaeological Analysis of Material Culture	3

ANTH 451 ANTH 457	Myth and Culture Survey of African Art	3
Art Conser	vation	
ARTC 444 ARTC 445	Technology of Cultural Materials: Ceramics and Glass Technology of Cultural Materials: Metals	3
Art History		
	Origins of Art	3
ARTH 207	Greek and Roman Art	
ARTH 208	Early Medieval Art 200-1100 AD.	
ARTH 209		
ARTH 210	Later Medieval Art 1000-1400 AD	
ARTH 213	Art of the Northern Renaissance	
ARTH 217	Early Renaissance Art.	. 3
ARTH 218	High Renaissance and Mannerist Art	. 3
ARTH 220	Italian Renaissance Architecture	
ARTH 222	Baroque Art	. 3
ARTH 223	Baroque and Rococo Architecture and Urbanism	
ARTH 225	Eighteenth Century Art	
ARTH 227	Modern Art I	
ARTH 228	Modern Art II	. 3
ARTH 230	American Art: 1607-1865	. 3
ARTH 231	American Art: 1865-present	. 3
ARTH 233	Art of China	
ARTH 234	Art of Japan	
ARTH 235	Art of India	
ARTH 236	The Arts of Islam	
ARTH 301	Research and Methodology in Art History	3
ARTH 302	Prints and Society	3
ARTH 304	Northern Baroque Art	
ARTH 304	Italian Baroque: Metaphor and Marvel	. 3
ARTH 303	Modern Architecture I: 1750-1900	. J
ARTH 300	Modern Architecture II: The Twentieth Century	
ARTH 310	The Role of the Artist in Society	
ARTH 318	History of Photography	
ARTH 339	Art & Architecture of Europe	. 3
Black Amer	rican Studies	
BAMS 320	History of Afro-American Art	3
DAMO 320	Trisiony of Allo-American Art.	
Consumer !		
CNST 214	Costume History Before 1700	. 3
		_
CNST 224	Clothing Design and Production Since 1700	3
	Clothing Design and Production Since 1700	. 3
		3
ELECTIVE	\mathbf{s} .	3
CNST 224 ELECTIVE After required taken to meet	S courses are completed sufficient elective credits must be	3
ELECTIVE After required taken to meet	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree.	
ELECTIVE After required taken to meet	S courses are completed sufficient elective credits must be	
ELECTIVE After required taken to meet CREDITS TO	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	
ELECTIVE After required taken to meet CREDITS TO	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	
ELECTIVE After required taken to meet CREDITS TO DEGREE: B MAJOR: A	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	
ELECTIVE After required taken to meet CREDITS TO DEGREE: B MAJOR: A	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	
ELECTIVE After required taken to meet CREDITS TO DEGREE: B MAJOR: A CONCENTI	S I courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	24
ELECTIVE After required taken to meet CREDITS TO DEGREE: B MAJOR: A CONCENTICULUM	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	24
ELECTIVE After required taken to meet CREDITS TO DEGREE: B MAJOR: A CONCENTICULUM See page 5	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree. O TOTAL A MINIMUM OF	24 DITS
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ART 280		
ART 250	Beginning Photography Beginning Sculpture	
or ART 260	Beginning Metals	
ART 290	Beginning Ceramics	
or ART 370	Fiber Survey: Structure and Surface	3
Anthropolo	ogy and/or Art History	
	follows	6
ANTH 103	Introduction to Prehistoric Archaeology	3
ARTH 153 ARTH 154	Introduction to Art History I	3
ARTH 155	Introduction to Art History II Asian Art	3
ARTH 161	Art in the East and West	3
ARTH 162	History of Architecture	3
	and Biochemistry of chemistry courses 16-1	9
Option 1a:	No.	
CHEM 103	General Chemistry	4
CHEM 104	General Chemistry	
CHEM 321	Organic Chemistry	
CHEM 322	Organic Chemistry	
Option 1b:	(for Chemistry majors or minors)	
CHEM 111	General Chemistry	3
CHEM 119	Quantitative Chemistry I	2
CHEM 112	General Chemistry	3
CHEM 120	Quantitative Chemistry II	
CHEM 321 CHEM 322	Organic Chemistry Organic Chemistry	
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of Anthron	s, at least three courses at or above the 300-level,	4
Studies M	useum Studies, and/or Consumer Studies courses from	
the followi		
Anthropolo	gv .	
ANTH 216	Introduction to Material Culture Studies	3
ANTH 222	Technology and Culture	3
ANTH 229	Indians of North America	3
ANTH 251	Introduction to Ethnic Arts	
ANTH 324	Old World Archaeology	3
ANTH 338 ANTH 340	Arts & Crafts: Native South America	5
ANTH 379	Historical Archaeology Historical Archaeology of the Eastern United States	
	Archaeological Analysis of Material Culture	3
ANTH 410 ANTH 451	Archaeological Analysis of Material Culture Myth and Culture	3
ANTH 410	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art	3
ANTH 410 ANTH 451	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art vation	3
ANTH 410 ANTH 451 ANTH 457 Art Conserv ARTC 444	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art ration Technology of Cultural Materials: Ceramics and Glass	3
ANTH 410 ANTH 451 ANTH 457 Art Conserv	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art vation	3
ANTH 410 ANTH 451 ANTH 457 Art Conserv ARTC 444	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art Artion Technology of Cultural Materials: Ceramics and Glass Technology of Cultural Materials: Metals	3
ANTH 410 ANTH 451 ANTH 457 Art Conserv ARTC 444 ARTC 445 Art History ARTH 207	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art Vation Technology of Cultural Materials: Ceramics and Glass Technology of Cultural Materials: Metals Origins of Art	333333333333333333333333333333333333333
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ANTH 410 ANTH 451 ANTH 457 Art Conserv ARTC 444 ARTC 445 Art History ARTH 207 ARTH 208 ARTH 209	Archaeological Analysis of Material Culture Myth and Culture Survey of African Art ration Technology of Cultural Materials: Ceramics and Glass Technology of Cultural Materials: Metals Origins of Art Greek and Roman Art Early Medieval Art 200-1100 AD	333333333333333333333333333333333333333
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	rican Studies History of Afro-American Art	. 3
Museum Si MSST 403	rudies History, Philosophy, Functions and Future of Museums	3
Consumer CNST 214 CNST 224	Studies Costume History Before 1700 Clothing Design and Production Since 1700	. 3
	CS d courses are completed, sufficient elective credits must be the minimum credit requirement for the degree	
CREDITS T	O TOTAL A MINIMUM OF 12	4

ART HISTORY

Art history is concerned with the historical development of ideas and institutions as expressed in the visual arts throughout the ages. The Department offers courses in nearly every area of art history, with special expertise in European and American painting, photography, sculpture, and architecture from antiquity to the present. The faculty of the Department collaborate with the Winterthur Programs in Early American Culture and Art Conservation, as well as with those in Museum Studies and Historic Preservations. Visits to museums from New York to Washington are scheduled in connection with many art history courses. The University Gallery houses a collection of original works of art and offers internship, research, and exhibition opportunities for students. Advanced students may draw upon the departmental slide and photograph collections.

Because art history is an interdisciplinary field that touches on many aspects of civilization, the course of study includes work in such related disciplines as anthropology, studio art, English, history, languages and literatures, music, philosophy, and theater Although art history majors may concentrate in a particular area, the program is designed to provide students with a broad liberal arts education that is necessary preparation for a variety of careers

Undergraduate students may participate in an interdepartmental major in art, art history, and chemistry that will prepare them for graduate study or apprenticeship in art conservation, or they may enroll in the art conservation major, an interdisciplinary program. Students interested in museum work should consider taking museum studies courses offered at the University.

	ACHELOR OF ARTS RT HISTORY	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
CURRICULUM		CREDITS
See page 56	ofor University and College requirements.	-
MAJOR RE	QUIREMENTS	
Within the D	epartment	
ARTH 153 ARTH 154	Introduction to Art History I	
Fifteen credits	at the 200-level or above, distributed as follows:	
b Mediev	val (including Northern Renaissance)	, 3.
c. Renaiss	ance	
d Baroqu e Moderi	e or 18th Century	3
ARTH 301	Research and Methodology in Art History minar at the 300- or 400-level ory courses above 100-level	
Within the C	ollege	
ENGL 202	of related work as follows: Biblical and Classical Literature oproved 200- or 300-level History course	
	vith the advisor's approval, from appropriate courses i s: Anthropology, Studio Art, Education, English, Histor	

Foreign Languages and Literatures (other than that used to satisfy the College's foreign language requirement), Music, Philosophy, and Theatre. A second History course, a Studio Art course, and a foreign language literature course are recommended

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

REQUIREMENTS FOR THE MINOR IN ART HISTORY

The minor in art history requires 18 credits of course work, including at least four (4) courses above the 100-level. Students must distribute their courses among at least three (3) different key areas of art history that follow: Ancient, Medieval, Renaissance, Baroque, Modern, American, and non-western art.

Several courses in art history may be applied toward fulfilling Group A and B requirements in the College of Arts and Science.

ASTRONOMY

(**S**ee Physics and Astronomy)

BIOLOGICAL SCIENCES

The undergraduate programs in biology are designed to meet intellectual needs as well as to prepare students for subsequent professional or vocational training. Preprofessional students (medicine, physical therapy, dentistry, osteopathy, etc.) generally enroll as majors in the biological sciences. Special advisement for these students is available through the Health Sciences Advisement and Evaluation Committee, Room 117A Wolf Hall. 831-2282

Students interested in marine biology are encouraged to take advantage of course and research opportunities in the Department of Biological Sciences and the University's College of Marine Studies.

Courses at the 100-level are designed to serve students who do not choose to major in biology or other sciences. Most of these courses may be used to satisfy the Group D requirements of the College of Arts and Science, but may not be counted toward the credits required for graduation for students majoring or minoring in biological sciences. Students not majoring in biological sciences who have some academic maturity in the sciences or engineering and an interest in biology are advised to elect BISC 207 or 208, perhaps followed by other core courses or other biology courses appropriate to their professional interests.

BIOLOGICAL SCIENCES

The Department of Biological Sciences offers both a major and a minor in Biological Sciences, as well as a major in biological sciences education, an Honors degree, and Honors courses. An interdepartmental major between biology and psychology with an emphasis on neuroscience is also available. The Department of Biological Sciences also offers a B.S. degree with a concentration in biotechnology and participates in an interdepartmental B.S. degree program in Environmental Sciences.

During the freshman year, biological science majors for the B.A., B.S., and Biological Sciences Education degrees ordinarily take courses in biology, chemistry, English, foreign language, and mathematics through calculus Students should consult their faculty advisors to select wisely from the variety of advanced courses and electives available to sophomores, juniors and seniors

Many opportunities exist for research experience with a faculty member. In addition, an opportunity for teaching experience exists. Up to 4 credits of research or independent study (BISC 266, 366, 466, or 666) may be counted toward the 33 credits required for the majors in Biological Sciences or Biological Sciences Education. Some biology-related courses in other departments may be counted toward the major (limit 6 credits).

A grade of C- or better must be obtained in all biology courses that are used to satisfy the requirements for the Biological Sciences B.A., B.S., and Biological Sciences Education degrees. Biology courses at the 100-level may not be counted toward these degrees.

DEGREE: BACHELOR OF ARTS MAJOR: BIOLOGICAL SCIENCES

MA	YJOK: B	SIOLOGICAL SCIENCES	19
CUI	RRICULUA	A	CREDITS
See	page 5	ió for University and College requirements.	
		EQUIREMENTS	
Wi	thin the l	Department (minimum grade C-)	
BISC	C 207 C 208 C 303	Introductory Biology I Introductory Biology II Genetic and Evolutionary Biology	4
BISC BISC BISC	C 301 C 302 C 306	of the following courses: Molecular Biology of the Cell General Ecology General Physiology	4 3 4
c	one 600-le	ives at the 300-level or above (must include evel course other than Independent Study) of at least 33 credits in biology	13-14
Wit	hin the (College	
	M 103 M 104	General Chemistry General Chemistry	4
	M 321 M 322	Organic Chemistry Organic Chemistry	4
CHE	or M 213 M 214 M 216	Elementary Organic Chemistry Elementary Biochemistry Elementary Biochemistry Laboratory	.,
PHY	'S 201 'S 202 IH 221	Introductory Physics I Introductory Physics II Calculus I	4

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: BIOLOGICAL SCIENCES EDUCATION

Students planning to major in biology with the purpose of teaching science in secondary schools must identify themselves and plan their programs with the faculty advisor for secondary education as early in their academic careers as possible. The following course of study is designed to prepare students for teacher certification.

CURRICULUM CREDITS

See page 56 for University and College requirements. MAJOR REQUIREMENTS

Within the Department (minimum grade C-)

Introductory Biology I

BISC 208	Introductory Biology II	4
BISC 301 BISC 303	Molecular Biology of the Cell Genetic and Evolutionary Biology	
BISC 302 or	General Ecology	
	General Physiology	, 4
one 600-	tives at the 300-level or above (must include level course other than Independent Study for a total of at credits in biology)	13-14

Within the College

BISC 207

CHEM 103	General Chemistry	 	4
CHEM 104	Ganaral Chamistry		4

CHEM 213	Elementary Organic Chemistry
CHEM 321	Organic Chemistry
CHEM 214 and	Elementary Biochemistry
CHEM 216	Elementary Biochemistry Laboratory
PHYS 201 PHYS 202 MATH 221 GEOL 105 Geology Elec	Introductory Physics I Introductory Physics II Calculus I. General Geology tive 3-
Professional	Studies
EDST 201 EDST 304 EDST 305 EDST 420 SCEN 491 EDDV 400	Education in a Multicultural Society Educational Psychology – Social Aspects Educational Psychology – Cognitive Aspects Reading in the Content Areas Teaching Science in Secondary Schools Student Teaching
	to student teach, Biological Sciences Education students must

To be eligible to student teach, Biological Sciences Education students must have a g.p. a of 2.75 in their biology major and an overall g.p. a. of 2.5. Students must consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies

CREDITS TO TOTAL A MINIMUM OF 124

BIOTECHNOLOGY

The Bachelor of Science degree in Biological Sciences with a concentration in biotechnology is a four-year program that emphasizes laboratory courses/experiences in various aspects of molecular, cellular, and physical biosciences. It is intended for students who hope to be employed in a laboratory setting after graduation and for those who will be continuing their education at the graduate level in a related discipline.

During the first two years at the University, students interested in biotechnology generally take the same courses as those pursuing a B.A. degree in biological sciences. At any time during these two years, students can declare *interest* in biotechnology (BBT); however, they are not admitted into the program until the fall semester of the third year. Students apply for admission in the spring of the sophomore year. Admission is limited to 10 students per class. A minimum grade-point index (GPI) of 2.5 is required for application.

Eligibility for admission to the junior year of the BBT program will be based on the following criteria:

- 1. Minimal cumulative index; first three semesters 2.5
- 2. Minimal index in the sciences; first three semesters 2.5
- 3. A grade of C or better in BISC 207, BISC 208, BISC 301 and BISC 371 (or other bio course if BISC 371 is not taken).
- 4. Within the pool of eligible applicants, admission into the program will be determined by academic achievement, and priority will be given to full-time University sophomores with a stated interest in obtaining employment in biotechnology or in pursuing a graduate degree in a related discipline.

The following courses are recommended. Some courses are not available each year, so advisement and careful planning are strongly suggested.

Skill Requi	rements	
Writing: (mi	nimum grade C-)	3
A second wri	ting course involving significant writing experience including	
	rith a combined minimum of 3,000 words to be submitted for	
extended fac	ulty critique of both composition and content. This course	
	n after completion of 62 credit hours. Appropriate writing cormally designated in the semester's Registration Booklet.	
	ormally designated in the semester's Registration booker. burses approved for second writing requirement, page 59.)	
		2
	nguage: 0-1 If the intermediate-level course (107 or 112 or 214) in a	_
	ge. Students with four or more years of high school work in a	
	language may attempt to fulfill the requirement in that lan-	
	ing an exemption examination	
Breadth Re	quirements (See page 60)	
A total of twe	nty one credits from Groups A, B and C is 2	1
required with	a minimum of six credits in each group. The six credits	
from each gr	oup could be from the same area	
Group A		
Understandin	g and appreciation of the creative arts and humanities	
Group B		
The study of	culture and institutions over time	
Group C		
	ased study of human beings and their environment.	
MATORRI	EQUIREMENTS	
	Department (minimum grade C-) Introductory Biology I	,
BISC 207 BISC 208	Introductory Biology I	4
BISC 371	Introduction to Microbiology	4
BISC 301	Molecular Biology of the Cell	4
BISC 303	Genetic and Evolutionary Biology	4
BISC 305	Cell Physiology	4
BISC 604	Recombinant DNA Laboratory	4
BISC 653	Recent Advances in Molecular Biology	2
	d lecture/laboratory combinations selected from the follow-	
ing three gro	ıbs:	
BISC 492	Human and Mammalian Cytogenetics	2
BISC 493	Mammalian Cytogenetics Laboratory	3
11	7.0907.01.00	
BISC 471/	Immunobiology	3
	Immunobiology Immunochemistry	3
BISC 471/ BISC 671 BISC 601	Immunobiology Immunochemistry	3
BISC 471/ BISC 671 BISC 601	Immunochemistry	3
BISC 471/ BISC 671 BISC 601 III BISC 619	Immunochemistry Macromolecules Laboratory	3
BISC 471/ BISC 671 BISC 601 III BISC 619	Immunochemistry Macromolecules Laboratory elected from the following:	4
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research	4
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells	3 4 4 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology	4 4 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy	3 4 4 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology	3 4 4 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 650	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics	3 4 4 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology	3 4 4 3 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 658 BISC 657	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 658 BISC 657 BISC 673 BISC 679	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 654 BISC 654 BISC 657 BISC 679 BISC 679 BISC 679 BISC 693	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 658 BISC 667 BISC 673 BISC 679 BISC 693 BISC 667	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 658 BISC 667 BISC 673 BISC 679 BISC 693 BISC 667 Within the	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 609 BISC 609 BISC 602 BISC 617 BISC 654 BISC 654 BISC 658 BISC 667 BISC 679 BISC 679 BISC 693 BISC 667 Within the 600	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry	3 4 4 3 3 3 3 3 3 3 3 3 4
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 656 BISC 657 BISC 673 BISC 673 BISC 679 BISC 693 BISC 667 Within the 600 CHEM 103 CHEM 104	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry	3 4 4333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 657 BISC 673 BISC 673 BISC 673 BISC 679 BISC 679 BISC 667 Within the 6 CHEM 103 CHEM 104 CHEM 321	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry	3 4 43333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 657 BISC 673 BISC 673 BISC 673 BISC 677 BISC 679 BISC 679 BISC 679 BISC 679 CHEM 103 CHEM 104 CHEM 321 CHEM 322	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry Organic Chemistry	3 4 43333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 657 BISC 673 BISC 673 BISC 673 BISC 679 BISC 679 BISC 679 CHEM 103 CHEM 104 CHEM 321 CHEM 322 CHEM 527	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry	3 4 43333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 657 BISC 673 BISC 673 BISC 673 BISC 677 BISC 679 BISC 679 BISC 679 BISC 679 CHEM 103 CHEM 104 CHEM 321 CHEM 322	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry Introductory Biochemistry	3 4 43333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 654 BISC 657 BISC 673 BISC 667 Within the 60 CHEM 103 CHEM 104 CHEM 321 CHEM 322 CHEM 527 or	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry Introductory Biochemistry	3 4 43333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 609 BISC 609 BISC 602 BISC 608 BISC 617 BISC 654 BISC 654 BISC 657 BISC 657 BISC 667 BISC 667 BISC 667 Within the 6 CHEM 103 CHEM 104 CHEM 321 CHEM 321 CHEM 527 or CHEM 641 a	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry Introductory Biochemistry nd Biochemistry.	3 4 43333333333333333333333333333333333
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 657 BISC 667 BISC 667 BISC 667 BISC 667 BISC 667 BISC 673 BISC 679 BISC 667 Within the 60 CHEM 103 CHEM 104 CHEM 321 CHEM 321 CHEM 322 CHEM 527 or CHEM 641 CHEM 642 PHYS 201 PHYS 201	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry Introductory Biochemistry Introductory Biochemistry Introductory Physics I	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4
BISC 471/ BISC 671 BISC 601 III BISC 619 Two courses s BISC 499/ BISC 699 BISC 602 BISC 608 BISC 617 BISC 650 BISC 654 BISC 657 BISC 657 BISC 673 BISC 673 BISC 667 Within the 600 CHEM 103 CHEM 104 CHEM 321 CHEM 321 CHEM 322 CHEM 527 CHEM 641 CHEM 642 PHYS 201	Immunochemistry Macromolecules Laboratory elected from the following: Computers in Biological Research Molecular Biology of Animal Cells Genetic Toxicology Laboratory Techniques for Electron Microscopy Bacterial Physiology Biochemical Genetics Developmental Genetics Plant Cell Biology Topics in Immunogenetics Virology Human Genetics Gene Control: Antibody Genes, HIV-1 College General Chemistry General Chemistry Organic Chemistry Organic Chemistry Introductory Biochemistry nd Biochemistry Introductory Physics I	3 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4

COLLEGE REOUIREMENTS

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. BISC 444 is encouraged but not required, and does not count as credit in the major.

CREDITS TO TOTAL A MINIMUM OF 124

REQUIREMENTS FOR A MINOR IN BIOLOGY

The required courses are BISC 207, 208; two courses from BISC 301, 302 (or 321), 303, 371, 306; CHEM 103, 104 (or 101, 102), and 213 (or 321, 325); plus the necessary prerequisites for any of these courses. Nursing majors may satisfy the chemistry requirement by taking CHEM 104, 105 and 106. Nursing, Medical Technology, Nutrition, and Dietetics majors may substitute BISC 276 for BISC 306.

NEUROSCIENCE

An interdepartmental major between Biological Sciences and Psychology is designed for students with an interest in the interdisciplinary field of neuroscience. The major prepares students for graduate programs in neuroscience, neuropsychology, physiology, and pharmacology, and for positions in pharmaceutical and biotechnology companies. It also provides preparation for professional programs in medicine, physical therapy, and related areas.

In this interdepartmental major students first learn the fundamentals of biology and psychology and then concentrate on courses that examine the structure and function of the nervous system and its relationship to behavior. Detailed instructions regarding an interdepartmental major are available from the Departments or the Arts and Science Advisement Center.

MEDICAL EDUCATION PROGRAMS

The University participates in a cooperative medical education program with the Medical Center of Delaware and the Jefferson Medical College of Philadelphia, sponsored by the Delaware Institute for Medical Education and Research. Under the terms of this program, up to twenty students who are Delaware residents will be accepted for admission to Jefferson Medical College. A portion of the clinical training of these students takes place in the Medical Center of Delaware. Information on application to this program may be obtained from the office of the Associate Chair of the Department of Biological Sciences.

The University of Delaware also participates with Jefferson Medical College in the Medical Scholars Program which permits selected students to begin their medical education while undergraduates at the University (see page 58).

COOPERATIVE EDUCATION PROGRAM

Through the cooperation of area businesses, industry, and government agencies, students may integrate their academic study with practical work experience. Co-op positions are available during any semester, including winter and summer sessions, for academic credit. Students register for BISC 444 (1-9 credit hours). Credits earned in this pass/fail course count toward graduation but not toward the 33 credit hours needed for the major in biological sciences. Placements vary from part to full time and may be salaried or on a volunteer basis.

Information about this program may be obtained from the Career Services Center.

BLACK AMERICAN STUDIES

Black American Studies focuses on the study of Black Americans and their ancestry. The program is designed to present a comprehensive study of the origins, conditions, and experiences of Black Amer-

icans using the perspectives and techniques of various disciplines in the humanities and social sciences. As a study of human beings, Black American Studies deals with human issues, seeking to relate specific problems to the major value systems in this country and the world. Integrated with other disciplines in all appropriate phases of education, Black American Studies has meaning for present life and is useful for future learning or coping situations. The program serves as a catalyst for multi-ethnic and cultural understanding

Although a major in Black American Studies is not available, special arrangements within the Bachelor of Arts in Liberal Studies degree program are possible. A minor in Black American Studies is available for those students wishing to pursue related careers in this area.

Black American Studies is an interdisciplinary program with its basic content in the social sciences and humanities. The program involves regular course offerings that deal with historic, cultural, and social phenomena of people of African descent. Students from diverse disciplines utilize Black American Studies courses to fulfill general requirements as well as to supplement their majors. The interdisciplinary and multidisciplinary nature of the program allows flexibility for students seeking the relationships between their respective majors and Black American Studies. For information, contact Professor Carole Marks, 417 Ewing Hall (302) 831-2897.

REQUIREMENTS FOR A MINOR IN BLACK AMERICAN STUDIES

S tudents applying for the minor in Black American Studies must have completed at least one semester of full-time study at the University with a grade-point average of at least 2.1. The courses for the minor program are BAMS 110, 304, 306, and one BAMS elective at or above the 300-level with the approval of an advisor.

Alternative arrangements for a minor in Black American Studies are available but must be approved in advance by a program advisor and the director. Students may arrange alternative course selections, provided that at least 15 of the 18 credits toward the minor carry BAMS designations, that no more than 6 credits of the 18 differ from the basic program, and that at least 9 credits of the program are at or above the 300-level.

Advanced students who have shown the potential for doing research in a particular area may participate in independent study and special projects on an individual or group basis. Suggested prerequisites for advanced classes in Black American Studies include BAMS 110, 205 and 206.

CHEMISTRY AND BIOCHEMISTRY

The Department of Chemistry and Biochemistry provides five undergraduate degree options: B.A. in Chemistry, B.A. in Chemistry Education, B.S. in Chemistry, B.S. in Chemistry with concentration in Environmental Studies, and a B.S. in Biochemistry A minor in Chemistry is also available.

DEGREE: BACHELOR OF ARTS MAJOR: CHEMISTRY

MAJOR: C	HEMISTRY	
CURRICULUM	\ CRE	DIT
See page 5	6 for University and College requirements.	
MAJOR RE	QUIREMENTS	
Within the I	Department	
A minimum gi B A. degree i		
CHEM 103	General Chemistry	. 4
CHEM 104	General Chemistry	4
CHEM 220	Quantitative Analysis	
CHEM 221	Quantitative Analysis Laboratory	1
OF CHEM 111		

CHEM 112	General Chemistry	CHEM 438	Instrumental Methods Laboratory
CHEM 119	Quantitative Chemistry	CHEM 418	Introductory Physical Chemistry
CHEM 120	Quantitative Chemistry II	CHEM 445	Physical Chemistry Laboratory
CHEM 321	Organic Chemistry 4	or	
CHEM 322	Organic Chemistry 4	CHEM 443	Physical Chemistry 3
or CHEM 331	Organic Chemistry	CHEM 445	Physical Chemistry Laboratory 1
CHEM 333	Organic Chemistry Laboratory I	CHEM 214	Elementary Biochemistry 3
CHEM 332	Organic Chemistry	CHEM 216	Elementary Biochemistry Laboratory
CHEM 334	Organic Chemistry Laboratory II	Chemistry co	ourses selected with consent of advisor
CHEM 437	Instrumental Methods	Within the	College
CHEM 438	Instrumental Methods Laboratory	Related W	
CHEM 418	Introductory Physical Chemistry 3	BISC 207	Introductory Biology I
CHEM 419	Introductory Physical Chemistry 3	GEOL 105	General Geology 4
CHEM 445	Physical Chemistry Laboratory 1	MATH 221	Calculus I
or	Physical Chemistry	MATH 222 or	Calculus II
CHEM 443 CHEM 444	Physical Chemistry 3 Physical Chemistry 3	MATH 241	Analytic Geometry and Calculus A
CHEM 445	Physical Chemistry Laboratory	MATH 242	Analytic Geometry and Calculus B
	ollowing eight courses:	PHYS 201	Introductory Physics I
CHEM 457	Inorganic Chemistry	or	
CHEM 527	Introductory Biochemistry 3	PHYS 207	Fundamentals of Physics I 4
CHEM 610	History of Chemistry	PHYS 202	Introductory Physics II 4
CHEM 620	Analytical Spectroscopy 3	or	
CHEM 622 CHEM 623	Electroanalytical Chemistry 3 Chemometrics 3	PHYS 208	Fundamentals of Physics II
CHEM 633	Advanced Organic Chemistry: Physical 3	Professiona	l Studies
CHEM 634	Advanced Organic Chemistry: Synthesis and Reactivity	(23 credits)	
Within the		EDST 201	Education in a Multicultural Society 3
Related W	•	EDST 304	Educational Psychology – Social Aspects 3
Mathemat		EDST 305 SCEN 491	Educational Psychology – Cognitive Aspects 3 Teaching Science in Secondary Schools 4
MATH 221	Calculus I	EDST 420	Reading in the Content Areas 1
or or	Calculus 1. Addance as the second and the second control of the se	EDDV 400	Student Teaching 9
MATH 241	Analytic Geometry and Calculus A (strongly preferred) 4	To be eligible	to student teach, Chemistry Education students must have a
Physics			5 in their chemistry major and an overall g.p.a. 2.5. Students
PHYS 201	Introductory Physics I	should consu	It the teacher education program coordinator (see list on p
or		155) to obtai	in the student application and other information concerning
PHYS 207	Fundamentals of Physics I	student teach	er policies.
PHYS 202	Introductory Physics II	CREDITS T	O TOTAL A MINIMUM OF 124
or			
PHYS 208	Fundamentals of Physics II		
ELECTIVI	ES		BACHELOR OF SCIENCE
	d courses are completed, sufficient elective credits must be		HEMISTRY
taken to mee	t the minimum credit requirement for the degree	CURRICULUM	A CREDITS
CREDITS T	O TOTAL A MINIMUM OF 124	UNIVERSI	TY REQUIREMENTS
		ENGL 110	Critical Reading and Writing (minimum grade C-)
			in an approved course or courses stressing
DEGDEE: I	BACHELOR OF ARTS	multiculture	al, ethnic, and/or gender-related content (see p. 20)
	CHEMISTRY EDUCATION	COLLEGE	REQUIREMENTS
		Skill Requir	rements
CURRICULUA		Writing: (mi	nimum grade C-)
	66 for University and College requirements.	A second wri	ting course involving significant writing experience including
MAJOR RI	EQUIREMENTS	two papers w	rith a combined minimum of 3,000 words to be submitted for
Within the	Department		ulty critique of both composition and content. This course
(30 credits)			n after completion of 62 credit hours. Appropriate writing ormally designated in the semester's Registration Booklet.
CHEM 111	General Chemistry 3		urses approved for second writing requirement, page 59
CHEM 112 CHEM 119	General Chemistry 3 Quantitative Chemistry I 2		
CHEM 120	Quantitative Chemistry II.	Foreign Lar	the intermediate-level course (107 or 112) in a modern for-
or			Students with four or more years of high school work in a
CHEM 103	General Chemistry 4	single modern	foreign language may attempt to fulfill the requirement in that
CHEM 104	General Chemistry	language by t	aking an exemption examination (German recommended)
CHEM 220	Quantitative Analysis	Brendth De	quirements (See page 60)
CHEM 221	Quantitative Analysis Laboratory	A total of twe	nty-one credits from Groups A, B and C is 21
CHEM 213	Elementary Organic Chemistry 4	required with	a minimum of six credits in each group. The six credits
or			
		from each gro	oup could be from the same area
CHEM 321	Organic Chemistry 4	from each gro	
CHEM 321 CHEM 322		Group A	
CHEM 321 CHEM 322 or	Organic Chemistry 4 Organic Chemistry 4	Group A	oup could be from the same area.
CHEM 321 CHEM 322 or CHEM 331	Organic Chemistry 4 Organic Chemistry 4 Organic Chemistry 3	Group A Understandin Group B	oup could be from the same area.
CHEM 321 CHEM 322 or CHEM 331 CHEM 332	Organic Chemistry 4 Organic Chemistry 4 Organic Chemistry 3 Organic Chemistry 3 Organic Chemistry 3	Group A Understandin Group B	oup could be from the same area. g and appreciation of the creative arts and humanities.
CHEM 321 CHEM 322 or CHEM 331	Organic Chemistry 4 Organic Chemistry 4 Organic Chemistry 3	Group A Understanding Group B The study of a Group C	oup could be from the same area. g and appreciation of the creative arts and humanities.

MAJORK	EQUIREMENTS
Within the	Department
CHEM 111	General Chemistry 3
CHEM 119	Quantitative Chemistry I
CHEM 112	General Chemistry
CHEM 120 CHEM 331	Quantitative Chemistry II
CHEM 333	Organic Chemistry Laboratory I 2
CHEM 332	Organic Chemistry
CHEM 334	Organic Chemistry Majors Laboratory II
CHEM 443	Physical Chemistry 3
CHEM 445	Physical Chemistry Laboratory
CHEM 437	Instrumental Methods 3
CHEM 438	Instrumental Methods Laboratory
CHEM 527	Introductory Biochemistry 3
or CHEM 641	Biochemistry 3
CHEM 444	Physical Chemistry 3
CHEM 446	Physical Chemistry Laboratory
CHEM 457	Inorganic Chemistry
CHEM 458	Inorganic Chemistry Laboratory
CHEM 465	Seminar (two semesters)
CHEM 468	hemistry course at 600-level or higher 3 Undergraduate Research (optional) 3
(Cnemistry	credits to total a minimum of 45)
Within the	College
Related We	
MATH 241	Analytic Geometry and Calculus A
MATH 242	Analytic Geometry and Calculus B
MATH 243	Analytic Geometry and Calculus C 4
MATH 302	Ordinary Differential Equations I
	(Recommended)
PHYS 207	Fundamentals of Physics I.
PHYS 208	Fundamentals of Physics II
or PHYS 201	Introductory Physics I 4
PHYS 202	Introductory Physics II 4
ELECTIVE	
ELECTIVE	
ELECTIVE After required taken to meet	CS d courses are completed sufficient elective credits must be the minimum credit requirement for the degree
ELECTIVE After required taken to meet	
ELECTIVE After required taken to meet	CS d courses are completed sufficient elective credits must be the minimum credit requirement for the degree
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ELECTIVE After required taken to meet taken to meet CREDITS T DEGREE: EMAJOR: CONCENT CURRICULUM MAJOR RE See previous Concentrati Basic Environ One of the for BISC 207/20	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet credits T DEGREE: EMAJOR: CCONCENT CURRICULUM MAJOR RESee previous Concentration one of the folist 207/20 GEOG 152/	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken to meet taken to meet CREDITS T DEGREE: EMAJOR: CONCENT CURRICULUM MAJOR RESE Previous Concentratis Basic Environ One of the for BISC 207/20 GEOG 152/GEOL 106/1	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet credits T DEGREE: E MAJOR: C CONCENT CURRICULUM MAJOR RE See previou Concentrati Basic Enviro One of the BISC 207/20 GEOG 152/ GEOG 152/ GEOL 106/1 Advanced	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken to meet taken to meet CREDITS T DEGREE: EMAJOR: CONCENT CURRICULUM MAJOR RESE Previous Concentratis Basic Environ One of the fool BISC 207/20 GEOG 152/GEOL 106/1 Advanced of Two of the following the follo	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken to major taken ta	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken to major taken ta	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
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After required taken to meet taken to meet taken to meet CREDITS T DEGREE: EMAJOR: CONCENT CURRICULUM MAJOR RESE Previous Concentratis Basic Environ One of the food BISC 207/20 GEOG 152/GEOL 106/1 Advanced Two of the fold BISC 302 CIEG 433 CIEG 433	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken to major taken ta	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken to meet taken to meet CREDITS T DEGREE: EMAJOR: CONCENT CURRICULUM MAJOR RESE Previous Concentrati Basic Enviro One of the fol BISC 207/20 GEOG 152/GEOL 106/1 Advanced. Two of the fol BISC 302 CIEG 433 CIEG 435 CIEG 435 CIEG 634 CIEG 634 CIEG 636	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet creative taken taken to meet creative taken taken to meet creative taken taken to meet creative taken to mee	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet taken t	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
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After required taken to meet taken t	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF
After required taken to meet creative taken t	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree O TOTAL A MINIMUM OF

calculation of the chemistry course GPA (2.00 minimum required for graduation) for candidates for the B.S. degree in Chemistry or Biochemistry will not include grades earned for lower level subdisciplinary courses taken after a higher level course in the same subdiscipline has been taken and passed with a grade of C or higher. Likewise, freshman-level courses may not be used by upperclassmen as GPA enhancers after those required for graduation have been taken CHEM 342 and CHEM 100 will be regarded as exceptions to the foregoing prohibitions, since their subject matter coverage is considerably different than that found in higher level courses.

Example: A grade earned in CHEM 214 subsequent to a C or better grade earned in CHEM 527 (or CHEM 641/642) would not be counted in the chemistry GPA calculation for B.S. chemistry or biochemistry majors

		•
	ACHELOR OF SCIENCE	
CURRICULUA	(CREDIT:	S
	TY REQUIREMENTS	
ENGL 110 Three credits	Critical Reading and Writing (minimum grade C-) 3 in an approved course or courses stressing 3 al, ethnic, and/or gender-related content (see p 20)	
COLLEGE	REQUIREMENTS	
Skill Requir	rements	
Writina: (mi	nimum grade C-)	
A second writwo papers wextended faci must be taken courses are n	ting course involving significant writing experience including rith a combined minimum of 3,000 words to be submitted for ulty critique of both composition and content. This course a after completion of 62 credit hours. Appropriate writing ormally designated in the semester's Registration Booklet. urses approved for second writing requirement, page 59)	
Foreian Lar	nguage:	
Completion of foreign languing a single m	of the intermediate-level course (107 or 112) in a modern lage. Students with four or more years of high school work odern foreign language may attempt to fulfill the require- anguage by taking an exemption examination (German	
Breadth Re	quirements (See page 60)	
A total of twe required with	nty-one credits from Groups A, B and C is 21 a minimum of six credits in each group. The six credits oup could be from the same area.	
Group A Understandin	g and appreciation of the creative arts and humanities	
Group B The study of c Group C	culture and institutions over time	
	ased study of human beings and their environment.	
	and the second of the second	
	QUIREMENTS	
Within the I		
CHEM 111	General Chemistry	
CHEM 112	General Chemistry 3	
CHEM 119 CHEM 120	Quantitative Chemistry I	
CHEM 331	Quantitative Chemistry II	
CHEM 333	Organic Chemistry	
CHEM 332	Organic Chemistry about 1971.	
CHEM 334	Organic Chemistry Majors Laboratory II	
CHEM 342	Introduction to Biochemistry 3	
CHEM 418	Introductory Physical Chemistry 3	
or		
CHEM 443	Physical Chemistry	
CHEM 437	Instrumental Methods 3	
CHEM 438	Instrumental Methods 1	
CHEM 641 CHEM 419	Biochemistry. 3 Introductory Physical Chemistry 3	
or CHEM 444 CHEM 445 CHEM 642 Advanced Ch	Physical Chemistry 3 Physical Chemistry Laboratory 1 Biochemistry 3 emistry or Biochemistry course at 600-level 3 chemistry courses at 600-level 6	
or		
	es selected from the following: 6-8	
BISC 301 BISC 303	Molecular Biology of the Cell (4) Genetic and Evolutionary Biology (4)	

BISC 601 BISC 604 BISC 654 BISC 679 BISC 698 CHEM 465 CHEM 468	4 Recombinant DNA Laboratory (4) 4 Biochemical Genetics (3) 9 Virology (3)	
BISC 303 BISC 306 BISC 371 BISC 601	General Physiology (4) Introduction to Microbiology (4)	
•	· · · · · · · · · · · · · · · · · · ·	
Within the C	•	
MATH 241	Analytic Geometry and Calculus A	4
or MATH 221	Calculus I	3
MATH 242	Analytic Geometry and Calculus B	
or MATH 222 BISC 207 BISC 208 PHYS 201 PHYS 202	Calculus II Introductory Biology I Introductory Biology II Introductory Physics I Introductory Physics II	3 4 4
	S I courses are completed, sufficient elective credits must be the minimum credit requirement for the degree	
	O TOTAL A MINIMUM OF	127
of at least 2.0 courses are at GPA. The calar required for gistry or Bioch subdisciplinar subdisciplinar subdisciplinar subdisciplinar subdisciplinar subdisciplinar content of GPA enhance CHEM 342 a foregoing proably different Example: A grade earned counted in the chemistry maj		
_	ENTS FOR A MINOR IN CHEMISTRY	
The minor	in chemistry requires a minimum of 19 credits as	
CHEM 103, 1	04, (or 111,112,119)	Credits 8
CHEM 321 (c CHEM 457, 4 CHEM 418, 4	he following: 221 (or 437, 438) or 331, 333) 158 145 (or 443, 445) r 641	4-5 4
	ust have a minimum grade of C- in each course	
		-
CLASSIC		
(See Forei	gn Languages and Literatures)	
COGNIT	TIVE SCIENCE	
/See Lings		

COMMUNICATION

A major in communication is designed to increase knowledge about communication processes, to increase awareness of the potential impact of communication on society, and to make students more competent in communicating with others and in assisting others to communicate more effectively.

Toward this end, communication is viewed as a social and behavioral science. Courses are offered in the areas of human communication theory, interpersonal communication, mass communication, organizational communication, public relations, and oral communication skills. Classes emphasize the use of theory and research to understand and analyze communication processes.

Students enter this major as communication interest majors. A 2.0 overall GPA is required to declare the communication interest major. Communication interest majors must complete the four core courses: COMM 245, 256, 301 and 330. Based on their GPA in these four courses, the top 100 students will annually be allowed to matriculate into the communication major.

Students who major in communication will work with their assigned faculty advisor to plan a program of courses that leads to the degree of Bachelor of Arts. Further information may be obtained from the department, or on the Internet by browsing the University home page (http://www.udel.edu) and following the links to the Department's homepage.

DEGREE: BACHELOR OF ARTS MAJOR: COMMUNICATION CONCENTRATION: INTERPERSONAL COMMUNICATION

4011421111	CALIFORNIA INTERNIA EROOFIA COMBINOTALIO	••
CURRICULUM		CREDITS
See page 5	6 for University and College requirements.	
MAJOR RE	QUIREMENTS	
Within the D	Department	
majors. COM	X communication courses may be limited to COMM M 245, 256, 301, and 330 comprise the four core communication interest major.	
	Mass Communication and Culture Principles of Communication Theory	
COMM 301	Introduction to Communication Research Methods	3
COMM 341	Communication and Interpersonal Behavior Theories of Interpersonal Communication Public Speaking	3
COMM 417	Communication and the Management of Conflict	3
COMM 485	Analysis of Face-to-Face Communication	3
One addition	al 400-level Interpersonal or Organizational	
Communico	ation course.	
One additiona	al 400-level COMM course, not COMM 466 or COMM 46. MM elective credits	43
for a total o	of not less than 36 nor more than 45 COMM credits. These en from the other concentrations or from the following:	U-13
Interperson	al Communication Electives	
	Introduction to Human Communication Systems The Development of Verbal Communication Speech, Language and Communication Topics in Interpersonal Communication Communication and Persuasion	3 3 3
Mass Comm	nunication Electives	
NOTE: COMA	M 325 is prerequisite to COMM 388 and COMM 435	
COMM 325 COMM 388 COMM 418 COMM 435	Studio Television Production TV Production Practicum Topics in Mass Communication Field Television Production Children and the Mass Media	3 3 3
	nal Communication Electives	
COMM 442	Small Group Communication Topics in Organizational Communication. Communication in Organizations	3

	. mt
	tions Electives . 307 is prerequisite to the following sequence and should be
	ophomore year.
COMM 309	Introduction to Public Relations
COMM 311	Public Relations Communication Techniques 3
COMM 409	Public Relations Planning
General Ele	
	Independent Study/Special Problems (366/466)
COMM 464	Internship 1-6 Experimental Courses (367/467) 3
COMM x67	Experimental Courses (367/467)
ELECTIVE	
After required	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree.
CREDITS T	O TOTAL A MINIMUM OF 124
	ACHELOR OF ARTS COMMUNICATION
	RATION: MASS COMMUNICATION
CURRICULUM	
	6 for University and College requirements.
	QUIREMENTS
Within the I	
	X communication courses may be limited to COMM IM 245, 256, 301, and 330 comprise the four core
	communication interest major.
COMM 245	Mass Communication and Culture 3
COMM 256	Principles of Communication Theory
	Introduction to Communication Research Methods 3 Communication and Interpersonal Behavior 3
COMM 345	Legal Issues of the Mass Media 3
COMM 350	Legal Issues of the Mass Media 3 Public Speaking 3
	Theories of Mass Communication 3
	Media Message Analysis 3 Mass Communication Effects 3
One additions	al 400-level COMM course, not COMM 466 or COMM 464 3
Six to 15 CO	MM elective credits
	of not less than 36 nor more than 45 COMM credits. These ten from the other concentrations or from the following:
•	and the control of th
COMM 200	al Communication Electives Introduction to Human Communication Systems
COMM 251	
COMM 438	Speech, Language and Communication
COMM 440 COMM 452	Topics in Interpersonal Communication 3 Communication and Persuasion 3
	nunication Electives
	M 325 is prerequisite to COMM 388 and COMM 435. Studio Television Production
COMM 388	TV Production Practicum 3
COMM 418	Topics in Mass Communication 3
COMM 435	
	Children and the Mass Media 3
COMM 356	onal Communication Electives Small Group Communication 3
COMM 442	Topics in Organizational Communication 3
COMM 456	Communication in Organizations 3
Public Relat	ions Electives
	307 is prerequisite to the following sequence and should
	e sophomore year
	Introduction to Public Relations
	Public Relations Planning
COMM 413	
General Ele	
	Independent Study/Special Problems (366/466)
COMM 464 COMM x67	Internship I-6 Experimental Courses (367/467) 3
After required	courses are completed sufficient elective credits must be
	the minimum credit requirement for the degree:

CREDITS TO TOTAL A MINIMUM OF 124

HONORS BACHELOR OF ARTS: COMMUNICATION

The recipient must complete:

- 1. All requirements for the Bachelor of Arts degree in Communication.
- 2. All of the University's generic requirements for the Honors Baccalaureate degree (see page 30 of this catalog).
- 3. Students concentrating in Interpersonal Communication must take Honors sections of COMM 245, COMM 330, COMM 417, and COMM 485. Students concentrating in Mass Communication must take Honors sections of COMM 245, COMM 330, COMM 424, and COMM 450.

COMPARATIVE LITERATURE

The aim of the program in comparative literature is to allow students to study literature in an international and intercultural relationship, across boundaries of nation and language Comparative literature embraces the study of literary themes, forms, movements and relations, as well as the interrelations of literature and other disciplines. The program offers the student the opportunity, with the aid of an advisor, to construct a program reflecting individual areas of interest.

Students majoring or minoring in comparative literature must have a command of at least one foreign language at the advanced elective level. It is strongly recommended that majors pursue a second foreign language at least through the intermediate level. Students planning to go on to graduate work in comparative literature would be well advised to include work in a classical language in their program. Majors are expected to make use of their command of foreign languages in comparative literature courses. For information on the Comparative Literature major or minor, contact Professor Nicolas Gross, 439 Smith Hall (302) 831-2039

In addition to the courses designed specifically for students specializing in comparative literature, the program offers a number of courses in cooperation with other departments (English, Foreign Languages and Literatures, Anthropology, Philosophy, etc.); these courses should be of interest to most students.

DEGREE: BACHELOR OF ARTS MAJOR: COMPARATIVE LITERATURE
CURRICULUM CREDITS
UNIVERSITY REQUIREMENTS
ENGL 110 Critical Reading and Writing (minimum grade C-) 3 Three credits in an approved course or courses stressing 3 multicultural, ethnic, and/or gender-related content (see p. 20)
COLLEGE REQUIREMENTS
Skill Requirements
Writing: (minimum grade C-)
A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 62 credit hours. Appropriate writing courses are normally designated in the semester's Registration Booklet. (See list of courses approved for second writing requirement, page 59.)
Foreign Language: Completion of the intermediate-level course (107 or 112) in a given language Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that language by taking an exemption examination.
Mathematics:
MATH 114 Elementary Mathematics and Statistics
MATH 115 Pre-Calculus
(designed for students who intend to continue the study of mathematics)

One of the fo	llowing:	
MATH 221	Calculus I.	3
MATH 241	Calculus I. Analytic Geometry and Calculus A	4
or		
	rformance on the college proficiency exam	
Breadth Re	quirements (See page 60)	48
MAJOR RE	QUIREMENTS	
Within the I	Department	
CLMT 202	Biblical and Classical Literature	3
	5 or 206 or CLMT 316 may be substituted	
	or's approval)	
	Great Writers of the Western World: 1100-1700	
	Great Writers of the Western World: 1650-1950	
	Literature courses or courses in related fields	9
approved	by the daylsor	
Within the (College	
Nine credits in	n each of two national literatures studied in	18
the origina	l text with at least three credits at the 400-level	
ELECTIVE	S	
After required	courses are completed, sufficient elective credits must be	
taken to meet	the minimum credit requirement for the degree	
CREDITS TO	O TOTAL A MINIMUM OF	124

REQUIREMENTS FOR THE MINOR IN COMPARATIVE LITERATURE

- I. Core courses in comparative literature (6 credits) Two of CLMT 202, 207, or 208
- II. Foreign literature courses (6 credits)
 Advanced elective-level courses studied in the original text.
- III Advanced English or Advanced CLMT course (3 credits)
- IV. Approved related area course (3 credits)

COMPUTER AND INFORMATION SCIENCES

With the aid of computers, it is possible to solve problems previously well beyond the reach of human capability at speeds that are equal to the urgency created by the modern world. Problems recently considered far too complex to be treated quantitatively are now solved routinely.

The Department of Computer and Information Sciences offers four-year undergraduate programs leading to either a Bachelor of Arts degree in computer science or a Bachelor of Science degree in computer science. The latest information on these programs is available in the department office in 103 Smith Hall or by e-mail to: ugradprgm@cis.udel.edu.

Courses are also provided for students in other areas who desire an understanding of the application of computers to the subject of their major interest. In many courses, problem solutions require the use of computers located in the University of Delaware Computing Center. These computers are available to undergraduate students for use in connection with both course work and research.

	BACHELOR OF ARTS COMPUTER AND INFORMATION SCIENCES	
CURRICULU	M	CREDITS
See page	56 for University and College requirements.	
	EQUIREMENTS	
Within the	Department	
	Introduction to Computer Science	
(Assumes prior exp	some prior programming experience Students without erience should first take CISC 105)	
CISC 220	Data Structures	
CISC 260	Machine Organization and Microcomputers	
CISC 280		
	dits of Computer Science numbered 301 or	18

credits To	Discrete Mathematics I Analytic Geometry and Calculus A Discrete Mathematics II.	3
	OMPUTER AND INFORMATION SCIENCES	
CURRICULUM		CREDITS
ENGL 110 Three credits i	TY REQUIREMENTS Critical Reading and Writing (minimum grade C-) in an approved course or courses stressing al, ethnic, and/or gender-related content (see p. 20)	3
COLLEGE	REQUIREMENTS	
A second writ two papers we extended facu- must be taken courses are no	nimum grade C-) ing course involving significant writing experience including tith a combined minimum of 3,000 words to be submitted for oblighty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing formally designated in the semester's Registration Booklet ourses approved for second writing requirement, page 59.)	3
Breadth Re	quirements (See page 60)	10
Group A	m each of the following groups g and appreciation of the creative arts and humanities.	18
Group B		
1	ulture and institutions over time	
Group C Empirically ba	used study of human beings and their environment.	
•	QUIREMENTS	
Within the D		
CISC 181 (Assumes s	Introduction to Computer Science ome prior programming experience Students without ience should first take CISC 105.) Data Structures Machine Organization and Microcomputers Programming Paradigms Logic and Programming Algorithms and Advanced Programming Computer Architecture Operating Systems Compiler Design	3 3 3 3 3
	95	9
Nine credits o by the student	of Computer Science numbered 301 or above, approved sadvisor	
CISC Concer Twelve credits tion. Students impact and ar	in advanced courses in an advisor-approved concentra- are encouraged to explore how other subject areas to impacted by computer science. An approval form CISC advisor is required	12
MATH 241 MATH 315 STAT 205	rk Discrete Mathematics I Analytic Geometry and Calculus A Discrete Mathematics II Statistical Methods	4 3
or ENGL 410 CSCC 355	Written Communications in Business Technical Writing Computers, Ethics and Society	3
One of the foll PHYS 207 PHYS 208	lowing sequences of laboratory science courses: Fundamentals of Physics I. Fundamentals of Physics II	4
CHEM 103	General Chemistry	4

CHEM 104	General Chemistry
or BISC 207 BISC 208 or	Introductory Biology I 4 Introductory Biology II 4
	General Geology 4 General Geology 4
Within the U	Jniversity
CPEG 202 or	Introduction to Digital Systems 4
CPEG 210	Introduction to Combinational Logic 2
CPEG 211	Introduction to Sequential Circuits

REQUIREMENTS FOR A MINOR IN COMPUTER SCIENCE

A minor in computer science consists of a total of 15 to 17 credits including CISC 181, CISC 220, and CISC 280. Students without prior programming experience should take CISC 105 first. Six additional credits at the 200-level or above should be chosen with the advisor's approval.

CREDITS TO TOTAL A MINIMUM OF 124

CRIMINAL JUSTICE

See Sociology and Criminal Justice.

EAST ASIAN STUDIES

This is an interdisciplinary program for students wishing to focus their interests on East Asia as an enhancement and complement to their undergraduate majors. Students will declare the minor in either East Asian Studies without Language or East Asian Studies with Language. For information, contact Professor David Pong, 401A Ewing Hall (302) 831-2371.

EAST ASIAN STUDIES WITHOUT LANGUAGE

	_									
R	3	L	-: 4	1:4-		.:			***********	10
17	e um	рег	OT	creaits	reau	irea:	 	 	***********	10

A minimum grade of C- is required in all courses

A. Introductory Courses

6 credits in two disciplines from the following courses in the humanities:

Asian Art
Art in East and West
Topics: Japanese Culture in Translation
The Age of Confucius
Music of China, Korea, and Japan
Chinese Religion and Philosophy

6 credits from the following courses in the social sciences:

O Creams II	om me ionowing courses in m
HIST 137	East Asian Civilization: China
HIST 138	East Asian Civilization: Japan
HIST 270	History of Modern Asia
HIST 390	History of Modern Southeast Asia
POSC 312	East Asian Political Systems

R Advanced Courses

6 credits from the following courses in economics, history, linguistics, and political science:

iics, unu po	nes, una pomicai science.				
ECON 3xx	East Asian Economic Systems				
HIST 368	Modern China: 1600-1920s				
HIST 369	China Since 1900				
HIST 370	History of Modern Japan				
HIST 393	History of Modern Vietnam				
HIST 3xx	China and the West				
HIST 479	Seminar in Asian History				
LING 470	Structure of Chinese				
LING 495	Structure of Japanese				

POSC 427	Politics in China
POSC 428	Politics in Japan
POSC 443	China and the World

Substitutions for the above courses may be made with permission from the program director. Independent studies and special problems courses may also count towards the minor with the director's approval. The course list will be updated as new courses become available.

EAST ASIAN STUDIES WITH LANGUAGE

The minor in East Asian Studies with Language consists of the 18 credits of requirements for East Asian Studies without Language plus completion of either CHIN 107 or JAPN 107 or their equivalents in transfer credit or by successful performance on a proficiency examination. The number of credits required for this minor therefore ranges from 18-30, depending upon the students' language placement.

ECONOMICS

E conomics, a social science, analyzes the market and non-market production and allocation of goods and services. The problems associated with society's effort to prosper in a world possessing finite resources provide the focus

The program leading to a Bachelor of Arts degree with a major in economics for a student enrolled in the College of Arts and Science has the same group and language requirements as other Bachelor of Arts programs offered in the College of Arts and Science.

Both a Bachelor of Arts and Bachelor of Science degree are available to students enrolled in the College of Business and Economics. The group and language (Bachelor of Arts) or quantitative proficiency (Bachelor of Science) requirements for students enrolled in the College of Business and Economics are described in the College of Business and Economics section of this catalog.

A minor program in economics is also available

Students majoring in economics will be advised by the faculty of the Department of Economics within the College of Business and Economics.

DEGREE: BACHELOR OF ARTS MAJOR: ECONOMICS

any BUEC courses.

MAJOR: ECONOMICS	
CURRICULUM	CREDITS
See page 56 for University and College require	ements.
MAJOR REQUIREMENTS	
Within the Department	
(Minimum C- in all required ECON courses.) ECON 151 Introductory Microeconomics: Prices and ECON 152 Introductory Macroeconomics: National E ECON 300 Intermediate Microeconomic Theory	conomy 3
ECON 301 Quantitative Microeconomic Theory ECON 302 Banking and Monetary Policy ECON 303 Intermediate Macroeconomic Theory Five Economics courses, at least two of which are at or the 400-level	3
Within the College	
STAT 201 Introduction to Statistics I	
STAT 370 Introduction to Statistical Analysis I	3
STAT 202 Introduction to Statistics II	
STAT 371 Introduction to Statistical Analysis II	
Nine credits chosen from any 300-level or higher course Accounting, Anthropology, Business Administration, Cence, Finance, Geography, History, Mathematics, Phcal Science, Psychology, Sociology and Statistics Alsare ACCT 207,208 and 261, any 200-level Mathematics	Computer Sci- ilosophy, Politi- :o acceptable

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

Credit will not be allowed for both courses of any of the following sets of corresponding courses: ECON 311 and ECON 411; ECON 332 and ECON 433; ECON 344 and ECON 444; and ECON 381 and ECON 483

Departmental requirements and course descriptions are subject to continual revision. Up-to-date statements of requirements, course descriptions, and departmental policies are available in the department office

DEGREE: BACHELOR OF ARTS MAJOR: ECONOMICS EDUCATION

CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department

, , , , , , , , , , , , , , , , , , ,
(Minimum C- in all required ECON courses.)
ECONITES IN IN IA

ECON 151	Introductory Microeconomics: Prices and Markets 3
ECON 152	Introductory Macroeconomics: National Economy 3
ECON 300	Intermediate Microeconomic Theory
or	
ECON 301	Quantitative Microeconomic Theory
ECON 302	Banking and Monetary Policy
	Intermediate Macroeconomic Theory
Five Economi	cs courses, at least two of which are at or above 15
the 400-le	vel

Within the	College	
POSC 105		. 3
GEOG 120	World Regional Geography	3
HIST 104	World History 1648 to Present	. 3
HIST 206	United States History since 1865	. 3
	edits to total 27 with nine credits in each discipline	15

Professional Studies

ED21 201	Education in a Multicultural Society
EDST 304	Educational Psychology – Social Aspects 3
EDST 305	Educational Psychology - Cognitive Aspects
HIST 491	Planning a Course of Instruction
HIST 493	Seminar: Problems in Teaching History and 3
	Social Sciences
EDST 420	Reading in the Content Areas
EDDV 400	Student Teaching 9

To be eligible to student teach, Economics Education students must have a g p a of 3.0 in their major and an overall g p a of 2.75 Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies

CREDITS TO TOTAL A MINIMUM OF 124

ENGLISH

The English Department has a widely varied undergraduate program. In the undergraduate literary studies major, students can study literature in English from Britain, America, and around the world. Undergraduates may elect concentrations in journalism, film, drama, ethnic and cultural studies, or business/ technical writing, or, if they meet the admission requirements, may elect the program in English education. Journalism concentrators undergo intensive training in written journalism and serve on the staff of the University newspaper, The Review, in connection with their study. A number of undergraduate journalism concentrators also gain internship experience with local newspapers, TV stations, and other organizations. The film concentration includes courses in history and theory of film as well as film and literature, Black cinema, and other subjects. The drama concentration allows students to earn the English degree with an emphasis on the study of the theatre and its literature. The ethnic and cultural

studies concentration emphasizes multicultural literatures in the Americas, folklore, and media studies. The program in business/technical writing is designed to prepare students for positions as professional writers or editors in industry and government. This concentration requires internships of qualified students. The concentration in English education prepares students to teach English in the secondary schools (grades 7-12). Graduates of this program receive the B.A. in English and are eligible for teacher certification in 27 states and the Overseas Dependent Schools System.

The department regularly offers a series of creative writing courses both comprehensive and tailored to individual student needs. Courses in writing poetry and fiction are available at all levels, and the department publishes the literary magazine Caesura. In addition, the students give poetry and fiction readings, both with the faculty and by themselves.

The following courses may not be counted toward the English major or minor: ENGL 200, 204, 210, 301, and 365. ENGL 307, 308, 309, 310, 407, 408, and 409 may be counted only as part of the journalism concentration; ENGL 312, 410, 411, 412, 413, 414, 415, and 464 may be counted only as part of the concentration in business/ technical writing; and ENGL 384 may be counted only as part of the concentration in English education.

NECREE, PACHELOD OF ARTS

MAJOR: E	BACHELOR OF ARTS INGLISH		
CURRICULUA	Á		CREDITS
See page 5	i6 for University and College requiremen	ts.	
MAJOR RI	EQUIREMENTS		
Within the	Department		
Five of the for ENGL 202 ENGL 205 ENGL 206 ENGL 300 ENGL 324 ENGL 340 or ENGL 341	Illowing six courses: Biblical and Classical Literature British Literature I British Literature II Texts and Contexts Shakespeare American Literature to the Civil War	A Comment of the Comm	3 3 3 3 3 3
Twelve credit a A cou ature b A cou c A cou d A cou English cours	s at the 300-level or above distributed as follows: urse other than Shakespeare in Medieval or Renai urse in literature between 1700 and 1900 urse in Modern literature. urse in cultural and theoretical studies ues at or above the 300-level	ssance liter	12
English cours	es at or above the 200-level		., 3

ELECTIVES

credits for the major.

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

All English majors must take at least one ENGL 480 seminar and can count only one 200-level elective course (excluding those in the core or

in addition to those counted in the core) toward the minimum number of

CREDITS TO TOTAL A MINIMUM OF 124

CREDITS

DEGREE: BACHELOR OF ARTS MAJOR: ENGLISH

CONCENTRATION: BUSINESS/TECHNICAL WRITING

See page 56 for University and College requirements.

MAJOR REQUIREMENTS

Within the Department

Five of the tol	lowing six courses:
ENGL 202	Biblical and Classical Literature
ENGL 205	British Literature I
ENGL 206	British Literature II

ENGL 300 ENGL 324	Texts and Contexts 3 Shakespeare 3	of the concentration in Business and Technical Writing; ENGL 200, 204, 210, 301, 365 do not count toward the English major
ENGL 340	American Literature to the Civil War	ELECTIVES
ENGL 341	American Literature: Civil War to World War II	After required courses are completed, sufficient elective credits must be
a A co ature b A co	at the 300-level or above distributed as follows: 9 urse other than Shakespeare in Medieval or Renaissance liter- or a course in literature between 1700 and 1900 urse in Modern literature or a course in cultural and theoretical	CREDITS TO TOTAL A MINIMUM OF
studi c. A lite	es erature course	DEGREE: BACHELOR OF ARTS MAJOR: ENGLISH
One of the f	ollowing three courses	CONCENTRATION: ETHNIC AND CULTURAL STUDIES
ENGL 312 ENGL 410	Written Communications in Business 3 Technical Writing 3	CURRICULUM CREDITS
ENGL 415	Writing for the Professions 3	See page 56 for University and College requirements.
ENGL 411	Rhetoric for Business and Technical Writers 3	MAJOR REQUIREMENTS
ENGL 412 ENGL 414	Business and Technical Publication 3 Technical Editing 3	Within the Department
ENGL 464	Internship in Business/Technical Writing 3	Five of the following six courses: ENGL 202 Biblical and Classical Literature
Optional:		ENGL 205 British Literature I
	Topics in Technical Writing or one other EBT course 3 ors must take at least one ENGL 480 seminar and can count Olevel course toward the minimum number of credits for the	ENGL 206 British Literature II 3 ENGL 300 Texts and Contexts 3 Concentrators in Ethnic and Cultural Studies must include ENGL 300 as one of the five courses chosen
ELECTIVI	T.C.	ENGL 324 Shakespeare 3
After require	ed courses are completed, sufficient elective credits must be	ENGL 340 American Literature to the Civil War
	et the minimum credit requirement for the degree. Most con- ke a core of courses in a technical or business discipline such	ENGL 341 American Literature: Civil War to World War II 3
as Computer	r Science, Chemistry, Business Administration or Accounting.	Nine credits at the 300-level or above, distributed as follows: a A course other than Shakespeare in Medieval or Renaissance literature or a course in literature between 1700 and 1900 b. A course in Modern literature or a course in cultural and theoretical
		studies. c. A literature course.
DEGREE:	BACHELOR OF ARTS	In addition to ENGL 300, students concentrating in Ethnic and Cultural
MAJOR: I	ENGLISH TRATION: DRAMA	Studies must take the following courses: ENGL 379 Introduction to Efhnic and Cultural Studies
CURRICULU/		ENGL 382 Studies in Multicultural Literature (may be repeated for credit when topics differ)
	56 for University and College requirements. EQUIREMENTS	Two other courses at the 300-level or above, to be chosen in consultation with the student's concentration advisor.
Within the	Department	All ECS majors must take at least one ENGL 480 seminar and can count only
NGL 324	Shakespeare 3	one 200-level course toward the minimum number of credits for the major.
NGL 202 NGL 205	ollowing six courses: Biblical and Classical Literature 3 British Literature 1 3	CREDITS TO TOTAL A MINIMUM OF 124
ENGL 206 ENGL 300	British Literature II 3 Texts and Contexts 3	DEGREE: BACHELOR OF ARTS
ENGL 340	American Literature to the Civil War	MAJOR: ENGLISH
NGL 341	American Literature: Civil War to World War II	CONCENTRATION: FILM
Literature	Courses	CURRICULUM CREDITS See page 56 for University and College requirements.
	o the core sequence, English majors concentrating in Drama course at the 300-level or above from each of the following	MAJOR REQUIREMENTS
groups (2 co		Within the Department
Medieval an	d Renaissance literature (excluding ENGL 324)	Five of the following six courses: ENGL 202 Biblical and Classical Literature 3
iterature Bet	ween 1700 and 1900	ENGL 205 British Literature I
Modern Liter	ature	ENGL 206 British Literature II 3 ENGL 300 Texts and Contexts 3
or Cultural and	Theoretical Studies 3	ENGL 324 Shakespeare 3
One other lite	erature course is required. This course may be at the 200-, Llevel <i>if</i> one of the courses taken in the above two groups is	ENGL 340 American Literature to the Civil War
	ar Otherwise, this additional course <i>must</i> be a 480 seminar	ENGL 341 American Literature: Civil War to World War II
Orama Cou	irses	Nine credits at the 300-level or above distributed as follows: a A course other than Shakespeare in Medieval or Renaissance liter-
	centrating in drama must also take:	ature or a course in literature between 1700 and 1900.
NGL 208	Introduction to Drama 3	 A course in Modern literature or a course in cultural and theoretical studies.
at least on	onal courses (approved by the Faculty Advisor):	c. A literature course
comparab		Students concentrating in film must take the following film courses: ENGL 217 Introduction to Film
	308, 309, 310, 407, 408, 409 count toward the English s part of the concentration in journalism; ENGL 312, 410,	ENGL 317 Film History
	13, 415, 464 count toward the English major only as part	ENGL 318 Studies in Film (variable content, may be repeated once) 3 FNGL 417 Film Theory and Criticism 3

All EFM majors must take at least one ENGL 480 seminar and can count only one 200-level course toward the minimum number of credits for the major.
ELECTIVES After required courses are completed, sufficient elective credits must be
taken to meet the minimum credit requirement for the degree
CREDITS TO TOTAL A MINIMUM OF 124
DEGREE: BACHELOR OF ARTS MAJOR: ENGLISH CONCENTRATION: JOURNALISM
CURRICULUM CREDITS
See page 56 for University and College requirements.
MAJOR REQUIREMENTS
Within the Department
Five of the following six courses: ENGL 202 Biblical and Classical Literature
ENGL 340 American Literature to the Civil War
or ENGL 341 American Literature: Civil War to World War II
Nine credits at the 300-level or above distributed as follows: 9 a A course other than Shakespeare in Medieval or Renaissance literature or a course in literature between 1700 and 1900. b A course in Modern literature or a course in cultural and theoretical studies. c A literature course.
Prior to enrolling in the following course, ENGL 110 or equivalent must
be completed with a grade of B or better. ENGL 307 News Writing and Editing 3
At least nine credits chosen from among the following courses: 9 ENGL 308 Reporter's Practicum 3 ENGL 309 Feature and Magazine Writing 3 ENGL 310 Copy Editing and Layout 3 ENGL 407 Advanced Reporting 1-3 ENGL 408 Sports Writing 3 ENGL 409 Topics in Journalism 3
May be taken in addition to the 36 required credits in English: ENGL 466 Internship 1-6
All EJR majors must take at least one ENGL 480 seminar and can count only one 200-level course toward the minimum number of credits for the major.
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree
CREDITS TO TOTAL A MINIMUM OF 124
DEGREE: BACHELOR OF ARTS MAJOR: ENGLISH EDUCATION
CURRICULUM CREDITS
See page 56 for University and College requirements.
MAJOR REQUIREMENTS
Within the Department ENGL 202 Biblical and Classical Literature 3 ENGL 205 British Literature I 3 ENGL 206 British Literature II 3 ENGL 302 Advanced Composition 3 ENGL 324 Shakespeare 3 ENGL 340 American Literature to the Civil War 3 ENGL 341 American Literature: Civil War to World War II 3 ENGL 390 English Linguistics 3
Three English courses at the 300-level or above distributed as follows: 9 British literature before 1900

Within the COMM 251	College , 255, 312, or 350 or THEA 102 or 226
	ollowing four courses: History of the English Language 3 Semantics I 3 Sociolinguistics of English in the Inner City 3 Teaching English as a Second Language 3
Professiona	
EDST 201 EDST 304 EDST 305 ENGL 383 ENGL 384 ENGL 481 EDDV 400 EDDV 403	Education in a Multicultural Society 3 Educational Psychology – Social Aspects 3 Educational Psychology – Cognitive Aspects 3 Teaching Composition in Secondary School 3 Teaching English in Secondary School 3 Seminar in Teaching English 3 Student Teaching 9 Adolescent Literature 3
g p a of 3.0 dents should on p. 155) to	e to student teach, English Education students must have a in their English major and an overall g.p a. of 2.75. Stu- consult the teacher education program coordinator (see list pobtain the student teaching application and other informa- ing student teaching policies.
ELECTIVE	
After require taken to mee	d courses are completed, sufficient elective credits must be the minimum credit requirement for the degree.
CREDITS T	O TOTAL A MINIMUM OF 124

REQUIREMENTS FOR OTHER PROGRAMS IN ENGLISH

> The English Department also offers a program leading to a minor in English. The course of study for the English minor includes ENGL 202, 205, 206, 324 and two additional courses in literature and composition above the 200-level. One course must be in British Literature or Cultural and Theoretical Studies, and one course must be in American Literature. By earning 15 credits in recommended courses at the 300-level, a student may minor in Irish Studies. Required courses include ENGL 351 and HIST 373. A student may also minor in Medieval Studies.

> Eligible students may elect to pursue the Honors degree in English or the Degree with Distinction. Those taking the Honors degree must satisfy all the requirements established by the University Honors Program; in addition, they must meet requirements set by the English Department: a minimum of 12 credits in Honors courses in English, not including the thesis (one course must be an Honors Seminar, ENGL 480 Honors); and an Honor thesis.

FOREIGN LANGUAGES AND LITERATURES

Modern. To prepare students to speak, understand, read and write the language they are studying, the Department of Foreign Languages and Literatures uses proficiency-oriented communicative approaches to language learning. Many of the elementary/intermediate courses are team taught, and there are special programs for students at this level who want to continue their language/culture study abroad. A high-tech Foreign Language Media Center is available for student use.

All majors and minors are encouraged to spend at least one semester, one winter session, or one summer of study in a country in which the foreign language is spoken natively

Ancient. The program offers a liberal education in the fullest sense of that term by giving one the means to identify a problem, solve it without losing sight of its larger implications, express the solution clearly, and persuade others of its validity. Students of the classics learn habits of accuracy and clarity of expression and in the process grapple with the universal ethical, social, and political problems.

PLACEMENT AND DUPLICATE CREDIT

Students intending to enroll in a foreign language course will be placed according to the number of years of previous study of that language. As a general rule, students with fewer than two years of high school foreign language or the equivalent will be placed at the 105 level, students with two or three years will be placed at the 106-level, and students with more than three years will be placed at the 107level. Exceptions to this rule can be made only upon the recommendation of the Foreign Language Placement Advisor

No credit will be granted for a 100-level course if the student has already successfully completed a 200-level course or a course higher in the 100-level sequence in the same language, e.g., credit for a 105 course will not be given if a 106 course has already been successfully completed

Skipping Courses: Students are advised that once they begin their foreign language courses at the 100-level, they are not permitted to skip courses in the sequence (for example, students are not permitted to move directly from 105 to 107). The prerequisite for each 100level course *must* be observed.

It is important to note that only 15 credits of the same elementary/intermediate language will be counted towards the degree.

FOREIGN LANGUAGE EDUCATION

The Department of Foreign Languages & Literatures administers the B.A. program in Foreign Language Education leading to secondary certification in Classics, French, German, Italian, Latin, Russian, and Spanish Those students pursuing teaching certification are encouraged to study in the country where their particular foreign language is spoken. Information on study abroad programs is available through the Department of Foreign Languages and Literatures.

DEGREE: BACHELOR OF ARTS MAJOR: CLASSICAL STUDIES

CREDITS

See page 56 for University and College requirements. MAJOR REQUIREMENTS

Within the Department

GREK 101	Elementary Ancient Greek I		
GREK 102	Elementary Ancient Greek II		
LATN 213	Intermediate Latin I		
LATN 214	Intermediate Latin II		
Three additional credits in Latin or Greek at the 200-level or above			

Within the College

Twenty-one credits venty-one creais chosen with prior approval of the advisor and according to option requirements, from the following areas: Anthropology (3 credits), Art History (3 credits), Foreign Languages and Literatures (6 credits), History (6 credits), Philosophy (3 credits)

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF......124

Note: See the associate chair of the department for detailed requirements The faculty of each program shall determine specific course requirements, which may be more stringent than those listed above

DEGREE: BACHELOR OF ARTS

MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: CLASSICS

See page 56 for University and College requirements.

MAJOR REQUIREMENTS

Within the Department

GREK 101	Elementary Ancient Greek	3
GREK 102	Elementary Ancient Greek	
	dits in Greek and Latin above the 100-level with six credits	18
at or abov	ve the 300-level, and at least six credits in each language.	
FLLT 202	Biblical and Classical Literature	,, 3
FLLT 316	Classical Mythology	
FLLT 322	Topics: Classical Literature in Translation	3
Within the	College	
courses in ative Liter	om 200-, 300-, or 400-level courses (including translation) in Foreign Languages and Literatures, Compar- ature, Linguistics, or other departments, selected in consulta- the advisor.	6

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: CLASSICS EDUCATION

CREDITS

See page 56 for University and College requirements: MAJOR REQUIREMENTS

Within the Department

GREK 101 GREK 102	Elementary Ancient Greek I	3
	s in Greek and Latin at or above the 100-level is at or above the 300-level, and at least 3 credits	
in each langu	age	2
FLLT 202	Biblical and Classical Literature	
FLLT 316	Classical Mythology	3
FLIT 322	Topics: Classical Literature in Translation	5
Professional		
EDST 201	Education in a Multicultural Society	3
EDST 304	Educational Psychology – Social Aspects	3
EDST 305	Educational Psychology - Cognitive Aspects	
EDDV 400	Student Teaching	7
EDDV 400 FLIT/LING 42	1 Methods of Teaching Foreign Languages	3
	1 Methods of Teaching Foreign Languages	3

To be eligible to student teach, Foreign Language Education students must have a g.p.a of 3.0 in their Classics Education major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies.

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF...... 124

DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: FRENCH STUDIES

For the different options available under the French Studies concentration (language and literature, civilization and culture, area studies, period studies, linguistics), students should see their advisor or the associate chair of the department.

See page 56 for University and College requirements. MAJOR REQUIREMENTS

Within the Department

Twelve credits in FREN electives at the 200-level and above Twelve credits in FREN literature at the 300 or 400-level (at least six credits must be at the 400-level)

Within the College

CREDITS

A total of twelve to fifteen credits at the 200-level or above, chosen with prior approval of the advisor and according to option requirements, from the following areas: French, Anthropology, Art History, Comparative Literature, English, Foreign Languages and Literatures, History, Linguistics, Music, Philosophy, Political Science, Theatre **CREDITS**

	ES ed courses are completed, sufficient elective credits must be et the minimum credit requirement for the degree	Within the College A total of twelve to fifteen credits at the chosen with prior approval of the adv
	- Participation of the Control of	ments, from the following areas: Gern
	TO TOTAL A MINIMUM OF 124	parative Literature, English, Foreign La Linguistics, Music, Philosophy, Politica
The faculty	the associate chair of the department for detailed requirements. of each program shall determine specific course requirements, be more stringent than those listed above.	ELECTIVES After required courses are completed, staken to meet the minimum credit required.
	BACHELOR OF ARTS	CREDITS TO TOTAL A MINIMU
MAJOR: CURRICULU	FRENCH EDUCATION CREDITS	Note: See the associate chair of the d The faculty of each program shall deter
See page	56 for University and College requirements.	which may be more stringent than those
MAJOR R	REQUIREMENTS	and the state of t
Within the	Department	
FREN 211 or	French Reading & Composition: Short Story	DEGREE: BACHELOR OF ARTS MAJOR: GERMAN EDUCATIO
FREN 212	French Reading & Composition: Theatre	CURRICULUM
FREN 301 FREN 302 FREN 314	French Literature: Prose	See page 56 for University and (MAJOR REQUIREMENTS
	following courses:	Within the Department
FREN 313 FREN 306	Intensive French Composition 3 Practical Oral/Written Expression 3	GRMN 200 German Grammar Revie
FREN 305	Advanced French Conversation 3	GRMN 205 German Conversation
	ollowing courses:	GRMN 211 German Reading and Co
FREN 308 FREN 325	Contemporary France II 3 French Civilization I 3	or GRMN 212 German Reading and Co
FREN 326 FREN 453	French Civilization II. 3 French Civilization III. 3	GRMN 305 German Conversation ar
One of the f	following courses:	GRMN 306 Practical Oral/Written E
FREN 401	Advanced French Grammar 3	GRMN 311 Introduction to German L
FREN 402 FREN 403	Advanced French Composition 3 History & Evolution of French Language 3	and GRMN 312 Introduction to German L
FREN 406	Advanced French Language	
LING 440	Structure of French	GRMN 308 Contemporary Germany or
Profession		GRMN 325 German Civilization and
EDST 201	Education in a Multicultural Society 3	GRMN 340 Focus on Genre: German
EDST 304	Educational Psychology – Social Aspects 3	or GRMN 355 Special Topics
EDST 305 EDDV 400	Educational Psychology – Cognitive Aspects 3 Student Teaching 9	One of the following courses:
FLLT/LING 4	121 Methods of Teaching Foreign Languages 3	GRMN 403 History of the German Lo
FLLT/LING 4	122 Language Syllabus Design	GRMN 406 Advanced German Lang LING 460 The Structure of German
LING/FLLT 4		Six credits in GRMN literature at the 40
	le to student teach, Foreign Language Education students must a. of 3.0 in their French Education major and an overall g.p.a.	Professional Studies
of 2.75 Stu	dents should consult the teacher education program coordina-	EDST 201 Education in a Multicultu
	on p 155) to obtain the student application and other informa- ning student teaching policies	EDST 304 Educational Psychology -
		EDST 305 Educational Psychology - FLLT/LING 421 Methods of Teaching
After require	ed courses are completed, sufficient elective credits must be	FLIT/LING 422 Language Syllabus De
	et the minimum credit requirement for the degree	LING/FLLT 424 Second Language Tes EDDV 400 Student Teaching
CREDITS	TO TOTAL A MINIMUM OF 124	To be eligible to student teach, Foreign have a g p.a. of 3.0 in their German E
MAJOR:	BACHELOR OF ARTS FOREIGN LANGUAGES AND LITERATURES	g.p.a. of 2.75. Students should consult coordinator (see list on p. 1.55) to obta information concerning student teaching
	TRATION: GERMAN STUDIES	ELECTIVES After required courses are completed, s
tion (langua od studies, l	rent options available under the German Studies concentra- ge and literature, civilization and culture, area studies, peri- inguistics), students should see their advisor or the associate	taken to meet the minimum credit require
chair of the		
CURRICULU		
· .	56 for University and College requirements.	
	EQUIREMENTS Department	
	Department its in GRMN electives at the 200-level and above 12	
Twelve credi	its in GRMN literature at the 300 or 400-level 12	

Within the College A total of twelve to fifteen credits at the 200-level or above, 12-15 chosen with prior approval of the advisor and according to option requirements, from the following areas: German, Anthropology, Art History, Comparative Literature, English, Foreign Languages and Literatures, History, Linguistics, Music, Philosophy, Political Science, Theatre
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.
CREDITS TO TOTAL A MINIMUM OF 124
Note: See the associate chair of the department for detailed requirements. The faculty of each program shall determine specific course requirements, which may be more stringent than those listed above
DEGREE: BACHELOR OF ARTS MAJOR: GERMAN EDUCATION
CURRICULUM CREDITS
See page 56 for University and College requirements.
MAJOR REQUIREMENTS
Within the Department
GRMN 200 German Grammar Review 3
GRMN 205 German Conversation
GRMN 211 German Reading and Composition: Short Fiction
GRMN 212 German Reading and Composition: Drama 3
GRMN 305 German Conversation and Composition 3
or GRMN 306 Practical Oral/Written Expression 3
GRMN 311 Introduction to German Literature I
and GRMN 312 Introduction to German Literature II 3
GRMN 308 Contemporary Germany II
or GRMN 325 German Civilization and Culture
GRMN 340 Focus on Genre: German Drama, Prose or Poetry
or GRMN 355 Special Topics
One of the following courses: GRMN 403 History of the German Language 3 GRMN 406 Advanced German Language 3 LING 460 The Structure of German 3
Six credits in GRMN literature at the 400-level 6
Professional Studies EDST 201 Education in a Multicultural Society 3 EDST 304 Educational Psychology – Social Aspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3 FLIT/LING 421 Methods of Teaching Foreign Languages 3 FLIT/LING 422 Language Syllabus Design 3 LING/FLLT 424 Second Language Testing 3 EDDV 400 Student Teaching 9
To be eligible to student teach, Foreign Language Education students must have a g.p.a. of 3.0 in their German Education major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.
CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: ITALIAN STUDIES

For the different options available under the Italian Studies concentration (language and literature, civilization and culture, linguistics, area studies, period studies), students should see their advisor or the associate chair of the department.

are chair or the department.	
CURRICULUM	CREDITS
See page 56 for University and College requirements.	
MAJOR REQUIREMENTS	
Within the Department	
Twelve credits in ITAL electives at the 200-level and above	12

Twelve credits in ITAL literature at the 300 or 400-level 12
(at least six credits must be at the 400-level)

Within the College

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

Note: See the associate chair of the department for detailed requirements. The faculty of each program shall determine specific course requirements, which may be more stringent than those listed above.

DEGREE: BACHELOR OF ARTS MAJOR: ITALIAN EDUCATION

CURRICULUM CREDITS
See page 56 for University and College requirements.

MAJOR REQUIREMENTS
Within the Department

Within the I	Department	
ITAL 200	Italian Grammar Review	. 3
or ITAL 250	Introduction to Business Italian	
ITAL 205	Italian Conversation	. 3
or ITAL 206	Culture through Conversation	3
ITAL 211	Italian Reading and Composition: Short Fiction	. 3
ITAL 212	Italian Reading and Composition: Drama and Prose	. 3
ITAL 305	Advanced Italian Conversation and Composition	3
ITAL 306	Practical Oral/Written Expression	3
ITAL 3xx ITAL 3xx ITAL 4xx ITAL 4xx	Literature. Civilization Literature Language	6 3 6
Professional	Studies	
EDST 201 EDST 304 EDST 305 EDDV 400	Education in a Multicultural Society Educational Psychology – Social Aspects Educational Psychology – Cognitive Aspects Student Teaching	3 9
FLLT/LING 42 FLLT/LING 42 LING/FLLT 42	2 Language Syllabus Design	3
To be elimible	to student touch Foreign Language Education students must	

To be eligible to student teach, Foreign Language Education students must have a g.p a of 3.0 in their Italian Education major and an overall g.p.a. of 2.75 Students should consult the teacher education program coordinator (see list on p 155) to obtain the student application and other information concerning student teaching policies.

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: LATIN STUDIES

For the different options available under the Latin Studies concentration (language and literature, area studies, period studies), students should see their advisor or the associate chair of the department.

should see their advisor or the associate chair of the department.	
CURRICULUM	
See page 56 for University and College requirements.	

MAJOR REQUIREMENTS

Within the Department
Twelve credits in LATN electives at the 200-level and above 12
Twelve credits in LATN literature at the 300 or 400-level 12
(at least six credits must be at the 400-level)

CREDITS

Within the College

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.

CREDITS TO TOTAL A MINIMUM OF 124

Note: See the associate chair of the department for detailed requirements. The faculty of each program shall determine specific course requirements, which may be more stringent than those listed above.

DEGREE: BACHELOR OF ARTS MAJOR: LATIN EDUCATION

CURRICULUM CREDITS

See page 56 for University and College requirements.
MAJOR REQUIREMENTS

Within the Department

IATN 2xx

LATN 3xx ar	nd/or LATN 4xx	9
LATN 421	Latin Prose Composition	3
LATN 431	History of Latin Literature	3
LATN 4xx	The state of the s	9
Professiona	al Studies	
EDST 201	Education in a Multicultural Society	3
EDST 304	Educational Psychology - Social Aspects	
EDST 305	Educational Psychology – Cognitive Aspects	
EDDV 400	Student Teaching	9
FLLT/LING 4	21 Methods of Teaching Foreign Languages	
FLLT/LING 4		
LING/FLLT 4		

To be eligible to student teach, Foreign Language Education students must have a g.p.a. of 3.0 in their Latin Education major and an overall g.p.a of 2.75. Students should consult the teacher education program coordinator (see list on p. 1.55) to obtain the student application and other information concerning student teaching policies.

ELECTIVES

After required courses are completed sufficient elective credits must be taken to meet the minimum credit requirement for the degree.

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: RUSSIAN STUDIES

For the different options available under the Russian Studies concentration (language and literature, area studies, period studies, linguistics), students should see their advisor or the associate chair of the department.

See page 56 for University and College requirements.

MAJOR REQUIREMENTS

CREDITS

Twelve cardit in RUSS electives of the 200-level and above 12 between certain in RUSS electives of the 200 of A00-level 12 for level cardit in RUSS infection of the 200 of A00-level 12 for level cardit in RUSS infection of the 200 of A00-level 12 for level cardit in RUSS infection of the 200 of A00-level 12 for level cardit in RUSS infection of the 200 of A00-level 12 for level cardit in RUSS infection of the 200 of A00-level 12 for level cardit in RUSS in R	Within the Department	Within the Department
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Number 12 College of the device of the control of the college of t	(at least six credits must be at the 400-level)	(at least six credits must be at the 400-level)
A fool of hewle to Bithern coeds or the 200-level or above, chosen with prior approach of the advisor and according to option requirements, from the following areas: Standen, Art History, Comparative Ulterature, English, Fooliga longuages and Ulteratures, History, Unquitates, Indian	FLLT 375 Topics: Russian and Soviet Culture in Translation 3	Within the College
A noted of nine credits at the 200 level or above, chosen with prior approved of the advisor and according to option requirements, from the following areas: Sponish, Antibodogy, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative ments, from the following areas: Reason, Art History, Comparative Ments, and the comparative ments are areason and the second and the second areason areason and the following areas: Reason, Art History, Comparative Ments and the following areas: Reason, Art History, Comparative Ments and the following areas: Reason, Art History, Comparative Ments and Art History, Comparative Ments and the following areas: Reason, Art History, Comparative Ments and the following areason areason and the following areason and composition and the following areason and composition and com		
with prior approval of the advisor and according to option requirement, from the following areas: Season, Art Habory, Comparative Linguistics, Markey, Fallical Cases, Comparative Linguistics, Autor Review Comparative Linguistics, Autor Markey, Comparative Linguistics, Autor Markey, Comparative Linguistics, Autor Markey, Comparative Linguistics, Autor Linguistics, Lin	<u> </u>	ments, from the following areas: Spanish, Anthropology, Art History, Com-
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree CREDITS TO TOTAL A MINIMUM OF	with prior approval of the advisor and according to option require-	parative Literature, English, Foreign Languages and Literatures, History,
Music, Political Science ELECTIVES After required courses are completed, sufficient elective credits must be token to meet the minimum credit requirement for the diggree. CREDITS TO TOTAL A MINIMUM OF		
taken to meet the minimum credit requirement for the degree CREDITS TO TOTAL A MINIMUM OF		
After required courses are completed, sufficient elective credits must be token to meet the minimum credit requirement for designed requirements. The foculty of each program shall determine specific course requirements, which may be more stringent than those lated above. DEGREE: BACHELOR OF ARTS MAJOR: RUSSIAN EDUCATION CURRICULUM CURRICULUM CURRICULUM CURRICULUM CREDITS DEGREE: BACHELOR OF ARTS MAJOR: REPORT The string of th	ELECTIVES	
CREDITS TO TOTAL A MINIMUM OF		
Notes See the associate chair of the department for idealized requirements, which may be more stringent from those lated dove which may be more stringent from those lated dove (NECULIA) of each program shall determine specific course requirements, which may be more stringent from those lated dove (NECULIA) of CREDITS (NAJOR: RUSSIAN EDUCATION) CRECUITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department RUSS 21 Russion Receding and Composition 3 (RUSS 40) Advenced Russion Grammar Review 3 (RUSS 20) Russion From the following courses: Nove of the followi	taken to meet the minimum credit requirement for the degree	
Notes See the associate chair of the department for detailed requirements, which may be more stringent than those listed above. DEGREE: BACHELOR OF ARTS MAJOR: SPANISH EDUCATION CURRICULUM CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department RUSS 210 Russian Reading and Composition 3 RUSS 303 Russian Conversation and Composition 3 Six radist in RUSS iterative of the 400-level 6 Six Russian Reading our Composition 3 Six radist in RUSS illustrate of the 400-level 6 Six Russian Russian Conversation and Composition 3 Six radist in RUSS illustrate of the 400-level 6 Six Russian Russian Conversation and Composition 3 Six Russian	CREDITS TO TOTAL A MINIMUM OF 124	The faculty of each program shall determine specific course requirements,
DEGREE: BACHELOR OF ARTS MAJOR: RUSSIAN EDUCATION CRECUITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department RUSS 211 Russian Recolling and Composition 3 3 (SPAN 200 is on persequiring) (SPAN 200 is one persequiring)		
DEGREE: BACHELOR OF ARTS MAJOR: RUSSIAN EDUCATION CURRICULUM CREDITS MAJOR REQUIREMENTS Within the Department		
DEGREE: BACHELOR OF ARTS MAJOR RUSSIAN EDUCATION CRECULUR CURRICULUM CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS MAJOR FORMANCH SPAN 303 Contemporation and Colluctor of Communication of Contemporation of Colluctor of Colluctor of Major Advanced Sp		DEGREE: BACHELOR OF ARTS
CURRICULUM CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department RUSS 211 Russion Reading and Composition 3 (SPAN 200 is a prerequisite) RUSS 301 Advanced Russian Grammar and Composition 3 (SPAN 200 is a prerequisite) RUSS 401 Advanced Russian Grammar and Composition 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Conversation and Composition 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 200 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 201 Russian Grammar Review 3 (SPAN 200 is a prerequisite) RUSS 202 Russian Convertation 3 (SPAN 200 is a prerequisite) RUSS 203 Russian Convertation 3 (SPAN 300 Contemporary Spain II 3 (SPAN 300 Survey of Spanish Literature 3 (SPAN 300 Survey of Spanish Russian Literature 3 (SPAN 300 Survey of Spani	DEGREE: BACHELOR OF ARTS	
See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department RUSS 210 Russian Reading and Composition 3 (SPAN 200 is a prerequisite) RUSS 230 Russian Conversation and Composition 3 (SPAN 200 is a prerequisite) One of the following courses: RUSS 220 Russian Grammar Review 3 (SPAN 200 Russian Conversation and Composition 3 (SPAN 200 is a prerequisite) One of the following courses: RUSS 220 Russian Grammar Review 3 (SPAN 200 Russian Grammar Russian Russi		CURRICULUM CREDITS
MAJOR REQUIREMENTS Within the Department SISS 211 Russian Reciding and Composition	CURRICULUM CREDITS	See page 56 for University and College requirements.
Within the Department RUSS 211 Russian Reading and Composition RUSS 305 Russian Conversation and Composition RUSS 211 Russian Grammar and Composition RUSS 212 Russian Grammar Review RUSS 200 Russian Grammar Review RUSS 200 Russian Grammar Review RUSS 201 Russian Conversation RUSS 310 Introduction to Russian Literature I RUSS 310 Introduction to Russian Literature I RUSS 311 Introduction to Russian Literature I RUSS 312 Introduction to Russian Literature I RUSS 325 Russian Conversation RUSS 312 Introduction to Russian Literature I RUSS 326 Russian Conversation RUSS 312 Introduction to Russian Literature I RUSS 327 Russian Conversation and Culture RUSS 328 Russian Civilization and Culture RUSS 329 Russian Civilization and Culture Russian Russian Literature I RUSS 327 Russian Russian Literature I RUSS 328 Russian Civilization and Culture Russian Russian Literature I RUSS 328 Russian Civilization and Culture Russian Russian Literature I RUSS 329 Russian Civilization and Culture Russian Russian Literature I Russian Russian Russian Literature I Russian Rus	See page 56 for University and College requirements.	MAJOR REQUIREMENTS
SFAN 200 is a prerequisite		
RUSS 211 Russian Reading and Composition 3 RUSS 401 Advanced Russian Grommar and Composition 3 RUSS 401 Advanced Russian Grommar and Composition 3 RUSS 401 Russian Grommar and Composition 3 RUSS 401 Russian Grommar Review 3 Che of the following courses: RUSS 202 Russian Conversation 3 RUSS 205 Russian Conversation 3 RUSS 205 Russian Conversation 3 RUSS 205 Russian Conversation 3 RUSS 310 Introduction to Russian Literature I 3 RUSS 310 Introduction to Russian Literature I 3 RUSS 311 Introduction to Russian Literature I 3 RUSS 312 Introduction to Russian Literature I 3 RUSS 312 Introduction to Russian Literature I 3 RUSS 312 Introduction to Russian Chiraction and Culture 3 RUSS 312 Introduction to Russian Literature I 3 RUSS 313 Entroduction to Russian Literature I 3 RUSS 312 Introduction to Russian Literature I 3 RUSS 313 Introduction to Russian Literature I 3 RUSS 312 Introduction Introduction to Russian Literature I 3 RUSS 312 Introduction Introduction Introduction Introduction Introduction Introduction Introducti	Within the Department	
RUSS 303 Methoducing courses: RUSS 200 Russian Grammar and Composition 3 Six credit in RUSS literature or the 400 level 5 RUSS 200 Russian Grammar and Composition 3 Six credit in RUSS literature or the 400 level 5 RUSS 200 Russian Grammar Review 3 RUSS 200 Russian Grammar Review 3 RUSS 200 Russian Grammar Review 3 RUSS 201 Russian Conversation 3 Two of the following courses: RUSS 202 Russian Circulated in the Russian Literature 1 3 RUSS 312 Introduction to Russian Literature 1 3 RUSS 313 Introduction to Russian Literature 1 3 RUSS 312 Russian Circulation and Culture 3 RUSS 313 Russian Circulation and Culture 3 RUSS 312 Russian Circulation and Culture 3 RUSS 313 Russian Circulation and Culture 3 RUSS 314 Russian Circulation and Culture 3 RUSS 315 Russian Circulation and Culture 3 RUSS 316 Russian Circulation and Culture 3 RUSS 317 Russian Circulation and Culture 3 RUSS 318 Russian Circulation and Culture 3 RUSS 319 Russian Circulation and Culture 3 RUSS 310 Russian Circulation and Culture 3 Russian Circulation and Culture 3 RUSS 310 Russian Circulation and Culture 3 Russian Circulation and Culture 3 RUSS 310 Russian Circulatio	RUSS 211 Russian Reading and Composition	
Six credits in RUSS literature at the 400-level 5PAN 325 Spanish Culturer 3 SPAN 326 Interaction and Culture 3 SPAN 326 Survey of Spanish Interacture 3 SPAN 326 Spanish Spanish Spanish Interacture 3 SPAN 326 Spanish Spanish Spanish Interacture 3 SPAN 326 Spanish Spanish Spanish Interacture 3 SPAN 326 Spanish Spanish Span	RUSS 305 Russian Conversation and Composition 3	SPAN 308 Contemporary Spain II
One of the following courses: RUSS 205 Russian Grammar Review 3 3 RUSS 205 Russian Conversation 3 3 RUSS 310 Introduction to Russian Literature 3 3 RUSS 310 Introduction to Russian Literature 3 3 RUSS 312 Russian Grammar Review 3 3 RUSS 312 RUSS 312 Russian Conversation 3 RUSS 313 RUSS 312 Russian Conversation 3 RUSS 313 Russian Conversation 3 RUSS 314 Russian Conversation 3 RUSS 315 Russian Conversation 3 RUSS 315 Russian Childreduction to Russian Literature 3 8 RUSS 316 Russian Childreduction to Russian Literature 3 8 RUSS 317 Related Work: 4 Related Work: 5 Related Work: 5 Related Work: 5 Russian and Soviet Culture in Translation 3 7 Related Work: 5 Russian and Soviet Culture in Translation 3 7 Related Work: 5 Russian and Soviet Culture in Translation 3 8 Related Work: 5 Russian Childreduction Review and Soviet Culture in Translation 3 8 Related Work: 5 Russian Childreduction Review and Soviet Culture in Translation 3 8 Related Work: 5 Russian Childreduction Review and Soviet Culture in Translation 3 8 Related Work: 5 Russian Childreduction Review and Soviet Culture in Translation 3 8 Related Work: 5 Russian Crimital Review of Review and Soviet Culture in Translation 3 8 Related Work: 5 Related Work: 5 Russian Crimital Review of Review		
RUSS 205 Russian Conversation 3 Russian Conversation 3 Russ 310 Russian Conversation 3 Russ 312 Introduction to Russian Literature 1 Russ 312 Russ 312 Russian Conversation 3 Related Work: Span 305 Survey of Spanish Hierature 3 SPAN 303 Survey of Spanish-American Literature 3 Related Work: Span 305 Survey of Spanish-American Literature 3 SPAN 305 Oral Communication SPAN 306 Practical Oral/Writher Expression SPAN 306 Practical Oral/Writher Expression SPAN 307 Oral Communication SPAN 308 Survey of Spanish-American Literature SPAN 308 Survey of Spanish-American Literature SPAN 3		
Two of the following courses: RUSS 310 Introduction to Russian Literature 3 RUSS 311 Introduction to Russian Literature 3 RUSS 312 Russian Civilization and Culture 3 RUSS 325 Russian Civilization and Culture 3 Russian Practical Credit Nature 3 Russian Practical Credit Nature 3 Russian Practical Credit Nature 3 Russian Practical		SPAN 301 Survey of Spanish Literature 3
RUSS 310 Introduction to Russian Literature I 3 RUSS 325 Russian Civilization and Culture 3 SPAN 305 Coral Communication 3 SPAN 305 Oral Communication 3 SPAN 305 Oral Communication 3 SPAN 305 Oral Communication 3 SPAN 306 Practical Oral/Written Expression 3 SPAN 307 SPAN 308 SPAN 3		SPAN 302 Survey of Spanish Literature
RUSS 312 Introduction to Russian Literature II 3 Rusis and Source Concentration (Indiguage and Interacture II 3 SPAN 305 Oral Communication 3 SPAN 306 Practical Oral/Written Expression 3 Related Work: FUE 327 Topics: Russian Literature in Translation 3 SPAN 306 Practical Oral/Written Expression 3 SPAN 314 Spanish Phonetics and Phonology 3 Topics: Russian and Soviet Culture in Translation 3 SPAN 314 Spanish Phonetics and Phonology 4 Phonology 4 Spanish Phonetics and Phonology 4 Spanish Phonetics and Phonology 4 Phonology 4 Spanish Phonetics and Phonology 4 Spani	RUSS 310 Introduction to Russian Literature I 3	
Related Work: FILT 377 Topics: Russian Literature in Translation 3 FILT 327 Topics: Russian and Soviet Culture in Translation 3 FProfessional Studies EDST 201 Education in a Multicultural Society 3 EDST 304 Educational Psychology - Cognitive Aspects 3 EDST 305 Educational Psychology - Cognitive Aspects 3 EDV 400 Student Teaching 9 FILT/IUNG 421 Methods of Teaching Foreign Language Education students must have a p a a of 3 0 in their Russian Education major and an overall 1 EDST 201 Educational Psychology - Social Aspects 3 EDV 400 Student Teaching 9 FILT/IUNG 422 Language Syllabus Design 3 To be eligible to student teach, Foreign Language Education students must have a p a of 3 0 in their Russian Education major and an overall 2 EDST 301 Educational Psychology - Social Aspects 3 To be eligible to student teach, Foreign Language Education and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF 124 DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish Bardea studies, Latin American area studies, period studies, liquistics), stu-	RUSS 312 Introduction to Russian Literature II	
FLIT 327 Topics: Russian Literature in Translation 3 Topics Russian and Soviet Culture in Translation 3 SPAN 314 Spanish Phonetics and Phonology 3 SPAN 315 Spanish Phonetics and Phonology 3 SPAN 316 Spanish Phonetics and Phonology 3 SPAN 316 Spanish Phonetics and Phonology 3 SPAN 317 Spanish Phonetics and Phonology 3 SPAN 318 Spanish Phonetics and Phonology 3 Spanish Crammar 3 SPAN 318 Spanish Crammar 3 SPAN 318 Spanish Phonetics and Phonology 3 Spanish Crammar 3 SPAN 318 Spanish Crammar 3 SPAN 401 Advanced Spanish Language 3 SpAN 401 Advanced Spanish Language 3 SpAN 401 Advanced Spanish Crammar 3 SpAN 401		or
Professional Studies EDST 201 Education in a Multicultural Society EDST 304 Educational Psychology - Social Aspects EDST 305 Educational Psychology - Social Aspects SPAN 401 Mistory of the Spanish Language SPAN 403 Mistory of the Spanish Language SPAN 404 Mistory of the Spanish Language SPAN 405 Mistory of the Spanish Language SPAN 406 Advanced Spanish Language SPAN 407 Mistory of the Spanish Language SPAN 407 Mistory of the Spanish Language SPAN 408 Mistory of the Spanish Language SPAN 409 Mistory of the Spanish Language SPAN 400 Advanced Spanish Crammar SPAN 401 Advanced Spanish Crammar SPAN 403 Mistory of the Spanish Language SPAN 406 Advanced Spanish Language SPAN 406 Advanced Spanish Crammar SPAN 407 Advanced Spanish Crammar SPAN 407 Advanced Spanish Crammar SPAN 408 Mistory of the Spanish Language SPAN 406 Advanced Spanish Crammar SPAN 407 Advanced Spanish Crammar SPAN 407 Advanced Spanish Crammar SPAN 408 Mistory of the Spanish Language SPAN 406 Advanced Spanish Crammar SPAN 407 Advanced Spanish Crammar SPAN 406 Advanced Spanish Cracure Span 406 Advanced Spanish Crammar FDST		
EDST 201 Education in a Multicultural Society 3 EDST 304 Educational Psychology – Social Aspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3 EDDV 400 Student Teaching — 9 FILIT/IING 421 Methods of Teaching Foreign Languages 3 IING/FILIT 424 Second Language Foreign Languages — 3 IING/FILIT 424 Second Language Testing 3 To be eligible to student teach, Foreign Language Education students must have a g p. a of 3 0 in their Russian Education major and an overall g p. a of 2 75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF	FLLT 375 Topics: Russian and Soviet Culture in Translation 3	
EDST 30.5 Educational Psychology – Social Aspects 3 EDST 30.5 Educational Psychology – Social Aspects 3 EDST 30.5 Educational Psychology – Cognitive Aspects 3 ELIT/INING 42.1 Methods of Teaching Foreign Languages 3 ELIT/INING 42.2 Language Syllabus Design 3 To be eligible to student teach, Foreign Language Education students must have a g p a. of 3.0 in their Russian Education major and an overall g p. a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 1.55) to obtain the student application and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF 124 DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-		One of the following courses: SPAN 401 Advanced Spanish Grammar 3
EDDY 400 Student Teaching Foreign Languages 9 Student Sychology – Cognitive Aspects 9 FLIT/IUNG 421 Methods of Teaching Foreign Languages 3 Six credits in SPAN literature at the 400-level 6 FLIT/IUNG 421 Longuage Syllabus Design 3 LING/FLIT 424 Second Language Festing 3 EDST 201 Education in a Multicultural Society 3 EDST 304 Education and Psychology – Social Aspects 3 EDST 304 Educational Psychology – Social Aspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3 EDST 406 Students Education in a Multicultural Society 3 EDST 305 Educational Psychology – Social Aspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3 EDST 406 Students Edaching Foreign Languages 9 FLIT/IUNG 421 Methods of Teaching Foreign Languages 3 FLIT/IUNG 421 Methods of Teaching Foreign Languages 3 Students and the student application and other information concerning student teaching policies 4 EDST 406 Students and Studies and Studies and Studies 4 EDST 407 Students and Studi		SPAN 403 History of the Spanish Language 3
EDDY 400 Student Teaching	EDST 305 Educational Psychology – Cognitive Aspects 3	
FILTYLING 422 Language Syllabus Design 3 IING/FLIT 424 Second Language Testing 3 To be eligible to student teach, Foreign Language Education students must have a g p a of 3 0 in their Russian Education major and an overall g p.a. of 2 75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF	EDDV 400 Student Teaching 9	Six credits in SPAN literature at the 400-level
LING/FLIT 424 Second Language Testing 3 To be eligible to student teach, Foreign Language Education students must have a g. p. a. of 3.0 in their Russian Education in an overall g. p. a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF	FILT/LING 421 Methods of leaching Foreign Languages 3 FILT/LING 422 Language Syllabus Design 3	
To be eligible to student teach, Foreign Language Education students must have a g.p.a. of 3.0 in their Russian Education major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF	LING/FLLT 424 Second Language Testing 3	م المستسمس
have a g p a of 3 0 in their Russian Education major and an overall g p.a. of 2 75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF	To be eligible to student teach, Foreign Language Education students must	EDST 305 Educational Psychology – Cognitive Aspects 3
coordinator (see list on p. 155) to obtain the student application and other information concerning student teaching policies. ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF		EDDV 400 Student Teachina 9
information concerning student teaching policies ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF		FLIT/LING 421 Methods or leaching Foreign Languages
After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF	information concerning student teaching policies	
credits to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF		
CREDITS TO TOTAL A MINIMUM OF		
DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-		
DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-	CREDITS TO TOTAL A MINIMUM OF 124	information concerning student teaching policies
DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-		
MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-	DEGREE: BACHELOR OF ARTS	
CONCENTRATION: SPANISH STUDIES For the different options available under the Spanish Studies concentration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-		
tration (language and literature, civilization and culture, Spanish area studies, Latin American area studies, period studies, linguistics), stu-		CREDITS TO TOTAL A MINIMUM OF 124
studies, Latin American area studies, period studies, linguistics), stu-		

CREDITS

MAJOR REQUIREMENTS

See page 56 for University and College requirements.

DEGREE: BACHELOR OF ARTS MAJOR: FOREIGN LANGUAGES AND LITERATURES CONCENTRATION: THREE LANGUAGES

See page 56 for University and College requirements. MAJOR REQUIREMENTS

CREDITS

Within the Department

First	Lanauaae	

CURRICULUM

First Language
Six first-language elective credits at the 200-level and above
Nine crediis in literature at the 300 and 400-level (at least three credits at each level) [hree additional credits at the 400-level
Second Language
Six second-language elective credits at the 200-level and above
(at least three credits at each level)
Three additional credits at the 400-level
Third Language
Nine to twelve credits of third-language courses (at least three

Related Work

Six credits from 200-, 300-, or 400-level courses (including courses in translation) in Foreign Languages and Literatures, Comparative Literature, or Linguistics, selected in consultation with the

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

BA DEGREES WITH HONORS IN FOREIGN LANGUAGES AND LITERATURES OR IN FOREIGN LANGUAGE EDUCATION

The following B.A. Degrees may be taken as Honors Degrees:

- 1. Foreign Languages and Literatures Concentrations: Classics, French Studies, German Studies, Italian Studies, Latin Studies, Russian Studies, Spanish Studies, Three Languages
- 2. Classical Studies
- Classics Education
- French Education
- German Education
- 6 Italian Education
- 7. Latin Education
- 8 Russian Education
- 9. Spanish Education

Honors Degree Requirements

To receive the B.A. with Honors, students must complete the following:

- A. All requirements for the B A in Foreign Languages and Literatures or for the B.A. in Foreign Language Education.
- B. All the University's generic requirements for the Honors Degree.

Note: At least six of the Honors credits in the major must be at the 300-level or above.

The Honors Thesis will normally be written in the target language With the prior approval of the thesis director and the Department Chair, the thesis may be written in English.

STUDY ABROAD

In addition to several University-sponsored semester programs abroad in such locations as Costa Rica, London, Paris, Scotland, and Madrid, various programs for study abroad are specifically designed for students of foreign languages.

For the advanced foreign language student, the Department of Foreign Languages and Literatures sponsors fall semester programs in France (Paris), Germany (Bayreuth), and Spain (Granada), and a spring semester program in Italy (Siena). Beginning and intermediate-level students may participate in winter session programs in Costa Rica, France, Germany, Italy, Mexico, Japan, Martinique, or Spain as well as in Summer Session programs in varying locations.

Students majoring in French, German, Italian, and Spanish are expected to spend a semester abroad, and minors are strongly encouraged to do so.

Please consult the main office of the Department of Foreign Languages and Literatures for further details on all programs.

DEGREE: BACHELOR OF ARTS MAJOR: HISTORY/CLASSICS, FRENCH, GERMAN, RUSSIAN, OR SPANISH

GERMAN, RUSSIAN, OR SPANISH
CURRICULUM CREDITS
See page 56 for University and College requirements.
MAJOR REQUIREMENTS
Within the Department of History
HIST 101 Western Civilization to 1648 3 HIST 102 Western Civilization: 1648 to the Present 3 Five 300-level courses, at least two of which must deal with
countries that use the chosen foreign language 15 History seminar at the 400-level or above 3 (excluding HIST 491 and 493 and Independent Study)
Within the Department of Foreign Languages and Literatures
Classics
Civilization: Two classical civilization (or culture) courses: e.g., FLLT 202 (Biblical and Classical Literature) and FLLT 316 (Mythology) 6 Literature: Either 9 credits of Latin at the 200-level or above and 3 credits of Latin at the 300-level or above, or GREK 213 and GREK 214 and 6 credits of Latin at the 200-level or above
French
Civilization: FREN 325 (French Civilization I), or FREN 326 (French Civilization II) or FREN 453 (French Civilization III)
Literature: FREN 301 (Introduction to French Literature: Prose) and FREN 302 (Introduction to French Literature: Poetry and Theatre)
400-level literature course
Two courses at the 200, 300, or 400-level
German Civilization: GRMN 325 (German Civilization and Culture) 3
Literature: GRMN 311 (Introduction to German Literature I) and GRMN 312 (Introduction to German Literature II) 6
400-level literature course
Russian
Civilization: RUSS 325 (Russian Civilization) 3 Literature: RUSS 310 (Introduction to Russian Literature I) and RUSS 312 (Introduction to Russian Literature II) 6
400-level literature course
Spanish
Students must choose either the Peninsular (325, 301, 302) or the Latin American (326, 303, 304) track
Civilization: SPAN 325 (Spanish Civilization and Culture) or SPAN 326 (Latin American Civilization and Culture) 3
Literature: SPAN 301 (Survey of Spanish Literature) and SPAN 302 (Survey of Spanish Literature) 6 or
SPAN 303 (Survey of Spanish-American Literature) and SPAN 304 (Survey of Spanish-American Literature) 6 400-level literature course 3
Two courses at the 200, 300, or 400-level 6
ELECTIVES
After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: FRENCH, GERMAN, OR SPANISH/POLITICAL SCIENCE CURRICULUM CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS French, German, or Spanish/Political Science majors must complete all designated courses and any prerequisite courses (e.g., for admission to the 200-level language courses) with no grade below a C Within the Department of Political Science and International Relations POSC 105 (or other required intro courses) POSC 240 Introduction to International Relations **POSC 270** Comparative Politics POSC 310 European Governments Problems of Western European Politics by Country **POSC 441** POSC 442 Problems of Western European Politics 3 additional courses at the 300 or 400-level with at least 2 at the 400-level and at least 2 in the area of International Relations Within the Department of Foreign Languages and Literatures In addition to completing the courses listed below, students are required to participate in a semester abroad program sponsored by the Department of Foreign Languages and Literatures (in Paris, or the equivalent, for French; in Bayreuth, or the equivalent, for German; in Granada, or the equivalent, for Spanish). French FREN 2xx, 3xx, 4xx (prior to semester abroad) FREN 3xx, 4xx FREN 4xx (literature) (Newark campus only) German GRMN 2xx, 3xx, 4xx (prior to semester abroad) GRMN 4xx (literature) (Newark campus only) SPAN 2xx, 3xx, 4xx (prior to semester abroad) SPAN 3xx, 4xx SPAN 4xx (literature) (Newark campus only) The following courses taken abroad count toward the French, German, or Spanish/Political Science major: **Political Science POSC 441** French FREN 306 or FREN 406 **FREN 308** FREN 355 or FREN 455 HIST 339 German GRMN 306 or GRMN 406 **GRMN 308 GRMN 355 or GRMN 455 HIST 339** Spanish SPAN 306 or SPAN 406 **SPAN 308** SPAN 355 or SPAN 455 **HIST 339 ELECTIVES** After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. CREDITS TO TOTAL A MINIMUM OF 124

Admission and Financial Aid. The departments of Political Science and International Relations and Foreign Languages and Literatures will jointly make decisions regarding admission of students to the program and recommendations for financial aid.

INTERNATIONAL HONORS CERTIFICATES

For majors in Foreign Languages and Literatures (French Studies, German Studies, Spanish Studies) or Political Science and International Relations. This program requires participation in a semester program abroad (in Paris for French, Bayreuth for German, or Granada for Spanish).

18 credits of Honors courses at the 300-level or above are required for this interdisciplinary certificate, 9 in a foreign language (French, German, or Spanish), and 9 in Political Science or International Relations.

Information is available in the Department office.

FOREIGN LANGUAGE CERTIFICATES FOR INTERNATIONAL RELATIONS AND POLITICAL SCIENCE STUDENTS

The (Honors) Foreign Language Certificate Program is intended to enhance the international dimension of the Bachelor's degree in Political Science or International Relations. To earn a Bachelor's degree in Political Science or International Relations with a Foreign Language Certificate or an Honors Foreign Language Certificate in German, French, or Spanish, a student is required to complete a designated sequence of four courses at the 200 and 300-levels. This is accomplished through a combination of two courses taken during Winter Session in Germany, France, Spain, or Costa Rica, and two courses taken on the Delaware campus. The Winter Session courses must be taken first, followed by the courses offered on the Delaware campus.

German (CAFAITC
Winter Session GRMN 206	on in Bayreuth, Germany: Culture through Conversation Contemporary Germany I	CREDITS 3
Delaware Co		
	German Politics in the Press German Civilization and Culture	
French Co		
	on in Caen, France:	CREDITS
FREN 206 FREN 208	Culture through Conversation Contemporary France I	3
Delaware Co	impus -	
FREN 255 FREN 325	French Politics in the Press French Civilization I	
or FREN 326 or	French Civilization II	
FREN 453	French Civilization III	
	Courses (Spain) on in Granada, Spain:	CREDITS
SPAN 206 SPAN 208	Culture through Conversation	
Delaware Co	impus	
SPAN 255 SPAN 325	Spanish Politics in the Press Spanish Civilization and Culture	3 ,
Winter Session	Courses (Costa Rica) on in San José, Costa Rica:	CREDITS
SPAN 206 SPAN 207	Culture through Conversation Contemporary Latin America I	3 · · · · · · · · · · · · · · · · · · ·
Delaware Ca		
SPAN 254 SPAN 326	Latin American Politics in the Press Latin American Civilization and Culture	3

Foreign Language Certificate: To earn a Bachelor's degree in Political Science or International Relations with a Foreign Language Certificate in German, French, or Spanish, a student is required to complete the designated sequence of four 200 and 300-level German, French, or Spanish courses (listed above) with no grade below a C.

Honors Foreign Language Certificate: To earn a Bachelor's degree in Political Science or International Relations with an Honors Foreign Language Certificate, the student must:

- Complete the designated sequence of four courses at the 200 and 300-levels in German, Spanish, or French listed above with no grade below a B-.
- · Take all four of these courses for Honors credit.
- Achieve a 3.0 cumulative grade index by the time of graduation

Students who have successfully completed the above requirements will be awarded an Honors Foreign Language Certificate that will be presented during an appropriate Honors ceremony and recorded on the recipient's official transcript.

The Honors Foreign Language Certificate can be earned in addition to other kinds of Honors certificates. Honors courses taken in the sequence leading to the Honors Foreign Language Certificate can also be applied toward those required for other forms of Honors recognition.

FOREIGN LANGUAGE CERTIFICATES FOR ACCOUNTING, BUSINESS ADMINISTRATION AND ECONOMICS STUDENTS

The (Honors) Foreign Language Certificate Program is intended to enhance the international dimension of the Bachelor's degree in Accounting, Business Administration, or Economics. To earn a Bachelor's degree in Accounting, Business Administration, or Economics with a Foreign Language Certificate or an Honors Foreign Language Certificate in German, French, or Spanish, a student is required to complete a designated sequence of four courses at the 200 and 300-levels. This is accomplished through a combination of two courses taken during Winter Session in Germany, France, Spain, or Costa Rica, and two courses taken on the Delaware campus. The Winter Session courses must be taken first, followed by the courses offered on the Delaware campus.

German C	Courses	
Winter Session	on in Bayreuth, Germany:	CREDITS
GRMN 206 GRMN 208	Culture through Conversation Contemporary Germany I	
Delaware Ca	mpus	
GRMN 250 GRMN 325	Introduction to Business German German Civilization and Culture	
French Co	urses	
Winter Session	on in Caen, France:	CREDITS
FREN 206 FREN 208	Culture through Conversation Contemporary France I	3
Delaware Ca	mpus	
FREN 250	Introduction to Business French	
FREN 325 or	French Civilization I	
FREN 326 or	French Civilization II	3
FREN 453	French Civilization III	3
	ourses (Spain)	
Winter Session	on in Granada, Spain:	CREDITS
SPAN 206 SPAN 208	Culture through Conversation Contemporary Spain I	
Delaware Ca	mpus	
SPAN 250 SPAN 325	Introduction to Business Spanish Spanish Civilization and Culture	
Spanish C	ourses (Latin America)	
Winter Session	on in San José, Costa Rica:	CREDITS
SPAN 206 SPAN 207	Culture through Conversation Contemporary Latin America I	
Delaware Ca	mpus	
SPAN 250 SPAN 326	Introduction to Business Spanish Latin American Civilization and Culture	

Foreign Language Certificate: To earn a Bachelor's degree in Accounting, Business Administration, or Economics with a Foreign Language Certificate in German, French, or Spanish, a student is required to complete the designated sequence of four 200 and 300-level German, French, or Spanish courses (listed above) with no grade below a C.

Honors Foreign Language Certificate: To earn a Bachelor's degree in Accounting, Business Administration, or Economics with an Honors Foreign Language Certificate, the student must:

- Complete the designated sequence of four courses at the 200 and 300-levels in German, Spanish, or French listed above with no grade below a B-.
- Take all four of these courses for Honors credit.
- Achieve a 3.0 cumulative grade index by the time of graduation.

Students who have successfully completed the above requirements will be awarded an Honors Foreign Language Certificate that will be presented during an appropriate Honors ceremony and recorded on the recipient's official transcript.

The Honors Foreign Language Certificate can be earned in addition to other kinds of Honors certificates. Honors courses taken in the sequence leading to the Honors Foreign Language Certificate can also be applied toward those required for other forms of Honors recognition.

FOREIGN LANGUAGE CERTIFICATES FOR ENGINEERING STUDENTS

The Foreign Language Certificate Program is intended to enhance the Bachelor's degree in Engineering by adding the increasingly crucial international dimension. To earn a Bachelor's degree in Engineering with a Foreign Language Certificate or an Honors Foreign Language Certificate in German, the student is required to complete the four courses listed below, the first two of which must be taken during Winter Session in Germany, followed by two courses on the Delaware campus

Winter Session	on in Bayreuth, Germany:	CREDITS
GRMN 206	Culture through Conversation	
GRMN 208	Contemporary Germany I	3
Delaware Ca	mpus	
GRMN 240	German Culture and Technology	
GRMN 325	German Civilization and Culture	

Foreign Language Certificate: To earn a Bachelor's degree in Engineering with a Foreign Language Certificate in German, the student is required to complete the designated sequence of courses listed above with no grade below a C.

Honors Foreign Language Certificate: To earn a Bachelor's degree in Engineering with an Honors Foreign Language Certificate, the student must:

- Complete the designated sequence of courses listed above with no grade below a B-.
- Take all four of these courses for Honors credit.
- Achieve a 3.0 cumulative grade index by the time of graduation.

Honors Foreign Language Certificates will be awarded at an appropriate Honors ceremony and recorded on the recipient's official transcript. The Honors Foreign Language Certificate can be earned in addition to other kinds of Honors certificates. Honors courses taken in the sequence leading to the Honors Foreign Language Certificate can also be applied toward those required for other forms of Honors recognition.

RESIDENCY REQUIREMENT

At least 15 hours of courses acceptable for credit in the major language and literature, including at least 6 credits at the 400-level, must be taken on campus or as part of a semester abroad program sponsored by the Department of Foreign Languages and Literatures. In the case of the three-languages major, at least 12 of the hours must be taken in Language One on campus or as part of a semester abroad program sponsored by the Department of Foreign Languages and Literatures.

MISCELLANY

Special Interest Housing: Foreign language students who wish to practice their linguistic skills in an informal setting may elect to live in a residence hall housing students with a special interest in French, German, or Spanish language and culture. In addition to providing an opportunity for daily conversation in the foreign language, these residences sponsor relevant cultural events.

Credit by Examination: Students may receive credit by examination for language courses at the 200-level and above. The normal prerequisite is foreign study. Native speakers may not receive credits for courses in conversation.

Language Proficiency: For information concerning language proficiency see Requirements for the Degree of Bachelor of Arts, under College of Arts and Science.

Waivers or Substitutions: Waivers or substitutions for any requirements may be requested by seeking recommendation of the advisor and approval of the department chair.

MINORS

Foreign Language Minors: A minor in a foreign language requires a minimum of 18-21 credits at the 200 level or above, as follows:

FRENCH: 18 credits above the 100-level including FREN 211 or 212, FREN 301 and 302, one course at the 300 or 400-level, and one other 400-level course.

GERMAN: 18 credits above the 100-level including GRMN 311 or GRMN 312, one other 300-level course, one 400-level literature course, and one other 400-level course.

ITALIAN: 18 credits composed of ITAL 211 or 212; two additional courses at the 200, 300 or 400-level; one 300-level literature course; one 300 or 400-level course; and one 400-level course.

JAPANESE: 18 credits; including 15 credits in JAPN courses at the 200-level or above, with at least 6 of those credits at the 300-level or above, plus 3 credits in a Japan-related FLLT course.

RUSSIAN: 18 credits composed of two Russian courses at the 200-level; three courses at the 300 or 400-level, one of which must be a 400-level course; and 3 credits of related work (e.g., Russian history, political science, art, music, etc.).

SPANISH: 21 credits including SPAN 200, SPAN 201 and an additional 200-level course; two 300-level courses (one must be a Survey of Literature) and two 400-level courses (one must be a literature course).

CLASSICS: 18 credits including 12 credits in Latin and/or Greek at or above the 200-level and 6 credits in FLLT courses, with one course at or above the 300-level.

An advisor on minors for each language will help students tailor the chosen minor program to their needs.

Foreign Language Studies Minors: The Foreign Language Studies (FLS) minor (in French, German or Spanish) requires participation in a UD Department of Foreign Languages and Literatures sponsored semester abroad program. See the Foreign Languages and Literatures Study Abroad Coordinator for details and prerequisites. Credit requirements for the FLS minors are as follows:

FRENCH STUDIES MINOR

FREN 2xx, 3xx, 4xx		**********		6
FREN 306 or 406	and Sandara Landson			,,,, 3
FREN 308				
Three of: ARTH 339, FREN	355, FREN 455	, HIST 339, I	POSC 441	9
				21

Minors in French Studies are required to take at least one literature course at the 300-level or above.

Note: A student cannot receive both a French Minor and a French Studies Minor.

GERMAN STUDIES MINOR

GRMN 2xx, 3xx, 4xx GRMN 306 or 406		6
GRMN 308		3
Three of: ARTH 339, GRMN 355, GRMN 455, HIST 339, POSC	441	9

Minors in German Studies are required to take at least one literature course at the 300-level or above.

Note: A student cannot receive both a German Minor and a German Studies Minor.

SPANISH STUDIES MINOR

SPAN 2xx, 3xx, 4xx	regarini na manaka eskenteka er	. Salar arasas F. Sala	The second discount of the second second	6
SPAN 306 or 406				
SPAN 308				3
Three of: ARTH 339, SPAN 355	, SPAN 455, HIS	T 339, POSC	441	9
			7	21

Minors in Spanish Studies are required to take at least one literature course at the 300-level or above.

Note: A student cannot receive both a Spanish Minor and a Spanish Studies Minor.

GEOGRAPHY

Geographers investigate processes that explain the location of human and natural phenomena, as well as the interactions between people and their environment. A broad range of interests characterizes geography and reflects its position simultaneously in the natural sciences, social sciences, and humanities.

Students who major in geography may, if they choose, specialize. The department has an excellent program in climatology, for instance, and research may be undertaken through its Center for Climatic Research Other areas include environmental studies, biogeography, conservation, cultural-historical geography, urban geography and geomorphology. Computer skills, such as geographic information systems, cartographic and other skills also are studied by geography majors. Students are required to take an introductory sequence of courses to provide a common background for all majors. During the senior year, majors may, at their option, undertake a research paper under the direction of their program advisors. A detailed brochure describing the geography program and requirements is available upon request from the department office.

DEGREE: BACHELOR OF ARTS

MAJOR: GEOGRAPHY

CURRICULUM

CREDITS

See page 56 for University and College requirements.

MAJOR REQUIREMENTS

Within the Department

Six credits selected from the following natural geography courses:

GEOG 101 Physical Geography 3 GEOG 152 Climate and Life 4

GEOG 206 GEOG 220		. 3
GEÓG 230 GEOG 235 GEOG 255	Humans and the Earth Ecosystem Conservation of Natural Resources Applied Climatology	. 3 . 3
	elected from the following human geography courses:	
GEOG 102	Human Geography	. 3
GEOG 120	World Regional Geography	. 3
GEOG 203 GEOG 210	Cultural Geography	. 3
GEOG 210	Economic Geography Historical Geography of the United States	. 3
GEOG 236	Conservation: Global Issues	3
Three credits	s selected from the following methods courses:	
GEOG 250	Computer Methods in Geography	. 4
GEOG 270 GEOG 272	Map Communication and Design	. 3
at the 300	selected from geography courses 0 or 400-level (GEOG 445 strongly recommended)	. У
	credits selected from geography courses	
	0, 300, or 400-level	. 0
ELECTIVI	RC	
	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree	
CREDITS 1	TO TOTAL A MINIMUM OF 12	24
DECREE		_
	BACHELOR OF ARTS GEOGRAPHY EDUCATION	
CURRICULUA	· · · · · · · · · · · · · · · · · · ·	NTS
	56 for University and College requirements.	
MAJOR RI	EQUIREMENTS	
Within the	Department	
Six credits se	elected from the following natural geography courses:	
GEOG 101	Physical Geography	
GEOG 152 GEOG 206	Climate and Life	4
GEOG 200	Physical Geography: Topography-Soils Meteorology	3
GEOG 230	Humans and the Earth Ecosystem	3
GEOG 235	Conservation of Natural Resources	3
GEOG 255	Applied Climatology	3
	lected from the following human geography courses:	
GEOG 102	Human Geography World Regional Geography	3
GEOG 120 GEOG 203	Cultural Geography	3
GEOG 210	Fconomic Geography	3
GEOG 225	Historical Geography of the United States	3
GEOG 236	Conservation: Global Issues	3
	selected from the following methods courses:	·
GEOG 250 GEOG 270	Computer Methods in Geography Map Communication and Design	
GEOG 272	Map and Air Photo Interpretation	
Nine credits :	selected from geography courses	9
at the 300	selected from geography courses	
Six credits se at the 200	lected from geography courses , 300, or 400-level	6
Within the (College	
ECON 151	Introduction to Microeconomics	3
ECON 152	Introduction to Macroeconomics	
POSC 105 HIST 104	The American Political System World History 1648 to Present	
	United States History since 1865	
Additional cr	edits to total 27 with nine credits in each discipline	
(Economic	s, Political Science, and History)	
Professional	Studies	
EDST 201	Education in a Multicultural Society	3
EDST 304	Educational Psychology – Social Aspects	3
EDST 305 HIST 491	Educational Psychology – Cognitive Aspects Planning a Course of Instruction	3
HIST 493	Seminar: Problems in Teaching History and Social Sciences	
DST 420	Reading in the Content Areas	

To be eligible to student teach, Geography Education students must have a g.p.a. of 3.0 in their major and an overall g.p.a. of 2.75 Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies.

CREDITS TO TOTAL A MINIMUM OF...... 124

INTERDEPARTMENTAL AND DOUBLE MAJORS

An interdepartmental major, for students having interests in two areas, requires 21 credits each in geography and in one other department in the college plus 9 more elective credits, approved by both departments. Of the minimum of 21 credits in geography, a student must take 9 credits from the foundation level, of which one course must be from the Natural Geography area, one course from the Human Geography area, and one course from the Methods area. Nine more geography credits must be taken at the 300/400-level. The remaining three geography credits may be chosen from any 200-, 300-, or 400-level course.

Students may also declare a double major with another department in the College of Arts and Science, provided they satisfy the requirements of both geography and their second major field. Departmental requirements for the double major are identical to those for the major.

REQUIREMENTS FOR THE MINOR IN GEOGRAPHY

A minimum of 18 credits of course work in geography must be completed for a minor. Nine credits must be taken at the foundation level, with three credits from each of the foundation areas (Natural Geography, Human Geography, Methods). Nine more geography credits must be taken at the 300/400-level

BACHELOR OF ENVIRONMENTAL SCIENCE

Complementing the B.A. programs in Geography, the Geography Department, in cooperation with the Geology Department and the Department of Biology, offers a B.S. degree in Environmental Science. The program emphasizes a broad scientific understanding of the character, function, and analysis of environmental systems. It is hoped that Environmental Science B.S. students will be able to contribute to society's understanding of and solutions to problems that arise from the human occupance and use of the environment. Curriculum and requirements associated with the Environmental Science B.S. program appear below.

DEGREE: BACHELOR OF SCIENCE MAJOR: ENVIRONMENTAL SCIENCE CREDITS UNIVERSITY REQUIREMENTS ENGL 110 Critical Reading and Writing (minimum grade C-) Three credits in an approved course or courses stressing multicultural, ethnic, and/or gender-related content (see p. 20) COLLEGE REQUIREMENTS Skill Requirements Writing: (minimum grade C-) A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 62 credit hours. Appropriate writing courses are normally designated in the semester's Registration Bookle (See list of courses approved for second writing requirement, page 59.) Foreign Language: Completion of the intermediate-level course (107 or 112 or 214) in a given language. Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that lan-

guage by taking an exemption examination

Nine credits	equirements (See page 60) are required in each of the following groups:	
Understandir	g and appreciation of the creative arts and humanities At as must be represented	>
Group B	an ann an an an Taonacana an Ann an a	5
represented.	culture and institutions over time At least two areas must be	٠
Empirically b	ased study of human beings and their environment. At least	5
	EQUIREMENTS	
	Cooperating Departments	
GEOL 107	General Geology	. 4
BISC 207, BI	SC 208 Introductory Biology I and II	8
GEOG 220	Meteorology	3
GEOG 250 BISC 302	Computer Methods in Geography General Ecology	4
BISC 312	General Ecology Lab	. 1
GEOG 412	Physical Climatology	4
GEOL 414	Physical Climatology Quaternary Geology and Geochronology GEOL 450 or BISC 450 Proseminar in Environmental Science	. 3
	al courses from within one of the following three areas of	
GEOG 343	ic Environment Climatic Geomorphology	3
GEOG 420	Atmospheric Physics	
GEOG 451	Microclimatology	3
GEOG 453 GEOG 455	Synoptic Climatology	3
	Water Budget in Environmental Analysis	J
BISC 306	invironment General Physiology	3
BISC 494	Experimental Ecology	
BISC 495	Evolution	3
BISC 637 BISC 641	Population Ecology	3
Geology	Microbial Ecology	
GEOL 203	Mineralogy and Crystallography	3
GEOL 303	Sedimentology	3
GEOL 304	Stratigraphy	3
GEOL 305	Structural Geology	J
inree additior listed under th	nal courses taken from the following list or from the courses e three areas of concentration above. At least one course	
must be outsid	le the chosen area of concentration. For students following	
	rack, two courses must be 400-level geology courses	
BISC 301 BISC 321	Molecular Biology of the Cell Environmental Biology	- 4
BISC 324	Invertebrate Zoology	
BISC 371	Introduction to Microbiology	4
BISC 608	Genetic Toxicology	2
BISC 660 CHEM 213	Environmental Physiology Elementary Organic Chemistry	3
CIEG 331	Introduction to Environmental Engineering	. 3
GEOG 152	Climate and Life	4
GEOG 206 GEOG 230	Topography and Soils Humans and the Earth Ecosystem	3
GEOG 235	Conservation of Natural Resources	3
GEOG 236	Conservation: Global Issues	3
GEOG 255	Applied Climatology	. 3
GEOG 272 GEOG 320	Map and Air Photo Interpretation Water and Society	
GEOG 330	Biogeography	3
GEOG 342	Bioclimatology.	. 3
GEOG 351 GEOG 3 <i>57</i>	Urban Climatology	3
GEOG 372	Paleoclimatology Geographic Information Systems	3 3
GEOG 423	Atmospheric Dynamics	3
GEOG 430	Conservation Forest Ecosystems	
GEOG 681 GEOL 204	Remote Sensing of Environment Properties of Rocks and Minerals	
GEOL 402	History of the Earth	3
GEOL 403	Regional Geology of North America	3
GEOL 407 GEOL 411	Igneous and Metamorphic Petrology	3
GEOL 411	Quantitative Geomorphology Geological Approaches to Archaeology and History	3
GEOL 421	Environmental and Applied Geology	. 3
GEOL 428	Hydrogeology	3

GEOL 431	Marine Geology	. 3
GEOL 432	Recent Sedimentary Environments	
GEOL 434	The Geology of Coasts	. 3
GEOL 446	General Geochemistry	. 3
GEOL 460	Field Geology in the Western States	3-6
MAST 200	Concepts in Oceanography	. 3
PHYS 208	Fundamentals of Physics II	4
PLSC 204	Introduction to Soil Science	. 4
POSC 350	Politics and the Environment	3
Within the	College	
Related Wo		
	MATH 242, MATH 243 Analytic Geometry and Calculus	12
		_
	llowing five courses:	_
MATH 302	Ordinary Differential Equations	. 3
MATH 349	Elementary Linear Algebra	
STAT 450	Statistics for Engineering & Physical Sciences	
STAT 656 STAT 657	Biostatistics	
•		
CHEM 103, 0	CHEM 104 General Chemistry	8
PHYS 207	Fundamentals of Physics I	4
or		
PHYS 201	Introductory Physics I,	4
ELECTIVE		
	l courses are completed, sufficient elective credits must be the minimum credit requirement for the degree	
CREDITS TO	O TOTAL A MINIMUM OF 12	7
Alreading I.		-

GEOLOGY

The Department of Geology offers B.A. degrees in geology (including a B.A. with a concentration in paleobiology) and in earth science education. The Department offers B.S. degrees in geology and geophysics (jointly with the Physics Department), and a minor in geology Environmental Science majors can concentrate in geology while earning a B.S. in Environmental Science.

Advanced undergraduate geology students are encouraged to undertake research, under the supervision of the faculty, in areas such as geochemistry, geophysics, igneous and metamorphic petrology, micropaleontology and paleontology, mineralogy, paleomagnetics, sedimentary petrology, stratigraphy, and structural geology. As an additional resource, the Department maintains close ties with the Delaware Geological Survey and with the College of Marine Studies.

In view of the close relationship between geology and other disciplines, interdepartmental and double majors are encouraged. Various interdisciplinary programs within the field of geology are also possible. Examples of such programs include paleobiology, geochemistry, and geophysics. Students interested in any of these programs should contact the Geology Department for information.

	BACHELOR OF ARTS GEOLOGY	
CURRICULU!	A	CREDITS
Superior figu taken, i e , ¹	res indicate year or years in which the course is norma freshman year, ² sophomore year, etc	ily
See page	ió for University and College requirements.	
MAJOR R	EQUIREMENTS	
Within the	Department	
GEOL 107	General Geology I	41
GEOL 203 GEOL 204	Mineralogy and Crystallography Properties of Rocks and Minerals Systematic and Evolutionary Paleontology Sedimentology Stratigraphy	32
GEOL 301	Systematic and Evolutionary Paleontology	33
GEOL 303	Sedimentology	33
GEOL 304	Stratigraphy	33
GEOL 305	Structural Geology	
GEOL 402	history of the Larm	, . . ,
GEOL 407 GEOL 452	Igneous and Metamorphic Petrology Plate Tectonics and Geophysics	

ree credits of field geology (taught only in the summer): EOL 432 Recent Sedimentary Environment 33,4	Foreign Language: Completion of the intermediate-level course (107 or 112 or 214) in a	0-12 ¹⁻⁴
EOL 400 Field Geology in the Western States 3-657	given language. Students with four or more years of high school work in a	
Vithin the College	single foreign language may attempt to fulfill the requirement in that lan- guage by taking an exemption examination	
hemistry courses (CHEM 103-104) 82 hysics courses (PHYS 201-202) 83	Breadth Requirements (See page 60)	
Aathematics courses through college-level trigonometry 3-4 1	A total of eighteen credits from Groups A. B and C is	. 18 ¹⁻⁴
ELECTIVES After required courses are completed, sufficient elective credits must be	required with six credits in each group. The six credits from each group could be from the same area:	
aken to meet the minimum credit requirement for the degree	Group A	
REDITS TO TOTAL A MINIMUM OF 124	Understanding and appreciation of the creative arts and humanities Group B	
	The study of culture and institutions over time	
DEGREE: BACHELOR OF ARTS	Group C	
MAJOR: GEOLOGY	Empirically based study of human beings and their environment	
CONCENTRATION: PALEOBIOLOGY	MAJOR REQUIREMENTS	
CURRICULUM CREDITS	Within the Department	1
Superior figures indicate year or years in which the course is normally	GEOL 107 General Geology I GEOL 203 Mineralogy and Crystallography GEOL 204 Proportion of Rocks and Minerals	2.4
aken, i.e., ¹ freshman year, ² sophomore year, etc.		
See page 56 for University and College requirements.	GEOL 301 Systematic and Evolutionary Paleontology	33
MAJOR REQUIREMENTS	CEOL 204 Street manufacture	20
Within the Department SEOL 107 General Geology I	GEOL 305 Structural Geology GEOL 402 History of the Earth	3 ~,~
3POL203 Mineralogy and Crystallography 32	GEOL 407 Igneous and Metamorphic Petrology	. 3 ↔
GEOL 204 Properties of Rocks and Minerals 42	GEOL 452 Plate Tectonics and Geophysics	3 ^{3,4}
GEOL 301 Systematic and Evolutionary Paleontology 33	Six credits from the following:	
GEOL 303 Sedimentology 3 3 GEOL 304 Stratigraphy 3 3	GEOL 460 Field Geology in the Western States	3-6 ^{-3,4}
GEOL 305 Structural Geology 3.4	or GEOL 432 Recent Sedimentary Environments	
GEOL 402 History of the Earth	GEOL 432 Recent Sedimentary Environments	3 ·
GEOL 466 Independent Study	Geology courses (400-level)	9-1
Three credits of field geology (taught only in the summer):	Within the College	
GEOL 432 Recent Sedimentary Environment 3 ^{3,4} GEOL 460 Field Geology in the Western States 3-6 ^{3,4}	Related Work	4.1
	MATH 241 Analytic Geometry and Calculus A CHEM 103 General Chemistry	12
Within the College	CHEM 104 General Chemistry	4-
BISC 207 Introductory Biology I 4 1 BISC 208 Introductory Biology II 4 1	PHYS 201 Introductory Physics I	43
BISC 302 General Ecology 3	Two of the following:	
SISC 324 Invertebrate / cology 47	MATH 242 Analytic Geometry and Calculus B PHYS 202 Introductory Physics II	4
SISC 442 Vertebrate Morphology (recommended) 3 SISC 495 Evolution 3 4	PHYS 202 Introductory Physics II STAT 205 Statistical Methods	42-4
STAT 201 Introduction to Statistics I 3.4	T (1 (1)	
STAT 202 Introduction to Statistics II 34	DISC 207 Interdication Dislamed	42-4
CHEM 103 General Chemistry 42	PICC 200 Introduction, Biology II	A 2"4
CHEM 104 General Chemistry 4 ² WATH 115 Pre-calculus 3 ¹	Elective supporting science course	3-4 2-4
	(see department chair for a list of approved courses)	
ELECTIVES After required courses are completed, sufficient elective credits must be	ELECTIVES	
aken to meet the minimum credit requirements for the degree	After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree	
CREDITS TO TOTAL A MINIMUM OF124		
EXECUTED TO TOTAL A MINIMOM OF	CREDITS TO TOTAL A MINIMUM OF	125
	DESCRIPTION OF THE MINOR IN SPALSOV	
DEGREE: BACHELOR OF SCIENCE MAJOR: GEOLOGY	REQUIREMENTS OF THE MINOR IN GEOLOGY	
	The minor consists of at least 18 credit hours in geology. The r	
CURRICULUM CREDITS	ments are: GEOL 107; GEOL 203; at least two of the following:	
Superior figures indicate year or years in which the course is normally aken, i e , ¹ freshman year, ² sophomore year, etc	204, 301, 303, 304, 305; any 400-level geology course or course	es musi
	be used to obtain the remaining credits to reach a total of 18.	
UNIVERSITY REQUIREMENTS NGL 110 Critical Reading and Writing (minimum grade C)		
hree credits in an approved course or courses stressing 31-4	DEGREE: BACHELOR OF ARTS	
multicultural, ethnic, and/or gender-related content (see p. 20)	MAJOR: EARTH SCIENCE EDUCATION	
COLLEGE REQUIREMENTS		CREDITS
Skill Requirements	Superior figures indicate year or years in which the course is normally	
Writing: (minimum grade C-)	taken, i.e., ¹ freshman year, ² sophomore year, etc.	
A second writing course involving significant writing experience including	See page 56 for University and College requirements.	
wo papers with a combined minimum of 3,000 words to be submitted for	MAJOR REQUIREMENTS	
extended faculty critique of both composition and content. This course	Within the Department	
nust be taken after completion of 62 credit hours. Appropriate writing ourses are normally designated in the semester's Registration Booklet.	GEOL 105 General Geology	4 1
See list of courses approved for second writing requirement, page 59.)	or	<i>x</i> 1
,,	GFOL 107 General Geology	4

GEOL 106	General Geology	4	1
GEOG 101	Physical Goography	2	1-4
GEOL 203	Mineralogy and Crystallography Meteorology	31	1 /
GEOG 220	Meleorology	3	1 A
GEOG 235			
GEOL 303	Sedimentology	3	3 1-4
GEOG 343	Sedimentology Climatic Geomorphology	3	1-4
or GEOG 255	Applied Climatology		
			1 2
PHYS 133 PHYS 201	Introduction to Astronomy.	4	1.2
PHYS 201	Introductory Physics I	4	1.2
CHEM 103	General Chamistan	4	1.2
BISC 195	General Chemistry Granding Evolution	4	1-4
MATH 221	Calculus I	3	1,2
		U	
	rom the following:		3,4
GEOL 432	Recent Sedimentary Environments Field Geology in the Western States	3	3 4
GEOL 460	rield Geology in the Western States	-0	٠,٠
External to t			
MAST 200	Introduction to Marine Studies	3	1-4
Professional	Studies		
EDST 201	Education in a Multicultural Society	3	1-4
EDST 304	Educational Psychology Social Aspects	3	1-4
EDST 305	Educational Psychology — Coantitye Aspects	-4	• -
SCEN 491	Teaching Science in Secondary Schools		
EDST 420	Reading in the Lontent Area		
EDDV 400	Student Teaching		4
To be eligible	to student teach, Earth Science Education students must have		
	75 in their geology, geography, marine studies, and biologi-		
	urses and an overall g.p.a. of 2.5. Students should consult		
	lucation program coordinator (see list on p. 155) to obtain		
	sching application and other information concerning student		
teaching polic	ies.		
CREDITS TO	O TOTAL A MINIMUM OF	2	a
	m. 1 m. 14 mm v. 2 1 1070 #5210 #521 m. 2 4444444444444444444444444444444444	_	•

BACHELOR OF SCIENCE DEGREE IN GEOPHYSICS

The Geology Department, jointly with the Physics Department, offers a B.S. degree in geophysics. Geophysics involves the use of seismic, gravity, magnetic, and electrical methods to study the structure and tectonic evolution of the earth. The geophysics program is designed to produce students well-grounded in both geology and physics, but specifically trained in geophysical principles and techniques.

DEGREE: BACHELOR OF SCIENCE MAJOR: GEOPHYSICS
CURRICULUM CREDITS
Superior figures indicate year or years in which the course is normally taken, i.e., ¹ freshman year, ² sophomore year, etc.
UNIVERSITY REQUIREMENTS
ENGL 110 Critical Reading and Writing (minimum grade C-) 3 ¹ Three credits in an approved course or courses stressing 3 ¹ multicultural, ethnic, and/or gender-related content (see p. 20).
COLLEGE REQUIREMENTS
Skill Requirements
Writing: (minimum grade C-) 33,4 A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 62 credit hours. Appropriate writing courses are normally designated in the semester's Registration Booklet. (See list of courses approved for second writing requirement, page 59.)
Breadth Requirements (See page 60) A total of eighteen credits from Groups A, B and C is
Group A
Understanding and appreciation of the creative arts and humanities.
Group B The study of culture and institutions over time.
the steay of control and manority ever fine.

Group C							
Empirically base	d study c	f human	beinas	and the	ir env	iron	men

MAJOR REQUIREMENTS

Within the	Department	
GEOL 107 GEOL 203 GEOL 204 GEOL 303 GEOL 305 GEOL 402 GEOL 451 GEOL 452 GEOL 453 GEOL 454 GEOL 460	General Geology I Mineralogy and Crystallography Properties of Rocks and Minerals Sedimentology Structural Geology History of the Earth Geophysical Field Methods Plate Tectonics and Geophysics Elementary Geophysics I Elementary Geophysics II Field Geology in the Western States	32 33 33 33,4 33,4 34 34
One of the for GEOL 301 GEOL 304 GEOL 407	ollowing three courses: Systematic and Evolutionary Paleontology Stratigraphylgneous and Metamorphic Petrology	33 33 33
Within the		
PHYS 207 PHYS 208 PHYS 209 PHYS 645 PHYS 646	Fundamentals of Physics I Fundamentals of Physics II Fundamentals of Physics III Electronics for Scientists Instrumentation for Scientists	33,4
PHYS 313 PHYS 603	ollowing four courses: Physical Optics Electricity and Magnetism I	4 ⁴ 3 ^{3,4}
PHYS 616 PHYS 631	Kinetic Theory and Thermodynamics Acoustics	
Related W		
CISC 106 MATH 241 MATH 242 MATH 243 MATH 302 CHEM 103	General Computer Science for Engineers Analytic Geometry and Calculus A. Analytic Geometry and Calculus B. Analytic Geometry and Calculus C. Ordinary Differential Equations I. General Chemistry	41
CREDITS T	O TOTAL A MINIMUM OF 1	25

HISTORY

The History Department offers several options to its students. In addition to the regular major, students can choose a concentration in American, European, Global, or Policy history. In conjunction with the College of Human Resources, Education and Public Policy, it offers a History Education program for those choosing a career as secondary school social studies teachers. Collaboration with the Department of Foreign Languages and Literatures has resulted in a major combining languages with the history of the regions in which those languages are spoken. Together with the Department of English, the History Department administers a History/Journalism major. The department also maintains an advisory program for prelaw students majoring in history.

The department encourages interdepartmental or double majors that enable a student to develop competence in two areas, such as history and art history, or history and literature. An Honors Degree as well as a Degree with Distinction are also possible options. An advisor in the History Department can provide details.

DEGREE: BACHELOR OF ARTS MAJOR: HISTORY

CURRICULUM

CREDITS

See page 56 for University and College requirements. MAJOR REQUIREMENTS

Within the Department

HIST 101	Western Civilization to 1648	3
HIST 102	Western Civilization: 1648 to the Present	3
HIST 268	Seminar	3

fistory course on the history of Asia, Africa, Latin America, or the Ancient World. fistory courses at or above the 300-level. fistory seminar at the 400-level or above. (excluding HIST 491 and 493 and Independent Study)	12 3	Seven courses in the field of emphasis. With written approval of the advisor, a student may take two of these courses outside the Department of History History seminar at the 400-level or above (excluding HIST 491 and 493 and Independent Study)	21
History course	3	ELECTIVES	
ELECTIVES After required courses are completed, sufficient elective credits must b	e	After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree	
taken to meet the minimum credit requirement for the degree CREDITS TO TOTAL A MINIMUM OF	124	CREDITS TO TOTAL A MINIMUM OF 1	24
DEGREE: BACHELOR OF ARTS MAJOR: HISTORY CONCENTRATION: AMERICAN HISTORY		DEGREE: BACHELOR OF ARTS MAJOR: HISTORY CONCENTRATION: POLICY HISTORY CURRICULUM CRE	EDITS
CURRICULUM	CREDITS	See page 56 for University and College requirements.	
See page 56 for University and College requirements.		MAJOR REQUIREMENTS	
MAJOR REQUIREMENTS		Within the Department	
Within the Department HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present HIST 268 Seminar History course on the history of Asia, Africa, Latin America, or the Ancient World Seven courses in the field of emphasis. With written approval of the advisor, a student may take two of these courses outside the Department of History History seminar at the 400-level or above	3 3	HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present HIST 268 Seminar History course on the history of Asia, Africa, Latin America, or the Ancient World Seven courses in the field of emphasis With written approval of the advisor, a student may take two of these courses outside the Department of History History seminar at the 400-level or above (excluding HIST 491 and 493 and Independent Study)	3 3 3
(excluding HIST 491 and 493 and Independent Study)		ELECTIVES	
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.	3 .	After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree	
DEGREE: BACHELOR OF ARTS MAJOR: HISTORY CONCENTRATION: EUROPEAN HISTORY		DEGREE: BACHELOR OF ARTS MAJOR: HISTORY CONCENTRATION: JOURNALISM CURRICULUM CRE	DITS
CURRICULUM	CREDITS	See page 56 for University and College requirements.	
See page 56 for University and College requirements.	A STATE OF THE STA	MAJOR REQUIREMENTS	
MAJOR REQUIREMENTS		Within the Department	
Within the Department HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present HIST 268 Seminar History course on the history of Asia, Africa, Latin America, or the Ancient World Seven courses in the field of emphasis. With written approval of the advisor, a student may take two of these courses outside the Department of History History seminar at the 400-level or above (excluding HIST 491 and 493 and Independent Study)	3 3	HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present HIST 268 Seminar History course on the history of Asia, Africa, Latin America, or the Ancient World History courses at or above the 300-level History seminar at the 400-level or above (excluding HIST 491 and 493 and Independent Study) History course Within the College	3 3 3
ELECTIVES		ENGL 307 New Writing and Editing	
After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.	•	Nine credits chosen from the following courses: ENGL 308 Reporter's Practicum	. 3
CREDITS TO TOTAL A MINIMUM OF	124	ENGL 309 Feature and Magazine Writing ENGL 310 Copy Editing and Layout ENGL 407 Advanced Reporting ENGL 408 Sports Writing ENGL 409 Topics in Journalism	3 1-3 3
DEGREE: BACHELOR OF ARTS MAJOR: HISTORY		ENGL 466 Independent Study	
CONCENTRATION: GLOBAL HISTORY	ODED:	ELECTIVES	
CURRICULUM	CREDITS	After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree	
See page 56 for University and College requirements. MAJOR REQUIREMENTS			0.4
Within the Department		CREDITS TO TOTAL A MINIMUM OF 1	24
HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present HIST 268 Seminar History course on the history of Asia, Africa, Latin America, or the Ancient World	3 3		

DEGREE: BACHELOR OF ARTS MAJOR: HISTORY EDUCATION	
CURRICULUM	CREDITS
See page 56 for University and College requirements.	
MAJOR REQUIREMENTS	
Within the Department	
HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present HIST 103 World History to 1648 HIST 104 World History to Present HIST 268 Seminar Depending on its emphasis, this seminar course can count as three of the required credits in European, American, or Third World history.	3 3 3
The total number of credits required in the major is 36	
History courses on the history of Europe including Ancient Greece and Rome History courses on the history of the United States History courses on the history of Asia, Africa, or Latin America Course work must include a three credit History seminar at or above the 400 level (excluding HIST 491, 493, and independent study) and twelve additional credits at or above the 300 level	12
Within the College ECON 151 Introduction to Microeconomics ECON 152 Introduction to Macroeconomics POSC 105 The American Political System GEOG 120 World Regional Geography Additional credits to total 27 with nine credits in each discipline (Economics, Political Science, and Geography)	3 3
Professional Studies EDST 201 Education in a Multicultural Society EDST 304 Educational Psychology – Social Aspects EDST 305 Educational Psychology – Cognitive Aspects HIST 491 Planning a Course of Instruction (minimum grade C-) HIST 493 Seminar: Problems in Teaching History and Social Sciences (Spring semester only) EDST 420 Reading in the Content Areas EDDV 400 Student Teaching	3 3
CREDITS TO TOTAL A MINIMUM OF	. 124
To be eligible to student teach, History Education students must have a g.p.a. of 3.0 in their major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies	
DEGREE: BACHELOR OF ARTS MAJOR: HISTORY/CLASSICS, FRENCH, GERMAN, RUSSIAN, SPANISH	
See page 56 for University and College requirements. MAJOR REQUIREMENTS	CREDITS
Within the Department HIST 101 Western Civilization to 1648	•
HIST 101 Western Civilization to 1648 HIST 102 Western Civilization: 1648 to the Present	3
Five 300-level courses, at least two of which must deal with countries that use the chosen foreign language	15
History seminar at the 400-level or above (excluding HIST 491 and 493 and Independent Study)	3
Within the Department of Foreign Languages and Literatures	
Classics Civilization: Two classical civilization (or culture) courses: e g., FLIT 202 (Biblical and Classical Literature) and FLIT 316 (Mythology) Literature: Either 9 credits of Latin at the 200-level or above and 3 credits of Latin at the 300-level or above, or GREK 213 and GREK 214 and 6 credits of Latin at the 200-level or above	
French Civilization: FREN 325 (French Civilization I), or FREN 326 (French Civilization II)	

Literature: FREN 301 (Introduction to French Literature: Prose) and FREN 302 (Introduction to French Literature: Poetry and Theatre) 400-level literature course Two courses at the 200, 300, or 400-level
German
Civilization: GRMN 325 (German Civilization and Culture) Literature: GRMN 311 (Introduction to German Literature I) and GRMN 312 (Introduction to German Literature II) 400-level literature course Two courses at the 200, 300, or 400-level
Russian
Civilization: RUSS 325 (Russian Civilization)
and RUSS 312 (Introduction to Russian Literature I)
400-level literature course Two courses at the 200, 300, or 400-level
Students must choose either the Peninsular (325, 301, 302) or the Latin American (326, 303, 304) track
Civilization: SPAN 325 (Spanish Civilization and Culture) or SPAN 326 (Latin American Civilization and Culture)
Literature: SPAN 301 (Survey of Spanish Literature) and SPAN 302 (Survey of Spanish Literature)
or
SPAN 303 (Survey of Spanish-American Literature) and SPAN 304 (Survey of Spanish-American Literature)
400-level literature course Two courses at the 200, 300, or 400-level
ELECTIVES
After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree
CREDITS TO TOTAL A MINIMUM OF 124

REQUIREMENTS FOR A MINOR IN HISTORY

A student may minor in history by taking 15 credits: two courses in any combination from HIST 101, 102 (Western civilization), 205, 206 (American history), and the remaining 9 credits at or above the 300-level

Many history courses fulfill Group B requirements of the College of Arts and Science. HIST 327 fulfills a Group C requirement.

INTERNATIONAL RELATIONS

(See Political Science)

IRISH STUDIES

A student may minor in Irish Studies by earning 15 credits in recommended courses, all at or above the 300-level Required courses include ENGL 351 and HIST 373. For further information, contact Professor Bonnie Scott at (302) 831-6230.

JEWISH STUDIES

Jewish Studies developed alongside and within Western and non-Western civilization, in every place where Jewish people and Jewish culture have existed. The minor involves the study of the texts, histories, and culture of the Jewish people. As an academic discipline, Jewish Studies concentrates on its own inner continuities, as well as the ways it has affected, and been affected by, its host cultures.

REQUIREMENTS FOR THE MINOR IN JEWISH STUDIES

The interdisciplinary minor in Jewish Studies requires 15 credits of Jewish Studies courses (all of which are cross-listed with other departments, such as history or philosophy or English), including the following:

	1
JWST/ENGL 349	Introduction to Jewish Sources
JWST/PHIL 208	Introduction to Jewish Philosophy 3

The remaining 9 credits may be distributed among the other Jewish Studies courses, including independent studies (per approval of the Program Director). Only 3 credits of Hebrew language can count towards the minor. For further information, contact Professor Sara R. Horowitz, Program Director, (302) 831-3324

JOURNALISM

The journalism program is centered in the Department of English but reaches beyond it. There is no separate journalism major, but there are concentrations in journalism for English and history majors. Students majoring in other areas such as political science or communication often take journalism courses to enhance their degree programs. The journalism courses—up to 15 credits not including internships—may also be used as the organizing principle for a Bachelor of Arts in Liberal Studies degree or an Interdepartmental Major. The courses are primarily practice oriented and are aimed at preparing the interested student to be well qualified for a position in some phase of reporting, writing, or editing for newspapers, magazines, radio, or television. For details, see English in this catalog.

LATIN AMERICAN STUDIES

The major in Latin American Studies is designed to give students a comprehensive picture of Latin American history, politics, geography, anthropology, language and literature. The program is interdisciplinary and allows certain freedom in individualizing the selection of courses to meet students' interests and needs.

Many career opportunities are open to students who major in Latin American Studies. Graduates of the program can work in governmental services and other fields in which it is important to work with Latin American topics. There is also employment in research and teaching, libraries, public relations, public administration, journalism and publishing. In addition, Latin American Studies graduates will have an unusually good background for advanced study in international business or international law. For information, contact Professor Juan Villamarin, 113 Ewing Hall (302) 831-1851.

DEGREE: BACHELOR OF ARTS MAJOR: LATIN AMERICAN STUDIES

CURRICULUM CREDITS
See page 56 for University and College requirements. Note:

The Foreign Language College requirement must be fulfilled in Spanish. Completion of PORT 107 is also highly recommended.

MAJOR REQUIREMENTS

Within the College

Required cou	rses:	
ANTH 265	High Civilizations in the Americas	3
ANTH 375	Peoples and Cultures of Modern Latin America	3
or	·	
ANTH 380	Peoples and Cultures of Mexico and Central America	3
GEOG 226	Geography of Latin America	3
HIST 135	Introduction to Latin American History	3
POSC 426	Latin American Political Systems	3
SPAN 326	Latin American Civilization and Culture	3
SPAN 303	Survey of Spanish-American Literature I	3
or		
SPAN 304 and	Survey of Spanish-American Literature II	3

One of the fo	llowing seven courses:		3
ANTH 323	Prehistory of South America		
ANTH 327	Peoples of the Caribbean		
ANTH 337 ANTH 338	South American Indians Arts and Crafts of Native South America		
HIST 334	History of Mexico		
HIST 430	20th Century Latin American Revolutions		
HIST 477	Studies in Latin American History		
One of the fo	llowing two courses:		3
POSC 431	Latin American Politics: Countries		
POSC 450	Problems in Latin American Politics		
One of the fo	llowing three courses:	.,	3
SPAN 415	Latin American Literature in its Political Context		
SPAN 430	Latin American Novel and Cinema		
SPAN 443	Mexican Literature		
Suggested C	ourse:		
ECON 311	Economics of Developing Countries		3
	(Prerequisites: ECON 151, ECON 152)		
ELECTIVE	S		
After required	courses are completed, sufficient elective credits must be		
	sultation with the student's academic advisor, to meet the		
	lit requirement for the degree		

CREDITS TO TOTAL A MINIMUM OF...... 124

REQUIREMENTS FOR A MINOR IN LATIN AMERICAN STUDIES

Latin American Studies majors should plan to attend a semester or winter

Purpose. This is an interdisciplinary program designed to provide graduates with an organized focus for their interests in Latin America. The program is designed to enhance, rather than substitute for, a student's disciplinary major.

Program Requirements. A minimum of 18 credits is required from the following courses, selected from at least four departments.

HIST 135, 334, 430, 477 GEOG 226 SPAN 303, 304, 326, 415, 430, 441, 443 ANTH 265, 323, 327, 330, 337, 338, 375, 380 POSC 426, 431, 450

Language Requirement. In addition to the 18-credit minimum, students must complete SPAN 107 or demonstrate equivalent proficiency on the placement test. Equivalent competence in Portuguese will be allowed. The study of both languages is strongly encouraged.

Study Abroad. Latin American Studies minors should plan to attend a semester or winter session at a Latin American site

Substitutions may be made for the above specified courses, with permission from the Coordinator of the Latin American Studies Program, and only so long as the same disciplinary distribution is maintained

LEGAL STUDIES

Study Abroad

session at a latin American site

The law is an essential topic in philosophic, social science, and public policy inquiry. Courses that are substantially concerned with law are available in a variety of disciplines including political science, sociology, philosophy, history, business, communication, economics, and psychology. This program, which allows students to minor in Legal Studies, provides students with the opportunity to explore the law from an interdisciplinary perspective within the framework of the liberal arts curriculum.

The program supplies coherence and guidance in the study of law in at least four ways. First, each Legal Studies minor is provided with an advisor who guides the student in constructing a coherent program. Second, the minor provides students with an opportunity to examine legal phenomena from a variety of discipline perspectives. Third, the program offers both a substantive introduction to law and an interdisciplinary introductory course in legal studies. Finally, it offers an interdisciplinary culmination by way of a senior seminar that will require a research paper.

This program is designed for any undergraduate student who is interested in examining the law from a variety of perspectives. Legal studies is not a "pre-law" program, and it does not offer para-legal training. It is, however, a suitable minor for those who plan to pursue professional training.

In addition to offering a minor in Legal Studies, the program offers faculty seminars, lectures, and films. For information, contact Professor Juliet Dee, 245 Pearson Hall (302) 831-8041

	The state of the s	
	MENTS FOR A MINOR IN LEGAL STUDIES	CDEDITO
CURRICULUA		CREDITS
POSC 380 LEST 301	Introduction to Law (same as LEST 380) Introduction to Legal Studies	
LEST 401	Senior Seminar	
these cou dent's mo	s from the following list. At least two of irses must be from outside the requirements of the stu- sjor and outside his or her major department. These two nust be chosen from two different departments.	
Accounting		
ACCT 350	Business Law	3
ACCT 351	Business Law	
ACCT 352	Law and Social Issues in Business	3
Communic		
COMM 345	Legal Issues of the Mass Media (same as LEST 345)	3
Criminal Ju		
CRJU 202	Problems of Criminal Judiciary	·· 3
CRJU 203	Problems of Corrections.	3 '
CRJU 320 CRJU 346	Introduction to Criminal Law Psychology and the Law (same as PSYC 346)	
CRJU 347	The Jury: Guilty or Not Guilty	
CRIU 375	Criminal Procedure	3
CRJU 425	Criminal Law and Social Policy	3
CRJU 428	Corporate Crime (same as SOCI 428)	
CRJU 450 CRJU 456	Prisoners and the Law	
	Lawyers and Society (same as SOCI 430)	ა
Economics ECON 306	Farmer The Spain Control of the Post 2001	•
ECON 306 ECON 360	Economic Theory of Politics (same as POSC 306) Government Regulation of Business	
ECON 408	Economics of Law	
ECON 461	Industrial Organization and Antitrust	
ECON 463	Economics of Regulation	
History		
HIST 309	U.S. Business and Political Economy	
HIST 376	English Legal and Constitutional History	3
Philosophy		
PHIL 202	Contemporary Moral Problems	
PHIL 308	Justice and Equality	
PHIL 446	Philosophy of Law	3
	ence and International Relations	
POSC 306 POSC 380	Economic Theory of Politics (same as ECON 306) Introduction to Law	
POSC 402	Civil Liberties I	3
POSC 404	Judicial Processes	3
POSC 405	Constitutional Law of the United States	3
POSC 406	Civil Liberties II	3 3
POSC 423 POSC 413	Congress and Public Policy Problems in American Government:	
1030 413	Gender, Sex and Law	
Psychology		
PSYC 346	Psychology and the Law (same as CRJU 346)	3
PSYC 347	The Jury: Guilty or Not Guilty (taken with CRJU 347)	
Sociology		
SOCI 330	Population, Law and Society	3
SOCI 345	Sociology of Law	3
SOCI 428	Corporate Crime (same as CRJU 428)	
SOCI 456	Lawyers and Society (same as CRJU 456)	3
Women's St		•
WOMS 413	Gender, Sex, and American Law (same as POSC 413)	3

LINGUISTICS

The Department of Linguistics offers two minors at the undergraduate level: one in Linguistics and one in Cognitive Science. The department offers courses in Linguistics and Cognitive Science at the introductory, intermediate, and advanced levels in both applied and theoretical areas. Many of the courses fulfill the Group A, Group C, and Group D General Education Requirement in the College of Arts and Science as well as the University's Multicultural Requirement.

REQUIREMENTS FOR THE MINOR IN LINGUISTICS

The minor in linguistics requires 18 credits, distributed as follows:		
LING 101	Introduction to Linguistics 3	
One of the fi LING 407 LING 409 LING 477 LING 491	ollowing: Phonology I 3 Syntax I 3 Structure of English 3 Semantics I 3	
	ditional LING courses, two of which must be 0-level or above	

Special problems courses and courses other than those specified above must have approval of the Undergraduate Studies Committee of the Department of Linguistics.

COGNITIVE SCIENCE MINOR

Cognitive Science studies the computational and representational structure of the mind by combining linguistics, philosophy, computer science (especially artificial intelligence), and psychology. Courses for the minor in cognitive science focus on three areas: (1) broad foundational issues in linguistics, psychology, and computing; (2) narrower issues in mental representation, computation, theoretical linguistics, and epistemology; (3) problems in cognition, data processing, language and formal representation that are related to students' particular interests.

The minor is administered through the Department of Linguistics. It requires 18 credits, distributed as follows (most of these courses have prerequisites, as listed):

A. All the following:

CGSC 270	Introduction to Cognitive Science
LING 101	Introduction to Linguistics
PSYC 201	General Psychology
CISC 105	General Computer Science
or	
CISC 106 or	General Computer Science for Engineers
CISC 181	Introduction to Computer Science (restriction: programming experience) (coreq: MATH 115, MATH 171 or MATH 241)

B. One of the following:

LING 409	Syntax I (prereq: LING 101)
LING 491	Semantics I (prereq: LING 101)
CGSC 480	Computers and the Mind
CGSC 340	Cognition (prereq: PSYC 309)

C. One of the following:

PSYC 310	Sensation & Perception (prereq: PSYC 309)
CGSC 314	Brain & Behavior
CISC 220	Data Structures (prereq: CISC 181)
CGSC 681	Artificial Intelligence (prereq: CISC 220 & 310)
PHIL 205	Logic
EDST 462	Language Acquisition
LING 610	Syntax II (prereq: LING 409)
The courses i	not chosen under B

No more than 3 courses may be from a single department.

For more information, contact: Professor William Frawley,
Department of Linguistics
(302) 831-6806
email: billf@brahms.udel edu

CONFERENCE INTERPRETATION PROGRAM

Intensive Summer Seminar in Simultaneous and Consecutive Interpretation

Within the Department of Linguistics, the Conference Interpretation Program occasionally offers an intensive course in simultaneous and consecutive interpretation during the summer session. Coursework includes: basic theoretical constructs, pre-interpretation exercises, consecutive note-taking and note-reading, public speaking skills, simultaneous interpretation, self-monitoring techniques, short term memory strategies, ethics, scenario writing and role playing. Candidates must have a good working knowledge of English and at least one other language in order to enroll. Prospective students are urged to contact Professor Nancy Schweda-Nicholson of the Department of Linguistics regarding the language combinations for future seminars.

SPEECH PATHOLOGY AND COGNITIVE AND LINGUISTIC SCIENCE

Students who wish to prepare for graduate or professional work in Speech Pathology and Communication Disorders may follow a course of study drawing on linguistics, speech science, psychology, neuroscience, and biology This will include courses in acoustics, physiology, psycholinguistics, normal and abnormal development, and a variety of other scientific and clinical fields. Those wishing to study Cognitive and Linguistic Science may follow a course of study integrating language, computing, and thinking: in particular, introductory courses in linguistics, computer science, and psychology; a formal foundations course to provide the requisite mathematical underpinnings; and courses in some area of specialization, such as language development, computational modeling, or mathematical and logical foundations of cognitive science. Students interested in these areas may pursue a Bachelor of Arts in Liberal Studies degree Templates of courses for each of these options are available from the Department. Advisors will work with students individually to design courses of study appropriate to the students' needs and the requirements of the fields.

MATHEMATICAL SCIENCES

The Department of Mathematical Sciences provides service courses for those who need to use mathematics and statistics in their career, be it engineering, science, medicine, or management. Mathematical sciences majors must also delve deeply into the structure of their subject without neglecting its applications. The balance between these two phases of mathematical education will depend on the goals and the inclination of the student. To meet these various needs, the Department offers four degree programs: the Bachelor of Science in Mathematical Sciences, the Bachelor of Science in Statistics, the Bachelor of Arts in Mathematical Sciences, and the Bachelor of Arts in Mathematics Education, which trains students for careers in secondary school mathematics education

Since mathematics is a highly structured discipline, careful attention must be paid to prerequisites. The successful mathematical sciences major must complete several courses in the major each year to graduate within a reasonable time frame. Thus, the Department of Mathematical Sciences carefully monitors student progress and will drop from the major any student not making satisfactory progress in the program. A normally matriculated student majoring in the Department of Mathematical Sciences is *not* making satisfactory progress if he or she: (1) has not successfully completed a required Mathematical Science course by the beginning of the third semester; or (2) has not successfully completed MATH 245 by the end of the

fourth semester; or (3) has failed to successfully complete any required Mathematical Science course for two consecutive semesters. Consistent with the program requirements, "successfully complete" means to earn a grade of C- or better. A student not making satisfactory progress may petition the department to remain as a major when there are extenuating circumstances.

Departmental requirements and course descriptions are subject to continual revision. Up-to-date statements of requirements, course descriptions and departmental policies are available at the departmental office.

DEGREE: BACHELOR OF ARTS MAJOR: MATHEMATICAL SCIENCES

See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department A grade of C- or better is required for major courses and related work. Students lacking preparation for MATH 242 should begin with MATH 241. MATH 210 Discrete Mathematics I..... **MATH 242** Analytic Geometry and Calculus B **MATH 243** Analytic Geometry and Calculus C **MATH 245** An Introduction to Proof **MATH 349** Elementary Linear Algebra Ordinary Differential Equations **MATH 302** Statistical Methods and Theory STAT 300 Nine credits of mathematics and/or statistics at the 300 level or above. MATH 379, MATH 380, MATH 381, MATH 555, STAT 450, and STAT 555 are not applicable Related Work Students with previous experience with a programming language should take:

Any substitutions must be approved by the department Undergraduate Studies Committee

ENGL 312 Written Communications in Business 3 or Suitable equivalent

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree, at least 79 outside Mathematical Sciences

CREDITS TO TOTAL A MINIMUM OF 124

HONORS BACHELOR OF ARTS: MATHEMATICS

The recipient must complete:

- 1. All requirements for the Bachelor of Arts degree in Mathematics
- 2. All of the University's generic requirements for the Honors Baccalaureate degree (see page 30 of this catalog).

All Mathematics and Statistics courses below the 600-level in which the student takes an Honors component may be counted toward the minimum 12 hours of Honors credits in the major required for the Honors degree. All Mathematics and Statistics courses at the 600-level or higher may be counted toward the same 12 credit Honors course requirement.

CREDITS

	BACHELOR OF SCIENCE MATHEMATICAL SCIENCES	
CURRICULUA	A	CREDITS
ENGL 110 Three credits	TY REQUIREMENTS Critical Reading and Writing (minimum grade C-) in an approved course or courses stressing al, ethnic, and/or gender-related content (see p. 20)	
COLLEGE	REQUIREMENTS	
Skill Requi	rements	53
A second writwo papers wextended factours be taken courses are n	inimum grade C-) iting course involving significant writing experience includin vith a combined minimum of 3,000 words to be submitted for ulty critique of both composition and content. This course n after completion of 62 credit hours. Appropriate writing normally designated in the semester's Registration Booklet surses approved for second writing requirement, page 59.)	g
Foreign La	nguage:	0-12
guage Stude foreign langu taking an exe	of the intermediate-level course (107 or 112) in a given lan- ents with four or more years of high school work in a single lage may attempt to fulfill the requirement in that language l emption examination an, or German is recommended	ру
	quirements (See page 60)	
required with each group c	onty-one credits from Groups A, B and C is a minimum of six credits in each group. The six credits from ould be from the same area.	
	g and appreciation of the creative arts and humanities	
Group B The study of c	culture and institutions over time.	
Group C Empirically be	ased study of human beings and their environment	
MAJOR RE	QUIREMENTS	
A grade of C dents lacking	or better is required for major courses and related work. S adequate preparation for MATH 242 should begin with 24	tu- 1
Within the I		_
MATH 210 MATH 242	Discrete Mathematics I	4
MATH 243	Analytic Geometry and Calculus C	
MATH 245 MATH 302	An Introduction to Proof Ordinary Differential Equations	
MATH 349	Elementary Linear Algebra	3
MATH 401	Advanced Calculus	3
MATH 426	Introduction to Numerical Analysis and	3
MATH 451	Algorithmic Computation Abstract Algebra I	
level or ab	Statistical Methods and Theory	4
Related Wor		
Students with should take: CISC 181	previous experience with a programming language Introduction to Computer Science	3
and CISC 220	Data Structures	
	no previous experience with a programming language	
should take: CISC 105	General Computer Science	· 3
and CISC 120 and	Object Oriented Programming in C++	2
CISC 220	Data Structures	3
Studies Comm		
ENGL 312	Written Communications in Business	
(Courses design	sequence of laboratory science gned for non-majors in a discipline are not appropriate.)	8
ELECTIVE: After required taken to meet	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree	
CREDITS TO	O TOTAL A MINIMUM OF	. 128

HONORS BACHELOR OF SCIENCE: MATHEMATICS

The recipient must complete:

- 1. All requirements for the Bachelor of Science degree in Mathematics.
- 2. All of the University's generic requirements for the Honors Baccalaureate degree (see page 30 of this catalog).

All Mathematics and Statistics courses below the 600-level in which the student takes an Honors component may be counted toward the minimum 12 hours of Honors credits in the major required for the Honors degree. All Mathematics and Statistics courses at the 600-level or higher may be counted toward the same 12 credit Honors course requirement.

	BACHELOR OF SCIENCE STATISTICS	
CURRICULU/	W	CREDITS
UNIVERSI	ITY REQUIREMENTS	
	Critical Reading and Writing (minimum grade C-)	3
COLLEGE	REQUIREMENTS	
Skill Requi	rements	
A second wr two papers v extended fac must be take courses are r	inimum grade C-) iting course involving significant writing experience including with a combined minimum of 3,000 words to be submitted for ulty critique of both composition and content. This course in after completion of 62 credit hours. Appropriate writing normally designated in the semester's Registration Booklet, burses approved for second writing requirement, page 59.)	
Foreign La	nguage:	0-12
guage Stude foreign langu taking an ex	of the intermediate-level course (107 or 112) in a given lan- ents with four or more years of high school work in a single page may attempt to fulfill the requirement in that language be emption examination.	ру
Breadth Re	equirements (See page 60)	
A total of two	enty-one credits from Groups A, B and C is n a minimum of six credits in each group. The six credits oup could be from the same area.	21
	ng and appreciation of the creative arts and humanities	
Group B The study of Group C	culture and institutions over time.	
	ased study of human beings and their environment	
MAJOR RI	EQUIREMENTS	
Within the	Department	
A grade of C work. Studen begin with M	or better is required for all major courses and related its lacking adequate preparation for MATH 242 should NATH 241	
MATH 210 MATH 242 MATH 243 MATH 245 MATH 349 MATH 302 MATH 426	Discrete Mathematics I Analytic Geometry and Calculus B. Analytic Geometry and Calculus C. Concepts of Analysis. Elementary Linear Algebra Ordinary Differential Equations Introduction to Numerical Analysis and	4 4 3
MATH 401	Algorithmic Computation Advanced Calculus	
STAT 205 STAT 370 STAT 371 STAT 418 STAT 420 STAT 611 STAT 615	Statistical Methods Introduction to Statistical Analysis I. Introduction to Statistical Analysis II. Sampling Methods. Data Analysis and Nonparametric Statistics Regression Analysis Design and Analysis of Experiments	3 3 3 3
Three credits STAT 616 STAT 617 STAT 618	from the following: Design and Analysis of Experiments II Multivariate Methods Sampling Techniques	3

	College	
Related Wo	rk	
	previous experience with a programming language	
should take: CISC 181	Introduction to Computer Science	(
and CISC 220	Data Structures	
	no previous experience with a programming language	
CISC 105	General Computer Science	
CISC 181	Introduction to Computer Science.	3
CISC 220	Data Structures	3
or CISC 105 and	General Computer Science	3
CISC 120	Object Oriented Programming in C++	2
CISC 220	Data Structures	3
	20 is only offered in the Winter or Summer Sessions	
ENGL 312	Written Communications in Business	
(Courses design	sequence of laboratory science gned for non-majors in a discipline are not appropriate.)	
This program	cation: requires a fifteen-credit area of application outside the tudents must meet regularly with the advisor to develop it	15
ELECTIVE		
	courses are completed, sufficient elective credits must be the minimum credit requirement for the degree	
CREDITS TO	O TOTAL A MINIMUM OF	128
DECEDEE: B	ACHELOR OF ARTS	
	NATHEMATICS EDUCATION	
CURRICULUM		REDIT
	TY REQUIREMENTS	
ENGL 110	Critical Reading and Writing (minimum grade C-)	3
Three credits i multicultura	n an approved course or courses stressing al, ethnic, and/or gender-related content (see p. 20)	3
COLLEGE	REQUIREMENTS	
Skill Requir	ements	
two papers wi	nimum grade C-) ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for	3
two papers wi extended facu must be taken	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for olty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing	3
two papers wi extended facu must be taken courses are no	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for all y critique of both composition and content. This course	3
two papers wi extended facu must be taken courses are no (See list of cou Foreign Lan	ing course involving significant writing experience including tith a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing formally designated in the semester's Registration Booklet curses approved for second writing requirement, page 59.)	0-12
two papers wi extended facu- must be taken courses are no (See list of cou- Foreign Lan Completion of guage or, for	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for ally critique of both composition and content. This course after completion of 62 credit hours Appropriate writing primally designated in the semester's Registration Booklet press approved for second writing requirement, page 59) guage: If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lanstands.	
two papers wi extended facu must be taken courses are no (See list of cou Foreign Lan Completion of guage or, for guage or the	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for ally critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing primally designated in the semester's Registration Booklet press approved for second writing requirement, page 59.) guage: the intermediate-level course (107 or 112) in a given lan-	
two papers wi extended facu must be taken courses are no (See list of cou Foreign Lan Completion of guage or, for guage or the in that language	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing ormally designated in the semester's Registration Booklet urses approved for second writing requirement, page 59.) Intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languivalent, satisfactory performance on a proficiency test.	
two papers wi extended facu must be taken courses are no (See list of cou Foreign Lan Completion of guage or, for guage or the in that langua Breadth Rea Group A	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours Appropriate writing formally designated in the semester's Registration Booklet press approved for second writing requirement, page 59) aguage: If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended aquirements (See page 60)	
two papers wi extended facu must be taken courses are no (See list of cou Foreign Lan Completion of guage or, for a guage or the in that language Breadth Rec Group A Understanding	ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for alter completion of 62 credit hours appropriate writing permally designated in the semester's Registration Booklet press approved for second writing requirement, page 59) guages: If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended quirements (See page 60)	0-12
two papers wi extended facu- must be taken courses are no (See list of cou- Foreign Lan Completion of guage or, for guage or the of in that language Breadth Red Group A Understanding Twelve credits Group B	ing course involving significant writing experience including the a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing primally designated in the semester's Registration Booklet curses approved for second writing requirement, page 59.) If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lansequivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended quirements (See page 60) If and appreciation of the creative arts and humanities representing at least two areas.	0-12
two papers wi extended facu- must be taken courses are no (See list of cou- Foreign Lan Completion of guage or, for guage or the co- in that language Breadth Rea Group A Understanding Twelve credits Group B. The study of ca at least two ar	ing course involving significant writing experience including the a combined minimum of 3,000 words to be submitted for ally critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing promally designated in the semester's Registration Booklet press approved for second writing requirement, page 59.) If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lansequivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended quirements (See page 60) If and appreciation of the creative arts and humanities representing at least two areas.	0-12
two papers wi extended facu- must be taken courses are no (See list of cou- Foreign Lan Completion of guage or, for guage or the e- in that language Breadth Rea Group A Understanding Twelve credits Group B The study of ca at least two ar Group C	ing course involving significant writing experience including the a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing promally designated in the semester's Registration Booklet press approved for second writing requirement, page 59.) If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lansequivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended quirements (See page 60) If and appreciation of the creative arts and humanities representing at least two areas.	0-12
two papers wi extended facu- must be taken courses are no (See list of cou Foreign Lan Completion of guage or, for guage or the e in that langua Breadth Rec Group A Understanding Twelve credits Group B The study of ca at least two ar Group C Empirically ba	ing course involving significant writing experience including the a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing promally designated in the semester's Registration Booklet press approved for second writing requirement, page 59.) If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lansequivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended equirements (See page 60) If and appreciation of the creative arts and humanities representing at least two areas. Fulluter and institutions over time. Nine credits representing these study of human beings and their environment.	0-12
two papers wi extended facu- must be taken courses are no (See list of cou- Foreign Lan Completion of guage or, for guage or the e- in that language Breadth Rea Group A Understanding Twelve credits Group B The study of ca at least two ar Group C Empirically ba credits represe	ing course involving significant writing experience including the a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing promally designated in the semester's Registration Booklet press approved for second writing requirement, page 59.) If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lansequivalent, satisfactory performance on a proficiency test ge. French, Russian or German is recommended quirements (See page 60) If and appreciation of the creative arts and humanities representing at least two areas.	0-12
two papers wi extended facu must be taken courses are no (See list of cou Foreign Lan Completion of guage or the guage or the guage or the in that langua Breadth Rea Group A Understanding Twelve credits Group B The study of a at least two are Group C Empirically ba credits represe Group D The study of no	ing course involving significant writing experience including the a combined minimum of 3,000 words to be submitted for alty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing promally designated in the semester's Registration Booklet press approved for second writing requirement, page 59.) If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign languages. If the intermediate-level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lanstudents. If the intermediate level course (107 or 112) in a given lanstudents with more than 4 years of high school foreign lanstudents.	0-12

MAJOR REQUIREMENTS

A grade of C- or better is required for major courses and related work

Students lacking preparation for math 242 should begin with MATH 241

Within the Department		
MATH 210	Discrete Mathematics I.	. 3
MATH 242	Analytic Geometry and Calculus B	4
MATH 243	Analytic Geometry and Calculus C	4
MATH 245	An Introduction to Proof	. 3
MATH 349	Elementary Linear Algebra	. 3
MATH 389	Graph Theory	: 3
MATH 401	Advanced Calculus	
MATH 451	Abstract Algebra I	3
MATH 518	Mathematical Models and Applications	3
or		
another Mode		
MATH 540	Geometry	3
STAT 300	Statistical Methods and Theory	4
Related Wor		
CISC 105	General Computer Science	3
or		
CISC 106	General Computer Science for Engineering	3
or CICC 101	1. 1. 1. 1	'n
CISC 181	Introduction to Computer Science	3
PHYS 207	Introductory Physics I	4
ENGL 312	Written Communications in Business	3
Professional		
EDST 201	Education in a Multicultural Society	3
EDST 304	Educational Psychology - Social Aspects	3
EDST 305	Educational Psychology - Cognitive Aspects	3
MATH 179	Problem Solving Strategies I	1
MATH 379	Problem Solving Strategies	. 1
MATH 380	Approaches to Teaching Mathematics	3
MATH 381	Practicum in Secondary Mathematics	1
EDST 420	Reading in the Content Areas	ŧ
EDDV 400	Student Teaching	9

To be eligible to student teach, Mathematics Education students must have a g p.a. of 2.5 in their mathematics major and an overall g.p.a. of 2.5. Remaining in the program is subject to periodic review of satisfactory progress and, to be admitted to EDDV 400 Student Teaching, students must have completed all the mathematics courses required in the secondary mathematics education program. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies.

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree, 79 outside of Mathematical Sciences.

CREDITS TO TOTAL A MINIMUM OF...... 124

HONORS BACHELOR OF ARTS: MATHEMATICS EDUCATION

The recipient must complete:

- 1. All requirements for the Bachelor of Arts degree in Mathematics Education.
- 2. All of the University's generic requirements for the Honors Baccalaureate degree (see page 30 of this catalog).

All Mathematics and Statistics courses below the 600-level in which the student takes an Honors component may be counted toward the minimum 12 hours of Honors credits in the major required for the Honors degree. All Mathematics and Statistics courses at the 600-level or higher may be counted toward the same 12 credit Honors course requirement.

COURSES FOR OTHER MAJORS

The three-semester calculus sequence MATH 241-242-243 is the traditional basis for programs in the physical sciences and engineering. Students with a sound preparation in calculus are encouraged to enroll in MATH 242 to avoid repetition of known material. Students with advanced placement are automatically placed in MATH 242, and others should follow the advice given during freshman orientation.

The calculus sequence MATH 221-222 and finite mathematics course MATH 230 are designed for students in the biological, behavioral, management and social sciences Trigonometry is not a prerequisite for these courses Requirements in mathematics preparation for these programs vary greatly; thus students with preparation in trigonometry, a high aptitude for mathematics, or an expectation of pursuing more quantitative aspects might seriously consider taking MATH 210 as an alternative to MATH 230 and MATH 241-242 as an alternative to MATH 221-222.

The sequence MATH 251-252 is designed for training elementary school teachers and is restricted to declared majors in the appropriate programs of the College of Human Resources, Education and Public Policy.

Students who need further preparation in algebra and trigonometry prior to a 200-level course should take MATH 115. MATH 114 serves to establish minimal skill levels for students not expecting to continue at the 200-level. Students seeking mathematical electives for self-enrichment may select MATH 280 if their skills are adequate for the 200-level.

Ordinarily, credit is not given for 100-level courses that follow successful completion of 200-level courses. Credit for corresponding courses from different tracks MATH 114 and 115; MATH 210 and 230; MATH 221 and 241; MATH 222 and 242; MATH 302 and MATH 341; and, MATH 349 and MATH 342 will be given only upon approval of the chair.

REQUIREMENTS FOR A MINOR IN MATHEMATICS

A student seeking a minor in mathematics must obtain permission from the chairperson or his designee in the Department of Mathematical Sciences. Course requirements consist of a total of 18 credits in mathematics to include 9 credits above MATH 302 (MATH 341 is not considered above MATH 302 since it is a comparable course from a different track. However, MATH 342 may be counted as above MATH 302, provided MATH 349 is not included in the count.) STAT 370 or any course cross-listed with a mathematics course may be counted toward the minor, except that courses in mathematics education (e.g., MATH 379, 380, 381) do not apply.

REQUIREMENTS FOR A MINOR IN STATISTICS

A student seeking a minor in statistics must obtain permission from the chairperson or his/her designee in the Department of Mathematical Sciences. Course requirements include STAT 370-371 and 9 credits in statistics above STAT 371 (excluded are STAT 555, STAT 650, STAT 656 and STAT 657).

MEDICAL HUMANITIES

The minor in medical humanities is an organized curriculum of study with an emphasis on the relationship between various humanistic inquiries and the practice of medicine.

REQUIREMENTS FOR A MINOR IN MEDICAL HUMANITIES

CSCC/PHIL 246 CSCC/ENGL 369 CSCC/HIST 382 CSCC 366	Philosophical Perspectives of Medicine Literature and Medicine History of Western Medicine Independent Study in Medical Humanities	3
Two courses from the CSCC/WOMS 233 CSCC/PHIL 241 CSCC/SOCI 242 CSCC/SOCI 243 CSCC 271 CSCC/SOCI 310 CSCC/SOCI 311	following: Women, Biology and Medicine Ethical & Moral Dimensions of Health Care Society and the Health Professions Society, Politics, and Health Care Comparative Medical Systems Sociology of Health Care Hospitals	3333
•		

CSCC/ENGL 368	Literature and Science	. 3
CSCC/HIST 385	History of Biological Ideas	3
CSCC/PHIL 444	Medical Ethics	3

Students wishing to complete a minor in Medical Humanities are encouraged to enroll as soon as possible. For information, contact Professor Ronald Martin in the Department of English, (302) 831-3068.

MEDIEVAL STUDIES

Students interested in the Middle Ages and Medieval Studies have the opportunity to draw on the resources of a number of departments and structure individual programs of breadth and variety. Students pursuing a minor in Medieval Studies must take a minimum of 18 credits from the following courses, selected from at least three departments.

ľ	aruments.	
•	ARTH 209	Early Medieval Art (200-1000 AD)
	ARTH 210	Later Medieval Art (1000-14000 AD)
	ARTH 213	Art of the Northern Renaissance
	ARTH 217	Early Renaissance Art
	ARTH 220	Italian Renaissance Architecture
	ARTH 406/606	Seminar in Medieval Art
	ARTH 408/608	Seminar in Northern Renaissance Art
	ARTH 413	Seminar in Italian Renaissance Art
	CMLT 320	Varying Authors and Genres (on medieval topics)
	CMLT 321	Medieval Literature and Culture
	ENGL 321	Medieval Literature and Culture
	ENGL 322	Chaucer
	FLLT 320	Varying Authors and Genres (on medieval topics)
	FREN 423/623	French Medieval Literature
	HIST 241	History of Christianity to 1300
	HIST 245	Medieval Kings and Queens
	HIST 342	Barbarian Europe
	HIST 343	Medieval Europe 1050-1350
	HIST 344	Renaissance Europe
	HIST 471/671	Seminar in Medieval History
	MUSC 311	Music History: 400 through 1600
	PHIL 302	Medieval Philosophy
	SPAN 435/635	Spanish Medieval Literature

Substitutions may be arranged with the permission of the faculty coordinator, provided that the required disciplinary distribution is maintained. For further information, consult Professor Mark Amsler, program coordinator, Department of English, (302) 831-6729 or Email: MAMSLER@UDEL.EDU.

MILITARY SCIENCE-ARMY ROTC

5 tudents at the University of Delaware have the opportunity to earn a commission as a Second Lieutenant in the U.S. Army upon completion of the military science program and a baccalaureate degree. The normal four-year program consists of the completion of eight semester courses, totaling 12 credits, and one six-week leadership camp during the summer. Courses at the 100 and 200-level are electives open to students of any major with no obligation. To be eligible to take 300 and 400-level courses, students must have completed all 100 and 200-level courses or qualify for the two-year program as described below. Restrictions apply for those students who are seeking an Army Commission (for more information contact the Military Science Department at 831-2217). A military obligation is incurred only if the student contracts for a commission and receives pay.

Two-Year Program. The two-year program provides sophomores, juniors, and graduate students who have not completed the first two years of military science the opportunity to qualify for advanced ROTC and to obtain a commission. The student must have

at least two years of full-time academic status remaining to qualify. As a prerequisite, the student must complete a six-week summer basic camp (not basic training). Students are paid and all travel, medical needs and meals are provided while attending this camp. Military veterans with two academic years remaining generally qualify automatically for the two-year program.

Advanced Camp. The ROTC student desiring to receive a commission must successfully complete a six-week leadership camp, normally in the summer between the junior and senior years. This camp allows the student to apply, in a military environment, those leadership and technical skills studied on campus. Students are provided uniforms, food, lodging, and medical care at no cost and are paid during this period. Transportation to and from the student's home is provided.

Pay and Allowances. All ROTC students contracting for a commission receive a subsistence allowance of \$150 per academic month.

Army ROTC Scholarship. Two, three- and four-year scholarships are awarded on the basis of academic merit and leadership potential. Scholarships pay up to \$12,800 in tuition, \$450 allowance for books, supplies, and fees, and \$150 subsistence allowance per academic month. A number of scholarships are also available to qualified students who desire a commission in the Army Reserve or National Guard.

Obligation. All ROTC graduates must serve in some capacity for eight years. This may be fulfilled by serving three to four years on active duty, followed by service in the Army National Guard (ARNG), U.S. Army Reserve (USAR), Individual Ready Reserve (IRR) or by serving eight years in the Guard or Reserve preceded by the active duty time needed to complete an officer basic course.

Educational Delay. ROTC graduates may apply for a delay from entry on active duty for the purpose of obtaining an additional academic degree.

Academic Credit. The colleges of Agricultural Sciences, Arts and Science, Business and Economics, Education, Human Resources, and Physical Education, Athletics and Recreation accept all 12 military science credits toward graduation. The College of Nursing and College of Engineering accept 6 and 4 credits, respectively.

MUSIC

The Department of Music provides a wide variety of educational opportunities, ranging from experiences directed to the cultural enrichment of the entire University community to the preparation of students for professional careers in music. The department is a leader in the development of computer-based instruction in music and video-disc technology. It is a full member of the National Association of Schools of Music.

For the general University student, the department offers courses in the fundamentals of music, music literature, and class study of voice and piano. All courses in the department are available to any University student who meets course and department prerequisites. Music courses may be taken as partial fulfillment of breadth requirements in the College of Arts and Science. Private study is also available to freshmen in the University Honors Program and to other non-majors, on a space-available basis, through the Music Merit Program. Auditions for these programs are held during the first week of the academic year by arrangement with the department office. A variety of performing organizations are available to all University students: marching band, wind and jazz ensembles, choral groups, the early music ensemble, gamelan, opera workshop, and various chamber ensembles.

A minor in music is available in applied music, musical studies, jazz studies or music management studies.

The curricula for students majoring in music lead to the degrees Bachelor of Music and Bachelor of Arts. The programs in the degree Bachelor of Music are directed to those who intend to become professional musicians. They offer opportunities to major in Music Education, Theory-Composition, or Applied Music (band or orchestral instruments, piano, classical guitar, and voice). The degree Bachelor of Arts offers the opportunity for professional study in music within a liberal arts context. All programs in music provide effective preparation for graduate study.

Entering majors are expected to demonstrate a high level of musical achievement and aptitude. Placement auditions and musicality tests for those students who wish to enter in the fall semester should be completed by June 1 of the preceding spring and must be completed before acceptance is granted. Acceptance to the University does not indicate acceptance as a music major. Students who transfer from accredited colleges are placed in appropriate levels of music theory, literature, and applied music according to the results of tests given at the time of transfer.

Part-time music majors must have the permission of the department chair to enroll for private study.

Credit for large ensembles, as required by various curricula, is given only for participation during the fall and spring semesters. The Department of Music requires the successful completion of a Sophomore Review before continuation as a music major. Detailed information about these and other aspects of curricular policy are published in the Department's Student Handbook.

DEGREE: I	BACHELOR OF ARTS MUSIC	
CURRICULUA	A CREE	STIC
See page 5	56 for University and College requirements.	
MAJOR RI	EQUIREMENTS	
	Department n 45 credits of Music courses may count toward the degree	
Applied M	usic	
MUSC 100 MUSC 161 MUSC 162 MUSC 175 MUSC 261 MUSC 262	Recital Attendance (four semesters required) Private Study Private Study Class Piano: Elementary I Private Study Private Study Private Study	2 1 2
Theory		
MUSC 185 MUSC 186 MUSC 195 MUSC 196 MUSC 285 MUSC 286 MUSC 295 MUSC 296	Ear Training and Sight Singing I Ear Training and Sight Singing II Harmony I. Harmony II. Advanced Ear Training and Sight Singing I Advanced Ear Training and Sight Singing II Advanced Harmony I Advanced Harmony I	2 3 2 2 3
Ensemble		
principle i ment for re	of large ensembles. B.A. Music Majors with nstrument of piano, organ or guitar must refer to the Depart- equired ensembles. Students must be enrolled in a large during all semesters in which they are enrolled in Applied Music	. 4
Literature		
MUSC 211 MUSC 311 MUSC 312 MUSC 313	Introduction to Music History Music History: 1450-1750 Music History: 1715-1825 Music History: 1825 to the Present	3
ELECTIVE	S	
After required taken to meet	d courses are completed sufficient elective credits must be the minimum credit requirement for the degree	
CREDITS T	O TOTAL A MINIMUM OF12	<u>!</u> 4

MAIOD.	BACHELOR OF MUSIC	
	APPLIED MUSIC-INSTRUMENTAL RATION: PRINCIPAL INSTRUMENTS	
of instruments	ation designates the student's principal instrument. A list of options can be found in the chart on page vi at the atalog, or can be obtained from the Department or the ts and Science Advisement Center.	
CURRICULUA		IT:
UNIVERSI	TY REQUIREMENTS	
Three credits	Critical Reading and Writing (minimum grade C-)	3
	REQUIREMENTS	
Skill Requir		
A second wri- two papers we extended faci must be taken courses are n	ting course involving significant writing experience including ith a combined minimum of 3 000 words to be submitted for ulty critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing ormally designated in the semester's Registration Booklet urses approved for second writing requirement, page 59.)	3
MATH 114	College Mathematics and Statistics students who do not intend to continue the study of mathematics)	3
MATH 115 (designed for or	Pre-Calculus students who intend to continue the study of mathematics)	3
One of the fo	lowing:	á
MATH 221 MATH 241 or	Calculus I. Analytic Geometry and Calculus A	4
	formance on the college proficiency exam	
	ure course (200-level – Group A or B) Western Civilization to 1648 Western Civilization: 1648 to the Present	3
Foreign Lan		_
	of the same modern foreign language	8
•	Managan managan mangan mengahan kelalah salam mengan mengan berasa perbang mengang mengang mengang mengang men	
	g and appreciation of the creative arts and humanities ent is satisfied by MUSC 195 and 196.)	6
(This requirem Group B. The study of c	ent is satisfied by MUSC 195 and 196.) 1 Ulture and institutions over time. Fifteen credits representing eas. (This requirement is satisfied by MUSC 311, 312,	
(This requirem Group B The study of c at least two at 313, HIST 10 Group C Empirically be	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.)	
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) used study of human beings and their environment. Nine enting at least two areas.	5 9
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) 1 used study of human beings and their environment. Nine enting at least two areas. 1 atural phenomena through experiment and analysis.	5 9
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) 1 used study of human beings and their environment. Nine enting at least two areas. 1 atural phenomena through experiment and analysis. 1 QUIREMENTS	5 9
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) 1 used study of human beings and their environment. Nine enting at least two areas. 1 atural phenomena through experiment and analysis. 1 QUIREMENTS 1 Department	5 9
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) 1 used study of human beings and their environment. Nine enting at least two areas. 1 atural phenomena through experiment and analysis. 1 QUIREMENTS 1 Department 1 CREDITERIES 1 Department 1 CREDITERIES 1 Department	5 9 6
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine enting at least two areas. In additional content of the con	5 9 6
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine enting at least two areas. atural phenomena through experiment and analysis. QUIREMENTS Department sic Recital Attendance (six semesters required) Private Study Private Study	5 9 6
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine enting at least two areas. atural phenomena through experiment and analysis. QUIREMENTS Department sic Recital Attendance (six semesters required) Private Study	5 9 6 0444
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) Inture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine enting at least two areas. Intural phenomena through experiment and analysis. Intural phenomena thr	5 9 6 04444
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) In the satisfied by MUSC 195 and 196.) In the satisfied by MUSC 311, 312, 11, and 102.) It is a satisfied by MUSC 311, 312, 12, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 195 and 196. It is a satisfied by MUSC 195 and 196. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, and 102. It is a satis	5 9 6 04444
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine senting at least two areas. atural phenomena through experiment and analysis. QUIREMENTS Department sic Recital Attendance (six semesters required) Private Study	5 9 6 0444444
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) In the satisfied by MUSC 195 and 196.) In the satisfied by MUSC 311, 312, 11, and 102.) It is a satisfied by MUSC 311, 312, 12, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 311, 312, 13, and 102.) It is a satisfied by MUSC 195 and 196. It is a satisfied by MUSC 195 and 196. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, 13, and 102. It is a satisfied by MUSC 311, 312, and 102. It is a satis	5 9 6 0444444
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) Inture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine senting at least two areas. Intural phenomena through experiment and analysis. Intural phenomena th	5 9 6 044444411
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine senting at least two areas. atural phenomena through experiment and analysis. QUIREMENTS Department sic Recital Attendance (six semesters required) Private Study	5 9 6 0444444110
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) Inture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine senting at least two areas. Intural phenomena through experiment and analysis. Intural phenomena th	5 9 6 0444444110
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) In the condition of the condition	5 9 6 04444411000 2
(This requirem Group B	ent is satisfied by MUSC 195 and 196.) 1 ulture and institutions over time. Fifteen credits representing reas. (This requirement is satisfied by MUSC 311, 312, 1, and 102.) Itsed study of human beings and their environment. Nine senting at least two areas. Courage of the sent of	5 9 6 04444441100 22

	Harmony I. Harmony II. Advanced Harmony I Advanced Harmony II / courses	
MUSC 115 Be Orchestra, MU (All Ensembles Guitarists mus	s selected from the following: and, MUSC 116 Jazz Ensemble, MUSC 117 University JSC 118 Percussion Ensemble, and MUSC 321 Ensemble s may be repeated) st complete the following: Ensemble: Guitar	
Two semesters	s of any departmental ensemble	
Literature MUSC 211 MUSC 311 MUSC 312 MUSC 313 Music Elective	Introduction to Music History Music History: 1450-1750 Music History: 1715-1825 Music History: 1825 to the Present	3 3 3
	ate study on primary instrument	<i>7-</i> 9
	le two credits of ensemble	
CREDITS TO	O TOTAL A MINIMUM OF	130
DEGREE: B	ACHELOR OF MUSIC	
	PPLIED MUSIC-PIANO	
CURRICULUM		CREDITS
	TY REQUIREMENTS Critical Reading and Writing (minimum grade C-)	. 3
Three credits i	n an approved course or courses stressing II, ethnic, and/or gender-related content (see p. 20)	3
COLLEGE	REQUIREMENTS	
Skill Requir		
A second writi two papers wi extended facu must be taken courses are no	nimum grade C-} ing course involving significant writing experience including ith a combined minimum of 3,000 words to be submitted for thy critique of both composition and content. This course after completion of 62 credit hours. Appropriate writing ormally designated in the semester's Registration Booklet. urses approved for second writing requirement, page 59.	a
Mathematic		
MATH 114 (designed for s	College Mathematics and Statistics tudents who do not intend to continue the study of mathemat	
MATH 115	Pre-Calculus students who intend to continue the study of mathematics)	3
	lowing: Calculus I Analytic Geometry and Calculus A	
Successful per	formance on the college proficiency exam	
HIST TOT	rre course (200-level – Group A or B) Western Civilization to 1648 Western Civilization: 1648 to the Present	3
Foreign Lan		
December Dec	10	
Undersiding	and appreciation of the creative arts and humanities.	6
	ent is satisfied by MUSC 195 and 196.)	15
The study of cu at least two ar 313, HIST 10	ulture and institutions over time. Fifteen credits representing eas. (This requirement is satisfied by MUSC 311, 312, 1, and 102)	
Empirically ba credits represe	sed study of human beings and their environment. Nine nting at least two areas	
	thurd phenomena through experiment and analysis	O

			1944 mg - 1	
MAJOR R	EQUIREMENTS		One of the fo	ollowin
Within the	Department		MATH 221	Calc
			MATH 241	Ana
Applied M			or	
MUSC 100	Recital Attendance (six semesters required)	0	Successful po	erform
MUSC 161	Private Study	4	HIST 102	Wes
MUSC 162	Private Study	4	Languages c	
MUSC 261	Private Study	4	THEA 226	Actir
MUSC 262	Private Study		- TT	
MUSC 361	Private Study	4	Breadth Re	
MUSC 362	Private Study	4	Group A	
MUSC 461	Private Study		Understandi	
MUSC 462	Private Study		(This require	ment is
MUSC 301 MUSC 401	Junior Recital		Group B	
MU3C 401	Senior Recital		The study of	culture
Theory			ing at least t	
MUSC 185	Ear Training and Sight Singing I	2	312, 313 ar	
MUSC 186	Ear Training and Sight Singing II		Group C	
MUSC 285	Advanced Ear Training and Sight Singing I		Empirically b	
MUSC 286	Advanced Ear Training and Sight Singing II		credits repre	
MUSC 195	Harmony I.	3		
MUSC 196	Harmony II		Group D	
MUSC 295	Advanced Harmony I		The study of	natura
MUSC 296	Advanced Harmony II		MATOD D	EATH
MUSC 393	Keyboard Harmony		MAJOR R	EQUI
MUSC 394	Keyboard Harmony		Within the	Depai
MUSC Theo	ry courses	4-6	Applied M	usic
Ensemble		and the second	MUSC 100	Recit
the state of the s	d Music – Piano majors must take MUSC 241, 242, 34	1	MUSC 161	Privo
	and 442 (Accompanying Chamber Music: Piano) plus to		MUSC 162	Priva
semesters of	any ensemble offered in the Department of Music	,,,	MUSC 261	Priva
	rs of any departmental ensemble		MUSC 262	Priva
MUSC 241			MUSC 361	Priva
MUSC 241	Accompanying Chamber Music: Piano Accompanying Chamber Music: Piano		MUSC 362	Priva
MUSC 341	Accompanying Chamber Music: Plano Accompanying Chamber Music: Plano		MUSC 461	Priva
MUSC 341	Accompanying Chamber Music: Plano Accompanying Chamber Music: Plano		MUSC 462	Priva
MUSC 441	Accompanying Chamber Music: Piano		MUSC 175	Class
MUSC 442	Accompanying Chamber Music: Plano Accompanying Chamber Music: Plano		MUSC 176	Class
MOSC 442	Accompanying Chamber Mosic. Harlowing		MUSC 275	Class
Literature		A Section of the Control of the Cont	MUSC 276	Class
MUSC 211	Introduction to Music History		MUSC 301	Junio
MUSC 311	Music History: 1450-1750		MUSC 401	Senio
MUSC 312	Music History: 1715-1825		Theory	
MUSC 313	Music History: 1825 to the Present	3	MUSC 185	Ear T
MUSC 363	Keyboard Literature I		MUSC 186	Ear T
MUSC 364	Keyboard Literature II		MUSC 285	Advo
Music Literat	ure course		MUSC 286	Advo
Music Elect	ives		MUSC 195	Harn
Evoludes priv	vate study on primary instrument	4	MUSC 196	Harn
May inclu	-la t		MUSC 295	Advo
Way McIo	de two creams of ensemble.		MUSC 296	Advo
CREDITS 1	O TOTAL A MINIMUM OF		Ensemble	
			MUSC 108	Unive
			ог	J
DEGREE:	BACHELOR OF MUSIC		MUSC 109	Chor
	APPLIED MUSIC-VOICE		or	
•			MUSC 110	Chor
CURRICULUA	vi	CREDITS	Literature	
UNIVERSI	TY REQUIREMENTS		MUSC 211	Intro
ENGL 110	Critical Reading and Writing (minimum grade C-)	3	MUSC 311	Musi
	in an approved course or courses stressing	3	MUSC 312	Music
	al, ethnic, and/or gender-related content (see p. 20)		MUSC 313	Music
1				
COLLEGE	REQUIREMENTS		Related Mu	
Skill Requi			MUSC 171	Dictio
Writing: (m	inimum grade C-)	3	MUSC 271	Dictio
	iting course involving significant writing experience incl		MUSC 272	Dictio
	with a combined minimum of 3,000 words to be submitt		MUSC 489	Oper
	ulty critique of both composition and content. This cours		Music Elect	
must be taker	n after completion of 62 credit hours. Appropriate writing	na	Nine credits	from th
	formally designated in the semester's Registration Bookle		from MUS	C 327
	ourses approved for second writing requirement, page 5		MUSC 103	Introd
			MUSC 104	Introd
Mathemati			MUSC 327	Germ
MATH 114	College Mathematics and Statistics		MUSC 335	Basic
	students who do not intend to continue the study of mathe	ematics)	MUSC 395	Form
OF	Pro Calandra	•	MUSC 397	Conte
MATH 115	Pre-Calculus students who intend to continue the study of mathemati	3	MUSC 427	Frenc
or (aesignea for	students who intend to continue the study of mathemati	Coj	MUSC 428 MUSC 480	Voca
UI .			MILIOU AIXIT	VOCA

One of the fo MATH 221 MATH 241 or	llowing: Calculus I. Analytic Geometry and Calculus A
	rformance on the college proficiency exam
HIST 102	Western Civilization: 1648 to the Present
Languages co	ourses (French, German and Italian) 2 Acting I
Group A	quirements (See page 60)
Understandin	g and appreciation of the creative arts and humanities
(This requiren	nent is satisfied by MUSC 195 and 196)
	A Committee of the Comm
ing at least tw	culture and institutions over time. Twelve credits represent- vo areas (This requirement is satisfied by MUSC 311, d HIST 102)
Group C	
credits repres	ased study of human beings and their environment. Six enting at least two areas.
	natural phenomena through experiment and analysis
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	ing a <u>filler i e</u> transition of files for a second of the second of the
	QUIREMENTS
Within the I	. •
Applied Mu MUSC 100	Recital Attendance (six semesters required)
MUSC 161	Private Study
MUSC 162	Private Study
MUSC 261	Private Study
MUSC 262 MUSC 361	Private Study Private Study
MUSC 362	Private Study
MUSC 461	Private Study
MUSC 462 MUSC 175	Private Study
MUSC 175	Class Piano: Elementary II.
MUSC 275	Class Piano: Intermediate I
MUSC 276	Class Piano: Intermediate II
MUSC 301 MUSC 401	Junior Recital Senior Recital
Theory	
MUSC 185	Ear Training and Sight Singing I
MUSC 186	Ear Training and Sight Singing II
MUSC 285	Advanced Ear Training and Sight Singing I Advanced Ear Training and Sight Singing II
MUSC 286 MUSC 195	Harmony I.
MUSC 196	Harmony II.
MUSC 295	Advanced Harmony I
MUSC 296	Advanced Harmony II
Ensemble MUSC 108 or	University Singers
MUSC 109	Choral Union
or MUSC 110	Choral,
Literature	
MUSC 211	Introduction to Music History
MUSC 311 MUSC 312	Music History: 1450-1750 Music History: 1715-1825
MUSC 312	Music History: 1713-1023 Music History: 1825 to the Present
Related Mu	cia Studios
MUSC 171	Diction: English and Italian
MUSC 271	Diction: German
MUSC 272 MUSC 489	Diction: French Opera Workshop
Music Electi	
Nine credits fi	rom the following: (including four credits
MUSC 103	Introduction to Opera
MUSC 104 MUSC 327	Introduction to Opera II German Lieder
MUSC 335	Basic Conducting
MUSC 395	Form Analysis
MUSC 397 MUSC 427	Contemporary Harmony French Art Song
MUSC 427 MUSC 428	Twentieth-Century Art Song
MUSC 480	Vocal Pedagogy

ELECTIVES	MUSC 285 Advanced Ear Training and Sight Singing Issued State 2
After required courses are completed, sufficient elective credits must be	MUSC 286 Advanced Ear Training and Sight Singing II
taken to meet the minimum credit requirement for the degree	MUSC 195 Harmony I,
	MUSC 196 Harmony II
CREDITS TO TOTAL A MINIMUM OF 134	MUSC 295 Advanced Harmony I
	MUSC 296 Advanced Harmony II 3 MUSC 331 Orchestration 2
DECDEE, DACUELOD OF MUCIO	Ensemble
DEGREE: BACHELOR OF MUSIC	MUSC 115 Band 7
MAJOR: MUSIC EDUCATION-INSTRUMENTAL	
CONCENTRATION: PRINCIPAL INSTRUMENT	Literature
The concentration designates the student's principal instrument. A list of	MUSC 211 Introduction to Music History 3 MUSC 311 Music History: 1450-1750 3
instrumental options can be found in the chart on page vi at the front of	MUSC 311 Music History: 1450-1750 3 MUSC 312 Music History: 1715-1825 3
this catalog, or can be obtained from the Department or the College of Arts and Science Advisement Center	MUSC 313 Music History: 1825 to the Present 3
	Secondary Instruments
CURRICULUM CREDITS	MUSC 214 Stringed Instruments Class
UNIVERSITY REQUIREMENTS	MUSC 215 High Brass Instruments Class 1
ENGL 110 Critical Reading and Writing (minimum grade C-) 3	MUSC 216 Low Brass Instruments Class
Three credits in an approved course or courses stressing	MUSC 217 Woodwind Instruments Class I
multicultural, ethnic, and/or gender-related content (see p. 20)	MUSC 218 Woodwind Instruments Class II
COLLEGE REQUIREMENTS	MUSC 219 Percussion Instruments 1
Skill Requirements	Music Methods
· · · · · · · · · · · · · · · · · · ·	MUSC 335 Basic Conducting 2
Writing: (minimum grade C-)	MUED 2/9 Practicum in Music Education 3
A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for	MUED 337 Instrumental Conducting 2
extended faculty critique of both composition and content. This course	MUED 379 Music in the Elementary and Junior High (or Middle) School 3
must be taken after completion of 62 credit hours. Appropriate writing	MUED 479 Secondary Music Materials and Approaches 3 MUSC 287 Music Technology 3
courses are normally designated in the semester's Registration Booklet	and the second of the second o
(See list of courses approved for second writing requirement, page 59.)	Music Electives
Mathematics:	Six music electives excluding ensemble and private study on 6
MATH 114 College Mathematics and Statistics	primary instrument.
(designed for students who do not intend to continue the study of mathematics)	Professional Studies
or	Education
MATH 115 Pre-Calculus 3	EDST 201 Education in a Multicultural Society
(designed for students who intend to continue the study of mathematics) or	EDST 304 Educational Psychology – Social Aspects 3
	EDST 305 Educational Psychology – Cognitive Aspects 3 EDDV 400 Student Teaching 9
One of the following: MATH 221 Calculus I	· ·
MATH 241 Analytic Geometry and Calculus A 4	The Music Education program requires a certain minimum G.P.A. for enrollment in EDDV 400, Student Teaching, a course required for the
Or	degree. The teacher education program advisor (see list on p. 155) should
Successful performance on the college proficiency exam	be consulted for the exact G.P.A. requirements and other policies concern-
Breadth Requirements (See page 60)	ing qualifications for student teaching
Art or Art History course, to be selected from Group A or B	
Group A	CREDITS TO TOTAL A MINIMUM OF 129
Understanding and appreciation of the creative arts and humanities.	
Nine credits representing at least two departments. (This requirement is	DECORE. DAGUELOD OF MUCIO
partially satisfied by MUSC 195 and 196.)	DEGREE: BACHELOR OF MUSIC
Group B	MAJOR: MUSIC EDUCATION—GENERAL/CHORAL CONCENTRATION: PIANO
The study of culture and institutions over time. (MUSC 311, 312, and	化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基
313 count toward completion of this requirement.)	CURRICULUM CREDITS
Group C 9	UNIVERSITY REQUIREMENTS
Empirically based study of human beings and their environment. Nine	ENGL 110 Critical Reading and Writing (minimum grade C-)
credits representing at least two areas	Three credits in an approved course or courses stressing
Group D 4	multicultural, ethnic, and/or gender-related content (see p. 20)
The study of natural phenomena through experiment and analysis One	COLLEGE REQUIREMENTS
science course with an associated laboratory.	
	Writing: (minimum grade C-)
MAJOR REQUIREMENTS	A second writing course involving significant writing experience including
Within the Department	two papers with a combined minimum of 3,000 words to be submitted for
Applied Music	extended faculty critique of both composition and content. This course
MUSC 100 Recital Attendance (six semesters required) 0	must be taken after completion of 62 credit hours. Appropriate writing
MUSC 161 Private Study 2	courses are normally designated in the semester's Registration Booklet. (See list of courses approved for second writing requirement, page 59.)
MUSC 162 Private Study 2 MUSC 261 Private Study 2	
MUSC 262 Private Study 2	Mathematics:
MUSC 361 Private Study 2	MATH 114 College Mathematics and Statistics 3
MUSC 362 Private Study 2	(designed for students who do not intend to continue the study of mathematics) or
MUSC 461 Private Study	MATH 115 Pre-Calculus 3
MUSC 175 Class Piano: Elementary I	(designed for students who intend to continue the study of mathematics)
MUSC 176 Class Piano: Elementary II 1 MUSC 174 Class Voice: Beginning 1	or
MUSC 174 Class Voice: Beginning 1 MUSC 301 Junior Recital 0	One of the following:
	MATH 221 Calculus I.
Theory MUSC 185 Ear Training and Sight Singing I 2	MATH 241 Analytic Geometry and Calculus A 4
MUSC 186 Ear Training and Sight Singing I 2 MUSC 186 Ear Training and Sight Singing II 2	or Successful performance on the college proficiency exam
	Succession performance on the conege pronciency exam.

Breadth Re	equirements (See page 60)	Professional Studies
Art or Art Hi	story course, to be selected from Group A or B	Education
	9	EDST 201 Education in a Multicultural Society
Understandii	ng and appreciation of the creative arts and humanities representing at least two areas. (This requirement is partial-	EDST 304 Educational Psychology – Social Áspects 3 EDST 305 Educational Psychology – Cognitive Aspects 3
ly satisfied b	y MUSC 195 and 196.)	EDDV 400 Student Teaching 9
Group B	culture and institutions over time. (MUSC 311, 312, and	To be eligible to student teach, Music Education students must have a g.p.a. of 2.75 in their music major and an overall g.p.a. of 2.5. Students
313 count to	oward completion of this requirement)	should consult the teacher education program coordinator (see list on p 1.55) to obtain the student teaching application and other information con-
Group C	e roman kananan di sant dalama mumimi dagan era ere san mamin mas siyan mikanan dagig ar 💆	cerning student teaching policies
Empirically b	pased study of human beings and their environment. Nine	
creaits repre	senting at least two areas.	CREDITS TO TOTAL A MINIMUM OF 133
Group D	natural phenomena through experiment and analysis. One	
rne study of	se with an associated laboratory	DEGREE: BACHELOR OF MUSIC
	EQUIREMENTS	MAJOR: MUSIC EDUCATION—GENERAL/CHORAL
	Department	CONCENTRATION: VOICE
		CURRICULUM CREDITS
Applied M MUSC 100	Recital Attendance (six semesters required) 0	UNIVERSITY REQUIREMENTS
MUSC 161	Private Study (piano) 2	ENGL 110 Critical Reading and Writing (minimum grade C) 3
MUSC 162	Private Study (piano) 2	Three credits in an approved course or courses stressing
MUSC 261	Private Study (piano) 2	multicultural, ethnic, and/or gender-related content (see p. 20)
MUSC 262	Private Study (piano)	COLVE DE DECYMPENTENTS
MUSC 361	Private Study (piano)	COLLEGE REQUIREMENTS
MUSC 362	Private Study (piano)	Skill Requirements
MUSC 461	Private Study (piano)	Writing: (minimum grade C)
MUSC 161	Private Study (voice)	A second writing course involving significant writing experience including
MUSC 162 MUSC 261	Private Study (voice) 1 Private Study (voice) 1	two papers with a combined minimum of 3,000 words to be submitted for
MUSC 262	Private Study (voice)	extended faculty critique of both composition and content. This course
MUSC 480	Vocal Pedagogy 3	must be taken after completion of 62 credit hours. Appropriate writing
MUSC 171	Diction: English and Italian	courses are normally designated in the semester's Registration Booklet
MUSC 271	Diction: German	(See list of courses approved for second writing requirement, page 59.)
MUSC 272	Diction: French	Mathematics:
MUSC 301	Junior Recital 0	MATH 114 College Mathematics and Statistics 3
Theory		(designed for students who do not intend to continue the study of mathematics)
MUSC 185	Ear Training and Sight Singing I	or
MUSC 186	Ear Training and Sight Singing II	MATH 115 Pre-Calculus 3
MUSC 285	Advanced Ear Training and Sight Singing 1	(designed for students who intend to continue the study of mathematics)
NUSC 286	Advanced Ear Training and Sight Singing II	or .
MUSC 195	Harmony I	One of the following:
AUSC 196	Harmony II	MATH 221 Calculus I
MUSC 295 MUSC 296	Advanced Harmony I	MATH 241 Analytic Geometry and Calculus A 4
NUSC 298	Advanced Harmony II 3 Contemporary Harmony 3	or
	Contemporary flurinoity and analysis and the contemporary of the c	Successful performance on the college proficiency exam
nsemble	그는 그 아이들이 그 아이들은 사람들이 얼마를 하는데 하는데	
AUSC 108	University Singers 7	Breadth Requirements (See page 60)
or	University Singers 7 Choral Union 7	Art or Art History course, to be selected from Group A or B
AUSC 109	Choral Union	Group A
ALISC 110	Choral	Understanding and appreciation of the creative arts and humanities
	SHOTULES control (1990) of 1990 of control control control (1990) and control (1990) of control (1990)	Nine credits representing at least two areas (This requirement is partial-
iterature		ly satisfied by MUSC 195 and 196.} Group B 9
AUSC 211	Introduction to Music History 3	Group B 9
AUSC 311	Music History: 1450-1750	The study of culture and institutions over time (MUSC 311, 312, and
AUSC 312	Music History: 1715-1825	313 count toward completion of this requirement.)
AUSC 313	Music History: 1825 to the Present	Group C
AUSC 328	Choral Literature	Empirically based study of human beings and their environment. Nine
	Instruments	credits representing at least two areas
AUSC 214	Stringed Instruments Class 1	Group D 4
AUSC 215	High Brass Instruments Class	The study of natural phenomena through experiment and analysis. One
or		science course with an associated laboratory
AUSC 217	Woodwind Instruments Class I	
Ausic Meth	ods	MAJOR REQUIREMENTS
AUSC 287	Music Technology 3	Within the Department
AUSC 335	Basic Conducting 2	
AUED 279	Practicum in Music Education 3	Applied Music
AUED 336	Choral Conducting 2	MUSC 100 Recital Attendance (six semesters required) 0
AUED 379	Music in the Elementary and Junior High (or Middle) School 3	MUSC 161 Private Study 2
AUED 479	Secondary Music Materials and Approaches	MUSC 162 Private Study 2 MUSC 261 Private Study 2
Ausic Electi	ives	MUSC 262 Private Study 2
	of music electives excluding ensemble and	MUSC 361 Private Study 2
private stud	dy on primary instrument (MUSC 407 recommended)	MUSC 362 Private Study 2

MUSC 461 MUSC 175 MUSC 176 MUSC 275 MUSC 276 MUSC 171	Private Study. Class Piano: Elementary I Class Piano: Elementary II. Class Piano: Intermediate I Class Piano: Intermediate II Diction: English and Italian	1 1 1	extended faculty critique of both composition and content. This course must be taken after completion of 62 credit hours. Appropriate writing courses are normally designated in the semester's Registration Booklet. (See list of courses approved for second writing requirement, page 59) Mathematics:
MUSC 271 MUSC 272 MUSC 480 MUSC 301	Diction: German Diction: French Vocal Pedagogy Junior Recital	1 1 3	MATH 114 College Mathematics and Statistics (designed for students who do not intend to continue the study of mathematics) or MATH 115 Pre-Calculus
Theory MUSC 185	Ear Training and Sight Singing I		(designed for students who intend to continue the study of mathematics) or
MUSC 186 MUSC 285 MUSC 286 MUSC 195 MUSC 196 MUSC 295	Ear Training and Sight Singing II Advanced Ear Training and Sight Singing I Advanced Ear Training and Sight Singing II Harmony II Harmony II	2 2 3 3	One of the following: MATH 221 Calculus I
MUSC 296 MUSC 397	Advanced Harmony I Advanced Harmony II Contemporary Harmony	3	Modern Languages Twelve credits in one of the following: French, German 12
Ensemble MUSC 108	University Singers		or Italian HIST 101 Western Civilization to 1648
or MUSC 109	Choral Union	7	Breadth Requirements (See page 60)
MUSC 110	Choral	7	Two 200-level or higher English literature courses selected from Group A or B
MUSC 311 MUSC 311 MUSC 312	Introduction to Music History Music History: 1450-1750 Music History: 1715-1825	3	Group A Understanding and appreciation of the creative arts and humanities [This requirement is satisfied by MUSC 195 and 196.]
MUSC 313 MUSC 328	Music History: 1825 to the Present Choral Literature	3	Group B
Secondary MUSC 214	Instruments Stringed Instruments Class	1	313, HIST 101, and 102.) Group C
MUSC 215	High Brass Instruments Class	1	Empirically based study of human beings and their environment. Nine credits representing at least two areas.
MUSC 217	Woodwind Instruments Class I	1	Group D
Music Meth		_	The study of natural phenomena through experiment and analysis. Nine
MUSC 287 MUSC 335	Music Technology Basic Conducting		credits in at least two areas
MUED 279 MUED 336	Practicum in Music Education Choral Conducting	3 2	MAJOR REQUIREMENTS Within the Department
MUED 379 MUED 479	Music in the Elementary and Junior High (or Middle) School	3 3 ¹ ,	Applied Music MUSC 100 Recital Attendance (six semesters required)
	of music electives excluding ensemble and	3	MUSC 175 Class Piano: Elementary I 1 MUSC 176 Class Piano: Elementary II 1 MUSC 275 Class Piano: Intermediate I 1
Professional	ly on primary instrument (MUSC 407 recommended)		MUSC 276 Class Piano: Intermediate II
Education	Studies		Secondary Instruments and Conducting MUSC 214 Stringed Instruments Class 1
EDST 201 EDST 304 EDST 305 EDDV 400	Education in a Multicultural Society Educational Psychology – Social Aspects Educational Psychology – Cognitive Aspects Student Teaching	3 3	MUSC 215 High Brass Instruments Class 1 MUSC 217 Woodwind Instruments Class 1 1 MUSC 219 Percussion Instruments 1
enrollment in E	cation program requires a certain minimum G.P.A. for DDV 400, Student Teaching, a course required for the		MUSC 335 Basic Conducting 2 Theory MUSC 185 Ear Training and Sight Singing I 2
be consulted f	acher education program advisor (see list on p. 155) should or the exact G.P.A. requirements and other policies concern- ons for student teaching.		MUSC 186 Ear Training and Sight Singing II
CREDITS TO	O TOTAL A MINIMUM OF 133	3	MUSC 286 Advanced Ear Training and Sight Singing II 2 MUSC 195 Harmony I. 3 MUSC 196 Harmony II. 3
MAJOR: TH	ACHELOR OF MUSIC HEORY/COMPOSITION MATIONS: THEORY/COMPOSITION	_	MUSC 295 Advanced Harmony I 3 MUSC 296 Advanced Harmony II 3 MUSC 287 Music Technology 3 MUSC 331 Orchestration 2
CURRICULUM	CREDIT	rs	MUSC 392 Contrapuntal Writing 2
UNIVERSIT	Y REQUIREMENTS		MUSC 393 Keybo'ard Harmony I 2 MUSC 394 Keybo'ard Harmony II 2 MUSC 395 Form Analysis 3
Three credits in	Critical Reading and Writing (minimum grade C-) n an approved course or courses stressing l, ethnic, and/or gender-related content (see p. 20)		MUSC 397 Contemporary Harmony 3 Theory Concentration
COLLEGE	REQUIREMENTS		MUSC 485 Pedagogy of Theory
Skill Require	ements		MUSC 420 Advanced Composition 3 MUSC 420 Advanced Composition 3
	imum grade C-)	3	or
	ng course involving significant writing experience including th a combined minimum of 3,000 words to be submitted for		MUSC Theory, literature or applied music elective

	on Concentration	
MUSC 485	Pedagogy of Theory Advanced Composition	3
MUSC 420	Advanced Composition	3
MUSC 420	Advanced Composition	3
MUSC 420	Advanced Composition	3
Literature		
MUSC 211	Introduction to Music History Music History: 1450-1750	3
MUSC 311	Music History: 1450-1750	3
MUSC 312	Music History: 1715-1825	3
MUSC 313	Music History: 1825 to the Present	3
MUSC 407	Music History: 1825 to the Present Twentieth-Century Music	3
Ensemble A variety of e	nsembles are recommended, including Chamber ensembles"	
CREDITS T	O TOTAL A MINIMUM OF 12	6

REQUIREMENTS FOR A MINOR IN MUSIC

A minimum grade of C is required in each course for music minors.

MUSIC MINOR: APPLIED MUSIC-PRINCIPAL INSTRUMENT

This title represents 19 applied music minors, the actual titles of which include the name of the instrument of study (e.g. Applied Music-Bassoon). A list of applied music minors can be found in the chart on page viii in the front of this catalog, or can be obtained from the Department or the College of Arts and Science Advisement Center.

The Applied Music minor is for nonmusic majors with some musical background who wish to continue their musical training on a more formal basis or music majors who wish to receive formal training on an additional instrument. Places in the minor program are dependent upon the total load of the applied faculty member involved. Admission into the Applied Music minor is determined by audition and musicality testing. The requirements are:

Class Piano MUSC 175	1
Not required of persons minoring in Applied Music–Piano. Applied Music MUSC 161, 162, 261, 262	ο
Lessons will be 1/2 hour per week and will include a repertory class	
Ensemble Ensemble and private study must be taken concurrently. (See Ensemble Policy in the Department of Music Student Handbook) Music Minors with principal instrument of piano, organ or guitar must refer to the Department for required ensembles. Theory/Composition – MUSC 185 and 195 Music Literature/History. (MUSC 101 and 102 do not fulfill this requirement. Any other music history course will do.)	5
Total Credits	21
(For Piano mi	iors ZU)

MUSIC MINOR: JAZZ STUDIES

The Music Minor in Jazz Studies offers a concentrated study of the history, theory, and performance elements of the field of jazz. It is directed towards two groups of students: (1) The non-music major who desires a focused study of jazz and its performance techniques; (2) Music Majors who wish to round out their education in music with a structured study of jazz. For this group, the Minor is an important component in a comprehensive education in Music. The requirements are:

	CREDITS
Jazz Styles/Tech MUSC 181 and 281	4
Ensemble MUSC 116 (four semesters), MUSC 321	5
Jazz Improvisation MUSC 293 and 294	, 6
Harmony and History MUSC 197 and 207	6
Total Credits	21

MUSIC MINOR: MUSIC MANAGEMENT STUDIES

The minor in music management studies examines the theory and practice of core principles in both the nonprofit and the for-profit sectors of music. The minor is intended for music majors who wish to

broaden the scope of their studies and enhance their career options; and non-music majors with musical experience and understanding who wish to develop their careers or further their interest in music-related fields.

In declaring the minor, students who are not also music majors will select a music emphasis from the following areas: Music History/Literature, Music Theory/Composition, Jazz, or Applied Music and will complete between 8 and 11 credits of music courses within that area of emphasis

All students selecting the minor, both music majors and nonmusic majors, will complete a core component of 10-12 credits as follows:

Total Cros	lise 19.23
MUSC 464	Internship 1-3
	Patterns of Patronage
	Elements of Music Management
	Principles of Music Industry Practice
romo wo.	CREDITS

MUSIC MINOR: MUSICAL STUDIES

The Musical Studies minor is for nonmusic majors who wish to increase their knowledge and understanding of the history and theory of music. No audition is required for admission into the Musical Studies minor. The requirements are:

MUSC 185 MUSC 195	Ear Training and Sight Singing I	. 2
MUSC 211 MUSC 311	Harmony L Introduction to Music History	3
or	Music History: 400 - 1600 Music History: 1600 - 1827	
	Music History: 1825 to Present	^
MUSC Histor fulfill this r	nble ry/Literature Elective (MUSC 101 and 102 do not equirement. Any other music history course will do.)	3
MUSC Theor	y Elective (MUSC 186, 196, 197, 287, 385)	2-3
Total Cred	lits 18-1	9

PHILOSOPHY

CREDITS

Philosophy provides training in basic methods of reasoning, both clear thinking procedures for everyday decision making and more formal techniques of logical analysis. It examines fundamental issues and ideas about our knowledge and values. It furnishes a critical perspective on the methods and results of other disciplines.

A major, a minor, or a concentration in philosophy is a useful background for many careers including the teaching of philosophy. Majors often go on to graduate work in other arts and science disciplines, as well as to further schooling in law, theology, education, data processing, or business. In general, philosophy offers all students opportunities to develop their critical and analytical skills.

The American Philosophical Association's national headquarters is on the Delaware campus.

DEGREE: BACHELOR OF ARTS MAJOR: PHILOSOPHY CURRICULUM CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department PHIL 105 Critical Thinking 3 or PHIL 205 Logic 3 PHIL 201 Social and Political Philosophy 3 or PHIL 203 Ethics 3

PHIL 301 PHIL 303	Ancient Philosophy 3 Modern Philosophy 3
PHIL 305	Twentieth Century Philosophy
or PHIL 320	Theory of Knowledge
PHIL 465	Senior Seminar
Six additional	Philosophy credits at the 300-level or above Philosophy elective credits
The student's six hours of m suitable course Latin American	orogram must include Ulticultural courses, selected in consultation with the advisor, from as in Philosophy, Black American, Women's, Jewish, Oriental, a or African Studies. The six hours may include courses in Philosoph
	S courses are completed, sufficient elective credits must be the minimum credit requirement for the degree

REQUIREMENTS FOR A MINOR IN PHILOSOPHY

A minor in philosophy requires a minimum of 15 credits, consisting of PHIL 105 or 205; PHIL 301 or PHIL 303; an additional 300-level PHIL course; and two PHIL electives.

CREDITS TO TOTAL A MINIMUM OF 124

PHYSICAL THERAPY

Prephysical therapy (undergraduate) students are admitted to the University as "physical therapy interest" and follow a program of study leading to a baccalaureate degree with a major in one of the traditional disciplines (e.g., biological sciences, psychology, or other choices). A major in a traditional discipline must be declared by the end of the fifth semester. Students receive academic advice by staff members in the advisement center or in their major department. They receive career counseling from faculty in the Physical Therapy Program. Upon graduation from their undergraduate program, students will have the necessary course work that will allow them to compete for admission to graduate programs throughout the United States, including the University of Delaware.

PHYSICS AND ASTRONOMY

The Department of Physics and Astronomy maintains a balanced program of instruction, for students who wish to acquire some understanding of physics as part of their cultural background as well as for those who require training in physics in preparation for engineering or scientific careers. Intermediate and advanced courses are offered for students who plan teaching or research careers in physics or related disciplines. The research activity of the staff of the Physics and Astronomy Department and of the staff of the Bartol Research Institute, which is affiliated with the University of Delaware and housed in Sharp Laboratory, is diverse and substantial. Undergraduate participation in research is encouraged.

DEGREE: BACHELOR OF ARTS MAJOR: PHYSICS

CURRICULUM

CREDITS

See page 56 for University and College requirements. Note: MATH 241 Analytical Geometry and Calculus A satisfies the Mathematics Skills College requirement and is strongly recommended as the first math course for physics majors, unless the placement exam suggests differently.

MAJOR REQUIREMENTS

Within the Department

Ordinarily, no more than four credits from among PHYS 201, and 207 may be counted toward graduation requirements; similarly no more than four from among PHYS 202, 208 Students interested in majoring in

should consu for additiona	have taken an introductory sequence other than PHYS 207-8 It with a member of the Physics faculty to consider the need I introductory courses, for which some additional credit uation may be given with permission of the Physics chair Fundamentals of Physics I (strongly recommended)	4
or		
PHYS 201	Introductory Physics I	
PHYS 208 or	Fundamentals of Physics II (strongly recommended)	.,,, 4
PHYS 202	Introductory Physics II	
	redits in Physics, of which fifteen must be at evel or higher	22
Within the	College Analytic Geometry and Calculus A (recommended)	
MATH 242	Analytic Geometry and Calculus B	
MATH 243 or	Analytic Geometry and Calculus C	4
MATH 221 MATH 222	Calculus I.	
ELECTIVE After required taken to mee		
DEGREE: E	BACHELOR OF SCIENCE PHYSICS	
CURRICULUA		REDITS
	TY REQUIREMENTS	
Three credits	Critical Reading and Writing (minimum grade C-) in an approved course or courses stressing al, ethnic, and/or gender-related content (see p. 20)	
	REQUIREMENTS	
Skill Requi	— ·	
A second writwo papers we extended factomust be taker courses are in (See list of co	inimum grade C-) ting course involving significant writing experience including yith a combined minimum of 3,000 words to be submitted for ulty critique of both composition and content. This course in after completion of 62 credit hours. Appropriate writing formally designated in the semester's Registration Booklet. Surses approved for second writing requirement, page 59.) Inguage:	0-12
Completion of given langua single foreign guage by tak	If the intermediate-level course (107 or 112 or 214) in a ge Students with four or more years of high school work in a I language may attempt to fulfill the requirement in that lan- ing an exemption examination.	
A total of twe required with	quirements (See page 60) inty-one credits from Groups A, B and C is a minimum of six credits in each group. The six credits oup could be from the same area	. 21
Group A Understandin	g and appreciation of the creative arts and humanities	
Group B The study of c	culture and institutions over time	
Group C Empirically be	ased study of human beings and their environment	
	QUIREMENTS	
Within the l		2
may be count four from amo Physics who I should consul for additional toward gradu	o more than four credits from among PHYS 201, and 207 red toward graduation requirements; similarly no more than ong PHYS 202, 208. Students interested in majoring in the save taken an introductory sequence other than PHYS 207-8 to with a member of the Physics faculty to consider the need introductory courses, for which some additional credit ration may be given with permission of the Physics chair	
PHYS 207 PHYS 208	Fundamentals of Physics I. Fundamentals of Physics II	
PHYS 209	Fundamentals of Physics III	3
PHYS 306 PHYS 313	Computational Methods of Physics Physical Optics	
PHYS 419	Classical Mechanics I	3

Classical Mechanics I

PHYS 422 Quantum Mechanics 3	PHYS 306 Computational Methods of Physics 3
PHYS 603 Electricity and Magneticism 3	PHYS 313 Physical Optics 4
PHYS 604 Electricity and Magneticism II	PHYS 419 Classical Mechanics I
PHYS 616 Kinetic Theory and Thermodynamics 3 PHYS 620 Classical Mechanics II 3	PHYS 422 Quantum Mechanics
PHYS 620 Classical Mechanics II 3 PHYS 621 Fundamentals of Modern Physics 3	PHYS 449 Introduction to Research 4 PHYS 603 Electricity and Magnetism I 3
PHYS 645 Electronics for Scientists 3	PHYS 616 Kinetic Theory and Thermodynamics 3
PHYS 647 Modern Physics Laboratory 3	PHYS 620 Classical Mechanics II 3
	PHYS 621 Fundamentals of Modern Physics I 3
Within the College	PHYS 632 Astrophysics 3
Mathematics:	PHYS 633 Stellar Astrophysics 3
MATH 241 Analytic Geometry and Calculus A 4	PHYS 645 Electronics for Scientists 3
MATH 242 Analytic Geometry and Calculus B	PHYS 646 Instrumentation for Scientists 3
MATH 243 Analytic Geometry and Calculus C 4	Within the College
MATH 302 Ordinary Differential Equations 3	Within the College
MATH 349 Elementary Linear Algebra	Mathematics:
One of the following two courses:	MATH 241 Analytic Geometry and Calculus A
MATH 503 Advanced Calculus for Applications 3	MATH 242 Analytic Geometry and Calculus B
MATH 508 Introduction to Complex Variables and Applications	MATH 243 Analytic Geometry and Calculus C
Natural Science	MATH 302 Ordinary Differential Equations 3
CHEM 103 General Chemistry 4	MATH 349 Elementary Linear Algebra 3
CHEM 104 General Chemistry 4	Natural Science:
	GEOL 109 Planets, Asteroids, and Impacts 3
ELECTIVES	THE TRANSPORTER
After required courses are completed, sufficient elective credits must be	ELECTIVES
aken to meet the minimum credit requirement for the degree	After required courses are completed, sufficient elective credits must be
CREDITS TO TOTAL A MINIMUM OF	taken to meet the minimum credit requirement for the degree
CREDITS TO TOTAL A MINIMUM OF 130	CREDITS TO TOTAL A MINIMUM OF 130
···	
DEGREE: BACHELOR OF SCIENCE	
MAJOR: PHYSICS	DEGREE: BACHELOR OF SCIENCE
	MAJOR: PHYSICS
CONCENTRATION: ASTRONOMY/ASTROPHYSICS	CONCENTRATION: CHEMICAL PHYSICS
CURRICULUM CREDITS	
UNIVERSITY REQUIREMENTS	CURRICULUM · CREDITS
	UNIVERSITY REQUIREMENTS
ENGL 110 Critical Reading and Writing (minimum grade C-)	ENGL 110 Critical Reading and Writing (minimum grade C-)
Three credits in an approved course or courses stressing	Three credits in an approved course or courses stressing 3
multicultural, ethnic, and/or gender-related content (see p. 20).	multicultural, ethnic, and/or gender-related content (see p 20)
COLLEGE REQUIREMENTS	
Skill Requirements	COLLEGE REQUIREMENTS
Writing: (minimum grade C-)	Skill Requirements
	Writing: (minimum grade C-)
A second writing course involving significant writing experience including	A second writing course involving significant writing experience including
wo papers with a combined minimum of 3,000 words to be submitted for	two papers with a combined minimum of 3,000 words to be submitted for
extended faculty critique of both composition and content. This course	extended faculty critique of both composition and content. This course
nust be taken after completion of 62 credit hours. Appropriate writing courses are normally designated in the semester's Registration Booklet.	must be taken after completion of 62 credit hours. Appropriate writing
See list of courses approved for second writing requirement, page 59.)	courses are normally designated in the semester's Registration Booklet
	(See list of courses approved for second writing requirement, page 59.)
Foreign Language: 0-12	Foreign Language: 0-12
Completion of the intermediate-level course (107 or 112 or 214) in a	
given language. Students with four or more years of high school work in a	Completion of the intermediate-level course (107 or 112 or 214) in a
ingle foreign language may attempt to fulfill the requirement in that lan-	given language Students with four or more years of high school work in a
juage by taking an exemption examination	single foreign language may attempt to fulfill the requirement in that lan-
Breadth Requirements (See page 60)	guage by taking an exemption examination.
A total of twenty-one credits from Groups A, B and C is 21	Breadth Requirements (See page 60)
equired with a minimum of six credits in each group. The six credits	A total of twenty-one credits from Groups A, B and C is 21
rom each group could be from the same area	required with a minimum of six credits in each group. The six credits
Group A	from each group could be from the same area
Inderstanding and appreciation of the creative arts and humanities	Group A
	Understanding and appreciation of the creative arts and humanities
Group B	
he study of culture and institutions over time	Group B
Group C	The study of culture and institutions over time
mpirically based study of human beings and their environment	Group C
	Empirically based study of human beings and their environment
MAJOR REQUIREMENTS	MA IOD DEOLUDEMENTO
Vithin the Department	MAJOR REQUIREMENTS
Ordinarily, no more than four credits from among PHYS 201, and 207	Within the Department
nay be counted toward graduation requirements; similarly no more than	Ordinarily, no more than four credits from among PHYS 201, and 207
our from among PHYS 202, 208 Students interested in majoring in	may be counted toward graduation requirements; similarly no more than
hysics who have taken an introductory sequence other than PHYS 207-8	four from among PHYS 202, 208. Students interested in majoring in
hould consult with a member of the Physics faculty to consider the need	Physics who have taken an introductory sequence other than PHYS 207-8
or additional introductory courses, for which some additional credit	should consult with a member of the Physics faculty to consider the need
oward graduation may be given with permission of the Physics chair.	for additional introductory courses, for which some additional credit
HYS 133 Introduction to Astronomy 4	toward graduation may be given with permission of the Physics chair
HYS 207 Fundamentals of Physics I. 4	PHYS 207 Fundamentals of Physics I. 4
HYS 208 Fundamentals of Physics II 4	PHYS 208 Fundamentals of Physics II 4
HYS 209 Fundamentals of Physics III 3	PHYS 209 Fundamentals of Physics III 3

PHYS 306	Computational Methods of Physics	PHÝS 313	Physical Optics	
PHYS 313	Physical Optics 4	PHYS 419	Classical Mechanics I	
PHYS 419	Classical Mechanics I	PHYS 422	Quantum Mechanics	
PHYS 603	Electricity and Magnetism I.	PHYS 603	Electricity and Magnetism I.	
PHYS 616	Kinetic Theory and Thermodynamics	PHYS 616	Kinetic Theory and Thermodynamics	
PHYS 621	Fundamentals of Modern Physics I	PHYS 621	Fundamentals of Modern Physics I	
PHYS 645	Electronics for Scientists	PHYS 624	Introduction to Solid State Physics	
PHYS 646	Instrumentation for Scientists 3	PHYS 645	Electronics for Scientists	
Within the C	College	PHYS 646	Instrumentation for Scientists	
Mathematic		PHYS 647	Modern Physics Laboratory	750
MATH 241	Analytic Geometry and Calculus A	Within the	College	
MATH 241	Analytic Geometry and Calculus B 4	Mathemat	ics:	
MATH 243	Analytic Geometry and Calculus C 4	MATH 241	Analytic Geometry and Calculus A	
MATH 302	Ordinary Differential Equations 3	MATH 242	Analytic Geometry and Calculus B	
MATH 349	Elementary Linear Algebra 3	MATH 243	Analytic Geometry and Calculus C	
		MATH 302	Ordinary Differential Equations	
Natural Sci		MATH 349	Elementary Linear Algebra	
CHEM 103	General Chemistry	Natural Sc	ience	
CHEM 104	General Chemistry	CHEM 103	General Chemistry	
CHEM 443	Physical Chemistry 3	CHEM 103	General Chemistry	
CHEM 444 CHEM 457	Physical Chemistry 3 Inorganic Chemistry 3			
CHEM 437	morganic Chemish y	ELECTIV		
ELECTIVE	\mathbf{S}	After require	d courses are completed, sufficient elective credits must be	
After required	courses are completed, sufficient elective credits must be	taken to mee	et the minimum credit requirement for the degree	
	the minimum credit requirement for the degree		PA WAWAL A SAIRIISSISS AF	104
		CREDITS	TO TOTAL A MINIMUM OF	130
CREDITS TO	O TOTAL A MINIMUM OF 130			
`		DEC DEE.	BACHELOR OF ARTS	
DECDEE. P	ACHELOR OF SCIENCE		PHYSICS EDUCATION	
MAJOR: P				
	RATION: MATERIALS PHYSICS	CURRICULUI	VI CI	REDI
COMCEMI		See page	56 for University and College requirements. Note:	
CURRICULUM	CREDITS	MATH 241	Analytical Geometry and Calculus A satisfies the	
UNIVERSIT	TY REQUIREMENTS	Mathemat	ics Skills College requirement and is strongly rec-	
	Critical Reading and Writing (minimum grade C-).		d as the first math course for physics education	
Three credits i	in an approved course or courses stressing 3		less the placement exam suggests differently.	
multiculture	al, ethnic, and/or gender-related content (see p. 20)			
			EQUIREMENTS	
COLLEGE	REQUIREMENTS	Within the	Department	
Skill Requir	ements	PHYS 207	Fundamentals of Physics I	
Writing: Imis	nimum grade C-) 3	PHYS 208	Fundamentals of Physics II	4
	ing course involving significant writing experience including	PHYS 209	Fundamentals of Physics III	
hyo naners w	ith a combined minimum of 3,000 words to be submitted for	Nineteen cre	edits, fifteen of which must be at the 300-level or higher	P
	olty critique of both composition and content. This course	Within the	College	
	after completion of 62 credit hours. Appropriate writing	MATH 241	Analytic Geometry and Calculus A	
	ormally designated in the semester's Registration Booklet.	MATH 242	Analytic Geometry and Calculus B	
(See list of cou	urses approved for second writing requirement, page 59)	MATH 243	Analytic Geometry and Calculus C	4
•	guage:0-12	CHEM 103	General Chemistry	4
		CHEM 104	General Chemistry	4
Completion of	f the intermediate-level course (107 or 112 or 214) in a ge Students with four or more years of high school work in a	Professiona		
given languag	language may attempt to fulfill the requirement in that lan-		Education in a Multicultural Society	
	ng an exemption examination	EDST 201	Educational Psychology – Social Aspects	
		EDST 304 EDST 305	Educational Psychology - Cognitive Aspects	
	quirements (See page 60)	SCEN 491	Teaching Science in Secondary Schools	
	nty-one credits from Groups A, B and C is21	EDST 420	Reading in the Content Areas	
	a minimum of six credits in each group. The six credits	EDDV 400	Student Teaching	
- 1 - T	oup could be from the same area	امانه المحادة	e to student teach, Physics Education students must have a	
Group A	l to the control of		75 in their physics major and an overall g.p.a. of 2.5. Stu-	
	g and appreciation of the creative arts and humanities		consult the teacher education program coordinator (see list	
Group B			o obtain the student teaching application and other informa-	
The study of c	ulture and institutions over time		ing student teaching policies	
Group C				304
Empirically bo	ised study of human beings and their environment	CREDITS 1	TO TOTAL A MINIMUM OF	1 22
' '	QUIREMENTS			
Within the D		BACHELO	R OF SCIENCE DEGREE IN GEOPHYSICS	
	more than four credits from among PHYS 201, and 207		ogy Department, jointly with the Physics Department,	
	ed toward graduation requirements; similarly no more than ong PHYS 202, 208. Students interested in majoring in	a B.S. deg	ree in geophysics. Geophysics involves the use of se	ism
Physics who h	ave taken an introductory sequence other than PHYS 207-8		ignetic, and electrical methods to study the structure an	
should consult	with a member of the Physics faculty to consider the need		ation of the earth. Geophysicists may perform such d	
	introductory courses, for which some additional credit		ing ground penetrating radar to detect the presence of l	
	and the second s	wana da Ud.	me around penetrating made to detect the presence of	التعاب

rs ic, tonic evolution of the earth. Geophysicists may perform such diverse tasks as using ground penetrating radar to detect the presence of buried hazardous wastes to modeling seismic waves to determine the nature of the earth's core-mantle boundary. The geophysics program is designed to produce students well-grounded in both geology and physics, but specifically trained in geophysical principles and techniques.

PHYS 207 PHYS 208 PHYS 209

PHYS 306

toward graduation may be given with permission of the Physics chair.

Fundamentals of Physics 1.

Fundamentals of Physics II
Fundamentals of Physics II
Computational Methods of Physics

CREDITS

REQUIREMENTS FOR A MINOR IN PHYSICS

S tudents in other departments can receive credit for work in physics by means of a physics minor, consisting of PHYS 207-208 plus 9 credits from PHYS courses at or above the 300-level. Students considering minoring in physics should consult the physics associate chair for advice or prerequisites for these courses and for assignment to an advisor.

POLITICAL SCIENCE

Political science majors acquire a broad introduction to the study of government and politics within a liberal arts tradition. Majors are required to complete at least sixty percent of their work in upper-division (300- and 400-level) courses in four of the five subfields in the discipline, a way to gain appreciation for non-U.S., international, and philosophical topics. Coursework typically helps students develop analytic and communication skills that have lifetime benefits as preparation for a wide array of careers (including law) and active citizenship. Beyond traditional classroom experiences, majors may also engage in several experiential learning opportunities: internships in political organizations, public agencies, and community service agencies; independent research under faculty direction; participation in a departmentsponsored study abroad experience. Detailed explanations of requirements and opportunities are available in the department office

Students changing their major to political science must have completed POSC 105 with a grade of C or better and completed at least 12 additional hours of University courses. Students must have a minimum of a 2.3 average to change their major to political science. Students transferring into the major from outside the University of Delaware will have their transcripts evaluated by the Department on a case-by-case basis.

The department maintains an advisory program for prelaw students and for students interested in government service.

Except as otherwise indicated, nonmajors may enroll in any political science course without prerequisites.

DEGREE: BACHELOR OF ARTS MAJOR: POLITICAL SCIENCE

CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department POSC 105 The American Political System

Eighteen credits distributed as follows:. Nine credits from courses at the 400-level; nine credits from courses at the 300 or 400-level

A student must take at least one course numbered at the 300 or 400level in four of the five fields listed below: (Detailed list available in department officel

- a American Government and Politics
- b Comparative Government and Politics
- International Relations
- d Public Administration and Public Policy
- e Political Theory

Political Science courses ... including courses at the 200-level, POSC 302 Research Methods (Recommended), Independent Study (POSC 366, 466), POSC 458 Community Service Fieldwork or POSC 464 Fieldwork in Political Science (Internship)

No more than three courses at the 200-level can be counted toward the thirty credits required for completion of the major.

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: POLITICAL SCIENCE EDUCATION

See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department

POSC 105 The American Political System Eighteen credits distributed as follows: Nine credits from courses at the 400-level; nine credits from courses at the 300 or 400-level.

A student must take at least one course numbered at the 300 or 400level in four of the five fields listed below: (Detailed list available in department office)

a American Government and Politics

- b. Comparative Government and Politics
- International Relations
- d Public Administration and Public Policy
- e Political Theory

Political Science courses... including POSC 302 Research Methods (Recommended)

No more than three courses at the 200-level can be counted toward the thirty credits required for completion of the major.

Within the College

ECON 151	Introduction to Microeconomics 3		
ECON 152	Introduction to Macroeconomics		
GEOG 120	World Regional Geography		
	World History 1648 to Present		
HIST 206	U.S. History 1865 to the Present		
Additional credits to total 27 with nine credits in each discipline 12			
(Geograpl	ny, Economics, and History)		

Professional Studies

EDST 201	Education in a Multicultural Society
EDST 304	Educational Psychology – Social Aspects 3
EDST 305	Educational Psychology – Cognitive Aspects 3
HIST 491	Planning a Course of Instruction
HIST 493	Seminar: Problems in Teaching History and Social Sciences 3
EDST 420	Reading in the Content Areas
EDDV 400	Student Teaching

To be eligible to student teach, Political Science Education students must have a g.p.a. of 3.0 in their major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies

CREDITS TO TOTAL A MINIMUM OF 124

DEGREE: BACHELOR OF ARTS MAJOR: FRENCH, GERMAN, OR SPANISH/POLITICAL SCIENCE

See page 56 for University and College requirements. MAJOR REQUIREMENTS

French, German or Spanish/Political Science majors must complete all designated courses and any prerequisite courses (e.g. for admission to the 200-level language courses) with no grade below a C

Within the Department of Political Science and International Relations

POSC 105	The American Political System (or other required intro courses)	3
POSC 240	Introduction to International Relations	3
POSC 270	Comparative Politics	
POSC 310	European Governments	
POSC 441	Problems of Western European Politics by Country	3
or		
POSC 442	Problems of Western European Politics	3
3 additional	courses at the 300 or 400 level with at least 2 at	
	and at least 2 in the area of International Relations	9

Within the Department of Foreign Languages and Literatures

In addition to completing the courses listed below, students are required to participate in a semester abroad program sponsored by the Department of Foreign Languages and Literatures (in Paris, or the equivalent, for French; in Bayreuth, or the equivalent, for German; in Granada, or the equivalent, for Spanish)

French FREN 2xx, 3xx, 4xx (Prior to semester abroad; FREN 255 recommended) FREN 3xx, 4xx FREN 4xx (literature) (Newark campus only)	. 6 12
FREN 4xx (literature) (Newark campus only) German GRMN 2xx, 3xx, 4xx (Prior to semester abroad; GRMN 255 recommended) GRMN 3xx, 4xx GRMN 4xx (literature) (Newark campus only)	. 6 12
Spanish SPAN 2xx, 3xx, 4xx (Prior to semester abroad; SPAN 255 recommended) SPAN 3xx, 4xx SPAN 4xx (literature) (Newark campus only)	12
The following courses taken abroad count toward the French, German, or Spanish/Political Science major:	
POSC 441	
French FREN 306 or FREN 406 FREN 308 FREN 355 or FREN 455 HIST 339	
German GRMN 306 or GRMN 406 GRMN 308 GRMN 355 or GRMN 455 HIST 339	
Spanish SPAN 306 or SPAN 406 SPAN 308 SPAN 355 or SPAN 455 HIST 339	
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree	

Admission and Financial Aid. The departments of Political Science and International Relations and Foreign Languages and Literatures will jointly make decisions regarding admission of students to the program and recommendations for financial aid.

CREDITS TO TOTAL A MINIMUM OF 124

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE

The required 15 credits for a minor are distributed as follows:

Lower-division courses: POSC 105.

Field requirements: Three courses numbered 300 or above are required and must be taken in two of the five fields of political science, as indicated under requirements for the major. Two of these courses must be at the 400-level. Students are required to take one additional political science course.

REQUIREMENTS FOR A MINOR IN PUBLIC ADMINISTRATION

The required 18 credits for this minor are distributed as follows:

Lower-division course: POSC 105, 302, 303.

Field requirements. Any two of three courses numbered 400 or above in Public Budgeting and Financial Management, Organization Theory, and Public Personnel Administration are required. Students are also required to take one additional course from a list of nine political science electives.

INTERNATIONAL RELATIONS

International Relations (IR) is an interdisciplinary major in the College of Arts and Science with core (24 credits), concentration (18 credits), and regional specialization (9 credits) requirements. Students must choose one of four concentrations and one of six regional specializations, as detailed in the curriculum below.

Area Studies Programs: Students whose regional specialization is Africa, East Asia, or Latin America should give serious consideration to adding one of the university's Area Studies programs: African Studies, East Asian Studies, and Latin American Studies. Course work in these area studies programs will allow students to develop much richer and deeper knowledge of these regions. Moreover, most of the courses approved for the Regional Specialization within the International Relations major are also approved as fulfilling the Area Studies requirements thereby facilitating a minor or double major with an area studies program.

Study Abroad, Internships, and Undergraduate Research: International Relations majors are strongly encouraged to consider a study abroad experience as a part of their program. Students participating in study abroad programs not only enrich their education through exposure to foreign cultures, but often have the opportunity to take courses, internships, and undertake other educational experiences abroad not otherwise offered in University of Delaware course lists. In many instances, these courses may count towards IR Concentration and Regional Specialization requirements. Similarly, internships and undergraduate research experiences offered from the Newark campus may be applied to IR Concentration and Regional Specialization requirements. Students should check with the IR Program Director when enrolling in study abroad courses and programs, internships, and undergraduate research programs to determine if the specific course, program, or educational experience meets a particular IR major requirement, or, if some major requirement might be waived by means of study abroad, internships, or undergraduate research programs.

Transfer Students: Students changing their major to international relations must have completed POSC 240 with a grade of C or better and completed at least 12 additional hours of university courses. Students must have a minimum of a 2.3 average to change their major to international relations. Students transferring to the major from outside the University of Delaware will have their transcripts evaluated by the director on a case-by-case basis. For information contact Professor James K. Oliver, 304 Smith Hall (302) 831-1942 or by e-mail: jkoliver@udel.edu.

DEGREE: BACHELOR OF ARTS MAJOR: INTERNATIONAL RELATIONS

CURRICULUM	CREDITS
See page 56 for University and College requirements.	
MAJOR REQUIREMENTS	
Within the Departments	,
Core	
The core consists of 24 hours of course work: POSC 240 Introduction to International Relations ECON 151 Introduction to Microeconomics ECON 340 International Economics GEOG 120 World Regional Geography One Foreign Languages and Literatures course beyond the intermediate level taught in the relevant language	3 3 3 3
One course from: HIST 102 Western Civilization 648 to Present	
HIST 104 World History 1648 to Present	3
And one history course from: HIST 131 Islamic Near East I500 to Present HIST 134 History of Africa HIST 135 Introduction to Latin American History HIST 137 East Asian Civilization: China HIST 138 East Asian Civilization: Japan	3 3 3

Concentrations

Students must choose one of four IR concentrations: (1) Development, (2) Diplomacy and World Order, (3) International Political Economy, or (4) U.S. Foreign Policy Concentrations require 18 hours of course work Each concentration has a required POSC gateway course. Students must

ake at least three approved Political Science and International Relations			Introduction to Cultural Geography
courses and at least one approved economics course. At least three courses must be taken at the 400 level in each concentration.			Economic Geography 3
			Conservation: Global Issues Resources Development and the Environment
Development Concentration			World Cities in Comparative Perspective
Required	Simple Control of the	GEOG 426 HIST 210	War and Society 3
POSC 311	Politics of Developing Nations 3	HIST 254	Jewish Holocaust 1933-1945
At least two f		HIST 302	The World in Our Time
POSC 316	International Political Economy 3	HIST 306	History of U.S. Foreign Policy 3 Europe in Crisis 1919-1945 3
POSC 341 POSC 362	Environment of Multinational Corporations 3 Diplomacy 3	HIST 351 HIST 481	Seminar in Military History
OSC 408	Problems of International Relations 3	HIST 483	Seminar in Comparative History
OSC 414	Problems of U.S. Foreign Policy 3	SOCI 210	Population Problems 3
OSC 444	Seminar in World Politics 3	SOCI 306	Personality and Society
OSC 445	Human Rights and World Politics 3	SOCI 320	Personality and Politics
OSC 448	Theories of International Relations 3	SOCI 360	Sociology of Religion 3
OSC 463	The United Nations and World Affairs 3	SOCI 361	Race, Power and Social Conflict
OSC 465	Model OAS	SOCI 460	Women in International Development
POSC 640	International Development Policy and Administration	FREC 410 FREC 420	International Agricultural Trade 3 Agriculture in Economic Development 3
At least one f	rom:	PHIL 204	World Religions 3
CON 305	Comparative Economic Systems 3		
CON 311	Economics of Developing Countries 3		onomy Concentration
CON 341 CON 405	Environment of Multinational Corporations 3 Planned Economies 3	Required:	t. a low le
CON 411	Economic Theory of Developing Countries 3	POSC 316	International Political Economy 3
CON 443	International Monetary Economics 3	At least two f	
Other Approv		POSC 333	Communism, Fascism, and Democracy
NTH 222	Technology and Culture	POSC 341	Environment of Multinational Corporations 3
NTH 225	Peasant Societies	POSC 362 POSC 409	Diplomacy.
NTH 230	Peoples of the World	POSC 414	Problems of International Relations 3 Problems of U.S. Foreign Policy 3
NTH 231	Personality and Culture	POSC 444	Seminar in World Politics
NTH 330	Development and Underdevelopment 3	POSC 448	Theories of International Relations 3
ANTH 363	Women in Cross- Cultural Development	POSC 640	International Development and Policy Administration 3
NTH 370	Culture/Food Production and Economic Development 3	At least one f	
NTH 377	Ecological Anthropology	ECON 305	Comparative Economic Systems
ANTH 408 SEOG 210	The Idea of Race 3 Economic Geography 3	ECON 311	Economics of Developing Countries 3
SEOG 236	Conservation: Global Issues 3	ECON 341	Environment of Multinational Corporations 3
SEOG 422	Resources Development and the Environment 3	ECON 405	Planned Economies
SEOG 460	Women in International Development 3	ECON 411	Economic Theory of Developing Countries 3
IIST 395	Pan Africanism	ECON 443	International Monetary Economics
OCI 210	Population Problems 3	Other Approv	ved Courses:
OCI 360	Sociology of Religion	ANTH 222	Technology and Culture 3
OCI 361	Race, Power and Social Conflict	ANTH 230	Peoples of the World 3
OCI 380 OCI 460	Development and Modernization 3	ANTH 370	Culture/Food Production and Economic Development 3 The Idea of Race 3
REC 410	Women in International Development 3 International Agricultural Trade 3	ANTH 401 GEOG 203	Introduction to Cultural Geography 3
REC 420	Agriculture in Economic Development 3	GEOG 210	Economic Geography 3
HIL 204	World Religions 3	GEOG 236	Conservation: Global Issues 3
Simlaman.	and World Order Concentration	GEOG 422	Resources Development and the Environment 3
	and world Order Concentration	GEOG 426	World Cities in Comparative Perspective
equired:	Dulaman	GEOG 460	Women in International Development
OSC 362	Diplomacy 1. 122. 141. 141. 141. 141. 141. 141. 1	HIST 210	War and Society
t least two fr	om:	HIST 302	The World in Our Time
	American Foreign Policy 3	HIST 306	History of U.S. Foreign Policy
OSC 316	International Political Economy 3 Communism Fascism and Democracy 3	HIST 351 SOCI 210	Europe in Crisis 1919-1945 3 Population Problems 3
OSC 333 OSC 341	Environment of Multinational Corporations 3	SOCI 380	Development and Modernization 3
OSC 363	International Law and Organization 3	SOCI 460	Women in International Development 3
OSC 365	Model United Nations	FREC 410	International Agricultural Trade
OSC 408	International Organization 3	FREC 420	Agriculture in Economic Development
OSC 409	Problems of International Relations	U.S. Foreign	n Policy Concentration
OSC 414	Problems of U.S. Foreign Policy	Required:	
OSC 415	Force and World Politics 3	POSC 313	American Foreign Policy 3
OSC 444	Seminar in World Politics		
OSC 445 OSC 448	Human Rights and World Politics 3 Theories of International Relations 3	At least two fr POSC 333	
OSC 463	The UN and World Politics 3	POSC 341	Communism, Fascism, and Democracy 3 Environment of Multinational Corporations 3
OSC 465	Model OAS 3	POSC 362	Diplomacy
OSC 604	International Law 3	POSC 363	International Law and Organization 3
t least one fr		POSC 408	International Organization 3
CON 305	Comparative Economic Systems 3	POSC 409	Problems of International Relations 3
CON 341	Environment of Multinational Corporations 3	POSC 414	Problems of U.S. Foreign Policy
CON 443	International Monetary Economics 3	POSC 415	Force and World Politics 3
ther Approv	•	POSC 444	Seminar in World Politics 3
	Technology and Culture	POSC 445	Human Rights and World Politics 3
NTH 230	Peoples of the World 3	POSC 448 POSC 463	Theories of International Relations 3 The UN and World Politics 3
	Ecological Anthropology 3	POSC 465	Model OAS
NTH 408	The Idea of Race 3	POSC 604	International Law 3
EOC 100		. 555 554	

At least one	rom:	European .	Specialization
ECON 305	Comparative Economic Systems 3	At least one	course from:
ECON 311	Economics or Developing Countries	POSC 270	Comparative Politics
ECON 341	Environment of Multinational Corporations 3	POSC 310	European Government 3
ECON 405	Planned Economies	POSC 339	Britain and Europe 3
ECON 411	Economic Theory of Developing Countries 3	POSC 441	Problems of European Politics: Countries 3
ECON 443	International Monetary Economics 3	POSC 442	Problems of Western European Politics 3
Other Appro	ved Courses:	Any two cou	rses from:
ANTH 222	Technology and Culture 3	ANTH 225	Peasant Societies
ANTH 230	Peoples of the World	ANTH 325	Peoples of Europe
ANTH 401	The Idea of Race.	ECON 305	Comparative Economic Systems 3
GEOG 102	Human Geography 3	ECON 318	Economic History of France
GEOG 210	Economic Geography 3	ECON 341	Environment of Multinational Corporations 3
GEOG 422	Resources Development and the Environment 3	ECON 344	The Making of the European Economy 3
GEOG 426	World Cities in comparative Perspective 3	ECON 348	Industrial Policies of France
HIST 210	War and Society	ECON 444	Analysis of European Economic Performance 3
HIST 302	The World in Out Time		
HIST 306	History of U.S. Foreign Policy	GEOG 454	New Europe: Culture, Geopolitics, Milieu
HIST 351	Europe in Crisis 1919-1945	HIST 264	The Jewish Holocaust, 1933-1945
HIST 481	Seminar in Military History	HIST 313	Modern Germany, 1770-1919
HIST 483		HIST 339	Topics in Modern Europe History
	Seminar in Comparative History 3	HIST 350	Europe in the Nineteenth Century
SOCI 210	Population Problems 3	HIST 351	Europe in Crisis, 1919-1945
SOCI 306	Personality and Society	HIST 352	Contemporary European Society
SOCI 320	Personality and Politics	HIST 354	Germany in the Twentieth Century
SOCI 361	Race, Power and Social Conflict	HIST 373	Modern Ireland, 1534 to Present
PHIL 204	World Religions	HIST 374	History of England to 1715
Regional C	pecializations	HIST 375	History of England 1715 to Present 3
		HIST 376	English Legal and Constitutional History 3
Students must	choose one of six regional specializations: (1) Africa, (2)	HIST 474	Studies in English History 3
	ppe, (4) Latin America, (5) Middle East, (6) Russia/Central	HIST 475	Seminar in Modern European History 3
	ializations require 9 hours of course work. At least one	SPAN 308	Contemporary Spain II
course must b	e taken from the Department of Political Science and Inter-		
national Rela	tions list of Regional Specialization courses. At least one	GRMN 308	
course must b	pe at the 400 level in each specialization.	ITAL 308	Contemporary Italy II
African Spe		FREN 308	Contemporary France II
•		Latin Ame	rican Specialization
At least one o		At least one	
POSC 270	Comparative Politics	POSC 270	Comparative Politics
POSC 311	Politics of Developing Countries 3	POSC 311	Politics of Developing Nations 3
POSC 433	African Politics 3		Folifics of Developing Indiions
Any two cour	tae from:	POSC 426	Latin American Political System 3
ANTH 225	Peasant Societies 3	POSC 431	Latin American Politics: Country
ANTH 260	Sociocultural History of Africa	Any two cou	rses from:
		ANTH 225	Peasant Societies
ANTH 330	Development and Underdevelopment 3	ANTH 327	Peoples of the Caribbean 3
ANTH 333	Peoples of Africa	ANTH 330	Development and Underdevelopment 3
HIST 134	History of Africa	ANTH 375	Peoples Cultures of Modern Central America 3
HIST 330	Peasants and Revolution in Africa 3	ANTH 380	Peoples Cultures of Mexico Central America 3
HIST 394	Africa Since 1960	ECON 305	Comparative Economic Systems
HIST 395	Pan Africanism		
HIST 397	History of South Africa.	ECON 311	Economics of Developing Countries 3
HIST 440	Africa Under Colonial Rule	ECON 341	Environment of Multinational Corporations 3
A	ialization	ECON 411	Economic Theory of Developing Countries 3
Asian Spec	GIIZGIIQII	GEOG 226	Geography of Latin America
At least one o	ourse from:	HIST 135	Introduction to Latin American History
POSC 270	Comparative Politics	HIST 331	Caribbean History I
POSC 311	Politics of Developing Countries 3	HIST 332	Caribbean History II
POSC 312	East Asian Political Systems 3	HIST 334	History of Mexico
POSC 427	Politics in China 3	HIST 335	Colonial Latin America
POSC 428	Politics in Japan	HIST 430	Seminar in 20th Century Latin America 3
POSC 443	China and the World	HIST 477	Studies in Latin American History
	the control of the co		
Any two cour	ses from: Peasant Societies 3		st Specialization
ANTH 225	Peasant Societies 3	At least one	
ANTH 330	Development and Underdevelopment 3	POSC 270	Comparative Politics 3
ECON 305	Comparative Economic Systems	POSC 311	Politics of Developing Nations 3
ECON 311	Economics of Developing Countries	POSC 377	Arab-Israeli Politics 3
ECON 341	Environment of Multinational Corporations 3	POSC 477	Politics of the Arab World
ECON 405	The Planned Economies 3		
ECON 411	Economic Theory of Developing Countries 3	Any two cou	ises nom:
HIST 137	East Asian Civilization: China	ANTH 330	Development and Underdevelopment 3
HIST 138	East Asian Civilization: Japan 3	ECON 305	Comparative Economic Systems 3
HIST 270	History of Modern Asia	ECON-341	Environment of Multinational Corporations 3
HIST 368	History of China 1600-1920 3	HIST 131	Islamic Near East 1500 to Present
HIST 369	History of Japan Since 1900	HIST 377	Islamic Movement
HIST 370	History of Modern Japan	HIST 380	Arab-Israeli Conflict
HIST 390	History of Modern Southeast Asia	Duccia /Ca-	ntral European Specialization
HIST 393	History of Modern Vietnam 3		
HIST 479	Studies in Asian History.		course from: Comparative Politics
	Indian Religion and Philosophy	POSC 270	Comparative Politics 3
PHIL 309	China Palisia and Philosophy	POSC 372	East Central European Politics
PHIL 310	Chinese Religion and Philosophy 3	POSC 412	Foreign Policy of Post-Soviet Union 3
		POSC 432	Political System Post-Soviet Union 3
			•

Any two cour	ses from:			
ANTH 225	Peasant Societies		adoquia contra	3
ECON 305	Comparative Economic Systems			3
ECON 405	The Planned Economies			
GEOG 454	New Europe: Culture, Geopolitics, Milieu		en de la companya de	3
HIST 358	Russian History, 1801-1917			
HIST 359	Soviet Russia, 1917-1990			
ELECTIVE	S			
After required	courses are completed, sufficient elective cr	edits m	ust be	

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF 124

PSYCHOLOGY

Psychology is a biological, behavioral, social, and applied science, whose theories are integral to an understanding of ourselves and our place in the world.

The Department of Psychology provides students with an understanding of the principles of behavior, of the scientific methods used to derive and add to those principles, and of appropriate ways in which to apply such knowledge. Experimental psychology seeks to isolate in the laboratory the basic processes involved in neural systems, learning, perception, social behavior, personality development, thinking, etc. Applied psychology focuses on methods used to approach problems in settings such as industry, government, and the general community, as well as in the field of mental health. The many aspects of theoretical, experimental and applied psychology are represented in the introductory and 300-level courses, and more advanced courses enable students to pursue special interests in greater depth. Many courses offer experience in laboratory or field research. Laboratory experiences include the study of cognitive, learning, perceptual, physiological, and social processes, and the investigation of clinically interesting phenomena. Facilities are also available, both on campus and at nearby institutions, for computer modeling of psychological processes and for data analysis.

In addition to a B.A. degree with a major in psychology, an interdepartmental major between psychology and biology with an emphasis on neuroscience is also available. Students first learn the fundamentals of biology and psychology and then concentrate on courses that examine the structure and function of the nervous system and its relationship to behavior. Detailed instructions regarding an interdepartmental major are available from the Department or the Arts and Science Advisement Center and Dean's Office.

DEGREE: BACHELOR OF ARTS MAJOR: PSYCHOLOGY

MAJOR:	PSYCHOLOGY	
CURRICULUI	W	CREDITS
See page	56 for University and College requirements.	
MAJOR R	EQUIREMENTS	
Within the	Department	4.15
PSYC 201 Note that level PSYC PSYC 309 Note that fulfilled; P 390, 310 PSYC 415 PSYC 415	General Psychology PSYC 201 is a prerequisite for all of the required higher Courses Measurement and Statistics PSYC 309 must be taken after the MATH requirement is SYC 309 is a prerequisite for PSYC 350, 370, 380, 3, 312, 340. History and Systems of Psychology must be taken after the student has completed the 300- se requirements	
One of the for PSYC 301 PSYC 303 PSYC 325 PSYC 334	Introduction to Social Psychology	
One of the for PSYC 350	ollowing four courses: Developmental Psychology	

PSYC 370 Research in Personality PSYC 380 'Psychopathology PSYC 390 Social Psychology Credit for the lower (e.g., PSYC 325) and higher (PSYC 350) level versions of these courses may not both be counted toward the 30 credit major. Both versions may be counted toward the 124 credits for the B.A., but if both are taken only credit for the lower numbered version will count toward the major. FOR EXAMPLE: If PSYC 325 is taken, PSYC 350 cannot count towards the major. If PSYC 301 is taken, PSYC 370 cannot count towards the major. If PSYC 303 is taken, PSYC 380 cannot count towards the major. If PSYC 303 is taken, PSYC 390 cannot count towards the major. If PSYC 312 Learning and Motivation. PSYC 314 Brain and Behavior PSYC 340 Cognition Two courses at a phone the 400 level	333333333333333333333333333333333333333
Two courses at or above the 400-level however, PSYC 466 and 468 may not be used to fulfill this requirement. Three credits of any Psychology course (except PSYC 301, 303, 325 and 334) ELECTIVES	3
After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.	
CREDITS TO TOTAL A MINIMUM OF	. 124
DECREE PACHELOR OF ARTC	N # NE Z
DEGREE: BACHELOR OF ARTS MAJOR: PSYCHOLOGY EDUCATION	
	CREDITS
See page 56 for University and College requirements. MAJOR REQUIREMENTS	
Within the Department	
PSYC 201 General Psychology	
Note that PSYC 201 is a prerequisite for all of the required higher level PSYC courses	
PSYC 309 Measurement and Statistics Note that PSYC 309 must be taken after the MATH requirement is fulfilled; PSYC 309 is a prerequisite for PSYC 350, 370, 380, 390, 310, 312, 340	3
PSYC 415 History and Systems of Psychology PSYC 415 must be taken after the student has completed the 300- level course requirements.	
One of the following four courses:	
PSYC 301 Personality PSYC 303 Introduction to Social Psychology PSYC 325 Child Psychology PSYC 334 Abnormal Psychology	3
One of the following four courses:	
PSYC 350 Developmental Psychology PSYC 370 Research in Personality PSYC 380 Psychopathology PSYC 390 Social Psychology	3
Credit for the lower (e.g., PSYC 325) and higher (PSYC 350) level versions of these courses may not both be counted toward the 30 credit major. Both versions may be counted toward the 124 credits for the B.A., but if both are taken only credit for the lower numbered version will count toward the major. FOR EXAMPLE:	
If PSYC 325 is taken, PSYC 350 cannot count towards the major. If PSYC 301 is taken, PSYC 370 cannot count towards the major. If PSYC 334 is taken, PSYC 380 cannot count towards the major. If PSYC 303 is taken, PSYC 390 cannot count towards the major.	
Two of the following four courses: PSYC 31°0 Sensation and Perception	3
PSYC 312 Learning and Motivation	3
PSYC 314 Brain and Behavior PSYC 340 Cognition	
Two courses at or above the 400-level however, PSYC 466 and 468 may not be used to fulfill this requirement.	6
Three credits of any Psychology course (except PSYC 301, 303, 325 and 334)	3

Within the College

Twenty-four credits in the following social sciences with at least three credits in each department:				
Anthropology	y course	3		
Economics co	ourse has per many and has a many to the reserve and the reserve and the reserve and the reserve and the second	3		
Geography of	course	3		
History cours	e	3		
	nce course			
• •	al credits selected from the departments listed above			
Professiona	l Studies			
EDST 201	Education in a Multicultural Society			
EDST 304	Educational Psychology – Social Aspects	3		
EDST 305	Educational Psychology - Cognitive Aspects	3		
HIST 491	Planning a Course of Instruction			
HIST 493	Seminar: Problems in Teaching History and Social Sciences	3		
EDST 420	Reading in the Content Areas			
EDDV 400	Student Teaching	1		

To be eligible to student teach, Psychology Education students must have a g.p.a. of 3.0 in their major and an overall g.p.a. of 2.75. Students should consult the teacher education program coordinator (see list on p. 155) to obtain the student teaching application and other information concerning student teaching policies

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.

CREDITS TO TOTAL A MINIMUM OF 124

REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

A minor in psychology requires 18 credits including PSYC 201; PSYC 309; one course chosen from PSYC 301, 303, 325, or 334; one course chosen from PSYC 310, 312, 314, or 340; one course chosen from PSYC 350, 370, 380, or 390; AND any three credits in psychology (with the following restrictions):

If PSYC 301 is taken, PSYC 370 may not be counted for the minor. If PSYC 303 is taken, PSYC 390 may not be counted for the minor. If PSYC 325 is taken, PSYC 350 may not be counted for the minor. If PSYC 334 is taken, PSYC 380 may not be counted for the minor.

RELIGIOUS STUDIES

The Religious Studies Minor is described as "Interdisciplinary" because it involves work in three or more different departments. The general requirements include 15 credits from a list of approved courses. These must include PHIL 204 (World Religions) and at least two courses at the 300-level or higher in any of the three departments listed. For enrollment forms, course substitutions or exemptions, or a list of the approved courses, contact Alan Fox, Department of Philosophy, 831-8077, or email at AFOX@BRAHMS.UDEL.EDU.

SOCIOLOGY

The sociology major is designed to provide students, with a broad understanding of the dynamics of society and social relations. The curriculum include core courses in social theory and research methods and emphasizes flexibility by allowing students to design a program that fits their particular needs and objectives. There are also concentrations in Social Welfare, Health Services, Law and Society, and Data Analysis that combine course work with a five-week internship in an organization related to the sudent's specialization.

Field Experience: One important feature of the program is a field experience in the applied urban studies, social welfare, health services, law and society, and data analysis concentrations. Each field experience involves placement of students in various organi-

zations and departments related to their area of interest, including city offices and agencies, hospitals and other health care organizations, human services and welfare agencies, and law offices and research bureaus. These field placement programs are offered during the winter session and involve four hours of pass/fail course credit. This credit is considered part of the student's related studies requirement.

Over a five-week period students are placed in the field between 120 and 180 hours, depending upon the nature of the work and the need of the student. In addition, students in each field placement meet in a two-hour weekly seminar (for five weeks) to discuss and analyze their experiences.

Advantages of the Program

- While all students will receive a B.A. degree in sociology, this
 program provides preprofessional training within selected areas of
 the student's choice.
- The program offers future job-related experience with academic supervision and for academic credit
- It includes certification of these concentrations by the department, which may be beneficial in obtaining employment.
- 4. It offers increased flexibility for the student by allowing choices among various focused, directed concentrations.

DEGREE: BACHELOR OF ARTS MAJOR: SOCIOLOGY	
CURRICULUM	CREDITS
See page 56 for University and College requirements.	
MAJOR REQUIREMENTS	
Within the Department	
SOCI 201 Introduction to Sociology SOCI 301 Introduction of Sociological Research SOCI 312 Theories of Society Seven Sociology courses No more than 12 credits at the 200-level. At least 6 credits must be at the 400-level or higher, but cannot be fulfilled with 400-level directed study courses (466)	
Within the College	
Five courses in related subjects chosen in consultation with the advisor, normally from among the following departments: Eco- nomics, Black American Studies, Criminal Justice, Geography, History, Philosophy, Political Science and International Relations, Psychology, and Statistics	15

ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree

CREDITS TO TOTAL A MINIMUM OF...... 124

CREDITS

DEGREE: BACHELOR OF ARTS MAJOR: SOCIOLOGY CONCENTRATION: SOCIAL WELFARE

CURRICULUM
See page 56 for University and College requirements.
MAJOR REQUIREMENTS
Within the Department
SOCI 201 Introduction to Sociology

SOCI 308 The Family 3	SOCI 345 Sociology of Law 3
SOCI 346 Sociology of Aging 3	SOCI 456 Lawyers and Society
SOCI 361 Race, Power and Social Conflict	Any five other courses in Sociology
SOCI 448 Community Based Treatment 3	Suggested courses for the study of family/gender include:
No more than 12 credits at the 200-level. At least 6 credits must be at	Suggested courses for the study of family/gender include: SOCI 202 Social Deviance 3
the 400-level or higher, but cannot be fulfilled with 400-level directed	SOCI 213 Men and Women in American Society 3
study courses (466).	SOCI 303 Juvenile Delinquency 3
SOCI 441 Social Welfare Practicum and Seminar. 4	SOCI 308 The Family
This course is required but does not count as part of the thirty Sociology	SOCI 330 Population, Law and Society
credits for the major	SOCI 407 Sociology of Sex and Gender
Related Work	Suggested courses in the organization/work area:
Eleven additional credits of related work are required and may include	Suggested courses in the organization/work area: SOCI 327 Sociology of Organizations 3
the following:	SOCI 330 Population, Law and Society 3
POSC 411 Politics and Poverty 3	SOCI 355 Computers, Ethics and Society
PSYC 301 Personality 3	SOCI 428 Corporate Crime
PSYC 322 Psychology of Adjustment 3	SOCI 450 Political Sociology 3
PSYC 325 Child Psychology	No more than 12 credits at the 200-level. At least 6 credits must be at
PSYC 334 Abnormal Psychology 3	the 400-level or higher, but cannot be fulfilled with 400-level directed
EDCE 334 Experiential Education 3	study courses (466)
IFST 235 Survey in Child and Family Services	SOCI 495 Law and Society Practicum and Seminar 4
or	This course is required but does not count as part of the thirty Sociolo-
Other courses chosen with the approval of the advisor.	gy credits for the major
ELECTIVES	
After required courses are completed, sufficient elective credits must be	Related Work
taken to meet the minimum credit requirement for the degree.	Twelve credits from the following courses are recommended:
er en	CRJU 320 Introduction to Criminal Law 3
CREDITS TO TOTAL A MINIMUM OF 124	CRJU 347 The Jury: Guilty or Not Guilty 3
	CRIU 357 Seminar on the Police
	CRIU 425 Criminal Law and Social Policy 3
DEGREE: BACHELOR OF ARTS	CRJU 4xx Contemporary Debates 3 POSC 402 Civil Liberties I 3
MAJOR: SOCIOLOGY	POSC 404 The Judicial Process
CONCENTRATION: HEALTH SERVICE	POSC 405 Constitutional Law of the U.S.
	POSC 406 Civil Liberties II.
CURRICULUM CREDITS	PHIL 201 Social and Political Philosophy 3
See page 56 for University and College requirements.	PHIL 446 Philosophy of Law 3
MAJOR REQUIREMENTS	HIST 301 The Worker in American Life 3
Within the Department	HIST 309 U.S. Business and Political Economy 3
SOCI 201 Introduction to Sociology 3	A second writing course in any department
SOCI 301 Introduction of Sociological Research 4	A course in oral communication is suggested.
SOCI 310 Sociology of Health Care 3	
SOCI 311 Hospitals 3	ELECTIVES
SOCI 312 Theories of Society 3	After required courses are completed, sufficient elective credits must be
And five additional Sociology courses 15	taken to meet the minimum credit requirement for the degree
(SOCI 341 and 348 recommended for those interested in medical	
social work)	CREDITS TO TOTAL A MINIMUM OF 124
No more than 12 credits at the 200-level. At least 6 credits must be at	
the 400-level or higher, but cannot be fulfilled with 400-level directed	
study courses (466)	DEGREE: BACHELOR OF ARTS
SOCI 410 Health Services Practicum and Seminar 4	MAJOR: SOCIOLOGY
This course is required but does not count as part of the thirty Sociology	CONCENTRATION: DATA ANALYSIS
credits for the major	CURRICUIUM CREDITS
Related Work	See page 56 for University and College requirements.
Eleven additional credits of related work are required and	MAJOR REQUIREMENTS
will be selected in consultation with the student's advisor Departments	Within the Department
offering courses filling the needs of health concentration students	SOCI 201 Introduction to Sociology
include Anthropology, Business Administration, Center for Science	SOCI 301 Introduction of Sociological Research 4
and Culture, Economics, Individual and Family Studies, Philosophy,	SOCI 312 Theories of Society
Psychology, and Women's Studies	SOCI 401 Advanced Sociological Methods 3
ELECTIVES	SOCI 411 Techniques of Demographic Analysis 3
After required courses are completed, sufficient elective credits must be	SOCI 414 Data Analysis 3
taken to meet the minimum credit requirement for the degree	Any five other courses in Sociology
	No more than 12 credits at the 200-level. At least 6 credits must be at
CREDITS TO TOTAL A MINIMUM OF 124	the 400-level or higher, but cannot be fulfilled with 400-level directed
	study courses (466)
DEGREE: BACHELOR OF ARTS	SOCI 412 Practicum 4
MAJOR: SOCIOLOGY	This course is required but does not count as part of the thirty-three Sociology credits for the major.
CONCENTRATION: LAW AND SOCIETY	
	Related Work
CURRICULUM CREDITS	STAT 201 Introduction to Statistics I
See page 56 for University and College requirements.	STAT 202 Introduction to Statistics II
MAJOR REQUIREMENTS	Nine additional credits chosen from the following:
	GEOG 250 Computer Methods in Geography 4
Within the Department	GEOG 470 Computer Cartography 4
SOCI 201 Introduction to Sociology	PHIL 245 Ethical Issues in Scientific Research 3
SOCI 301 Introduction of Sociological Research 4 SOCI 312 Theories of Society 3	PHIL 320 Theory of Knowledge
AUGUAL I I I I I I I I I I I I I I I I I I I	

ECON 422 STAT 418 STAT 420	Econometric Methods and Models I Sampling Methods Data Analysis and Nonparametric Statistics	
ELECTIVE After required taken to meet	ES d courses are completed, sufficient elective credits must be the minimum credit requirement for the degree	•
CREDITS T	O TOTAL A MINIMUM OF	124
	BACHELOR OF ARTS OCIOLOGY EDUCATION	
CURRICULUA	۸	CREDIT
See page 5	6 for University and College requirements.	
MAJOR RI	EQUIREMENTS	
Within the l	Department	
SOCI 201		3
SOCI 301 SOCI 312	Introduction of Sociological Research	4
Seven Social	Theories of Society ogy Courses	21
No more than	n 12 credits at the 200-level. At least 6 credits must be at	7.
	or higher, but cannot be fulfilled with 400-level directed	- "
study courses	(466)	
Related Wo		
Twenty-tour ci	redits in the following social sciences with at credits in each department	24
Anthropology	course	
Economics co	ourse	3
	ourse	
Political Scien	oce course.	3
PSYC 201	General Psychology	
Six additiona	I credits selected from the departments listed above	
Professional	Studies	
EDST 201	Education in a Multicultural Society	3
EDST 304	Educational Psychology - Social Aspects	3
EDST 305 EDST 420	Educational Psychology – Cognitive Aspects Reading in the Content Areas	3
HIST 491	Planning a Course of Instruction	
HIST 493	Seminar: Problems in Teaching History and Social Science	es 3
EDDV 400	Student Teaching	9
g.p.a. of 3.0 consult the tec	to student teach, Sociology Education students must have in their major and an overall g.p.a. of 2.75. Students shoucher education program coordinator (see list on p. 155) to dent teaching application and other information concerning policies.	iuld to
CREDITS TO	O TOTAL A MINIMUM OF	124

REQUIREMENTS FOR A MINOR IN SOCIOLOGY

The minor in sociology requires SOCI 201 plus 15 credits in sociology, with at least 9 credits at or above the 300-level SOCI 301 or 312 is required or an equivalent course in another social science discipline, such as PSYC 309, 405, ECON 422, 426, STAT 205, POSC 302, 434 or 435.

CRIMINAL JUSTICE

The program is structured around a core of criminal justice courses on such topics as law enforcement, the judicial process, juvenile justice, corrections, and the criminal law. The Criminal Justice curriculum includes courses in political science, psychology, and at least one foreign language, as well as in sociology.

Students may become criminal justice majors in one of two ways. First, any incoming freshman or transfer student may choose criminal justice as a major. These students are expected to demonstrate both the ability and the commitment to perform well in all of their course work. Those who do not should meet with their advisor to discuss ways to improve their study skills and/or the possibility of

selecting another major. Second, matriculated students who have already declared another major or who presently are undeclared may transfer into the Criminal Justice Program after they have completed a minimum of 30 credit hours if their overall cumulative average at the University of Delaware is at least 2.3.

	BACHELOR OF ARTS CRIMINAL JUSTICE	
CURRICULU!	M	CREDITS
See page !	56 for University and College requirements.	
MAJOR R	EQUIREMENTS	
Within the	Department	
CRJU 110 CRJU 201 CRJU 202 CRJU 203 Criminal Just		3 3 3
Within the	College	
SOCI 201 SOCI 301 POSC 105 PSYC 201	Introduction to Sociology Introduction of Sociological Research The American Political System General Psychology	
One of the for PSYC 301 PSYC 303 PSYC 325 PSYC 334	Illowing four courses: - Personality Introduction to Social Psychology Child Psychology Abnormal Psychology	3
One of the for POSC 402 POSC 405 POSC 406	ollowing three courses: Civil Liberties I Constitutional Law of the United States Civil Liberties II	
ELECTIVE After required taken to mee	CS d courses are completed sufficient elective credits must be t the minimum credit requirement for the degree.)
CREDITS T	O TOTAL A MINIMUM OF	124

DOUBLE MAJOR OR INTERDEPARTMENTAL MAJOR

Double Major: With the permission of the dean of the college and the department chair a student may elect to fulfill requirements for two majors such as criminal justice and English (for a career in journalism), criminal justice and chemistry (for a career in forensic science), criminal justice and political science (for a career in court administration), criminal justice and psychology (for a career in corrections), or criminal justice and sociology (for a career in related fields).

STATISTICS

(See Mathematical Sciences)

THEATRE

The B.A. in Theatre Production is designed for those students who are interested in learning about the production areas of the theatre, i.e., Costume Production, Stage Management and Technical Production, and who desire the opportunity to explore these production areas through the prescribed course work and laboratory experiences of a major. Students' practical experiences in the production areas described above will include participating in the production of plays of the Professional Theatre Training Program (a graduate-level conservatory).

The Theatre Department also offers a theatre minor designed to deepen the student's appreciation of the theatre as a liberal art. The courses are designed to give the student a foundation in the viewing of theatre, as well as the art and craft of the theatre.

The Theatre Department also provides the University with a variety of general education courses in theatre designed to expand appreciation for, and future participation in, theatre. Students interested in performance opportunities should contact one of the amateur theatre groups on campus: E-52, Harrington Theatre Arts, Bacchus Players, or Black Student Theatre.

DEGREE: BACHELOR OF ARTS MAJOR: THEATRE PRODUCTION CREDITS See page 56 for University and College requirements. MAJOR REQUIREMENTS Within the Department Introduction to Performance
Introduction to Theatre
Introduction to Theatre Production
Introduction to Theatre Design
Introduction to Costuming for the Stage
Theatre Practicum for Majors THEA 102 **THEA 104** THEA 200 **THEA 202 THEA 203 THEA 407** Six credits from the following: Select two three-credit courses: Fundamentals of Stagecraft THEA 300 Fundamentals of Stage Lighting 3
Fundamentals of Costume Production 3 THEA 302 **THEA 305** Or other courses as approved by advisor. Within the College Six credits from the following: ENGL 208 Introduction to Drama ENGL 324 Shakespeare Other courses as approved by advisor **ELECTIVES** After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree. Additional credits in the major may be taken, not to exceed a total of 45 credits in the major. CREDITS TO TOTAL A MINIMUM OF 124 **REQUIREMENTS FOR MINOR IN THEATRE** THEA 104 Introduction to Theatre

THEA 226 Fundamentals of Acting 3 Theatre Electives at the 200-level 6 Theatre Electives at the 300-level 6

WOMEN'S STUDIES

The Women's Studies Interdisciplinary Program is designed to foster in students a knowledge of the rich heritage, challenges, and concerns of women. In addition to being a unique field of study with its own philosophies, methodologies, and materials, both the major and the minor in Women's Studies provide vehicles for reexamining the traditional scholarly disciplines in order to identify and correct misinformation and unexamined assumptions about "women's place" in human history. In so doing, the lives of racially and ethnically diverse men and women are examined in new and more humanistic ways, enhancing an awareness of the interplay of gender, race, and class.

TOTAL CREDITS...... 18

This program offers introductory core courses, upper-division courses, seminars, and colloquia. An internship is also available which provides students an opportunity to integrate what they have learned in the classroom with the practical competencies which can only be gained from actual experience. Both the courses and the internship introduce and analyze areas of scholarship and knowledge which have largely been excluded from conventional disciplines

In addition to a B.A. degree in Women's Studies, interdepartmental majors, double majors, and an Honors Degree are options. No minimum grade point average is required to begin, but students must not be on probation at the time

DEGREE: BACHE MAJOR: WOME		
CURRICULUM		CREDITS
See page 56 for U	niversity and College requirements.	
MAJOR REQUIRI	EMENTS	
Within the Departm	nent	
Introductory Cour		
WOMS 201	Introduction to Women's Studies Introduction to Feminist Theory	
WOMS/PHIL 216		/ J
	rements - Humanities s Studies courses cross-listed with History and/or	
humanities departm cross-listed with WO	ents chosen from the following list (only sections	
WOMS 203/PHIL 20	2 Contemporary Moral Problems	
WOMS/PHIL 210 WOMS/ENGL 214	Women and Religion Literature and Gender	
	40 Women and Art	
WOMS/EDST/HIST 2		
WOMS/ARSC 293 WOMS/HIST 300	Honors Short Course Women in American History	
WOMS/ENGL 318	Studies in Film	
WOMS/POSC 323	Introduction to Women and Politics	
WOMS/FLIT 324 WOMS/FLIT 325	Topics: French Literature in Translation Topics: German Literature in Translation	
WOMS/FLLT 325	Topics: Hispanic Literature in Translation	3
WOMS/FLLT 330	Varying Authors, Themes, and Movements	
WOMS/PHIL 338	Topics in Philosophy and Gender Women Writers	3
WOMS/ENGL 380 WOMS/ENGL 381	Women in Literature	3
WOMS/ENGL 382	Studies in Multicultural Literature in English	3
WOMS/HIST 409	Varieties of Modern Feminism Problems in American Government	
WOMS/POSC 413 WOMS/ENGL 465	Studies in Literature Genres, Types, and Movement	is 3
WOMS/HIST 473	Studies in Early Modern European History	3
WOMS/ENGL 480	Seminar	3
Social Sciences		
	s Studies courses or courses cross-listed with rtments chosen from the following list:	
WOMS/SOCI 206	Women and Work	3
WOMS/SOCI 211	Men, Conflict, and Social Change	
WOMS/SOCI 213 WOMS/LING 222	Men and Women in American Society Language and Gender	3
WOMS 240	Women and Violence	
WOMS/PSYC 333	Psychology of Women	
WOMS/CRIU 350 WOMS/ANTH 363	Women and Criminal Justice Women in Cross-cultural Perspective	
WOMS/IFST 401	Foundations of Human Sexuality	3
WOMS/SOCI 407	Sociology of Sex and Gender	3
WOMS/SOCI 415 WOMS/IFST 430	Race, Class, and Gender Teaching Family Life	3
WOMS/SOCI/GEOG	3/IFST 460 Women in International Developmen	t 3
WOMS/SOCI 607	Sociology of Sex and Gender	
Science-Related Co		
	NS science-related courses chosen from the following	
WOMS/CSCC 233 WOMS/ANTH 305	Women, Biology, and Medicine The Evolution of Human Sex Roles and Reproduction	on 3
WOMS/CSCC/PHIL:		
Women's Studies I	ilective Requirements	
	s in courses in Women's Studies or cross-listed	
	es. These may include, but are not limited to, Women's Studies Humanities, Social Sciences,	
	Courses, which have not been used to satisfy	
those requirements		
ELECTIVES		
	are completed, sufficient elective credits must be	
	mum credit requirement for the degree	
CREDITS TO TOTA	AL A MINIMUM OF	124
·		

HONORS BACHELOR OF ARTS: WOMEN'S STUDIES

The recipient must complete:

- 1. All requirements for the Bachelor of Arts degree in Women's Studies
- 2. All of the University's generic requirements for the Honors Baccalaureate degree (see page 30 of this catalog).

The Honors credits required in the major must be in courses in Women's Studies or courses cross-listed with Women's Studies.

REQUIREMENTS FOR A MINOR IN WOMEN'S STUDIES

A minimum of 18 credit hours is required, which must include the following:

	CICEDITO
WOMS 201 Introduction to Women's Studies	3
Two courses in WOMS or cross-listed with WOMS at or above	the 300-level 6
Three elective governs in MOAAS or areas listed with MOAAS	0

Note: No more than 9 credits may be taken in any one department. No more than 6 credits in WOMS experimental courses (x67-numbered) may be counted toward the 18-credit requirement.

A minimum grade of C- is required in each course.