REPORT: COMMITTEE ON CURRICULA AND COURSES
(For consideration by the Faculty Senate at its November 1, 2017 meeting.)

Per the USC Policies and Procedures Manual - Academic Affairs section ACAF 2.00 and 2.03 Appendices, any department which has a proposal being recommended by the Committee on Curricula and Courses must have a representative in attendance at the Faculty Senate meeting in which said proposal is to be recommended.

Please contact Chair John Gerdes (Integrated Technology) in advance of Faculty Senate meeting if errors are noted, either by phone: 777-8529 or e-mail: jgerdes@sc.edu

(Please note: All new courses are effective upon approval. Other approvals are effective in the 2018–2019 Bulletin)

1. COLLEGE OF ARTS AND SCIENCES
   A. Department of Environmental Studies
   Change to Major/Degree Program – BA in Environmental Studies 120 Credit Hours

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<th>Existing Program</th>
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### Selected Courses with Advisor Approval (9-10 hours)

Students, in consultation with their advisor, will develop a program of study to meet their educational goals in environmental studies courses. No more than 2 courses should be selected from a single discipline. The list of courses from which students may select their additional 9-10 hours, in consultation with their advisor, includes:

- ANTH 208 - Anthropology of Globalization and Development
- ANTH 212 - Food and Culture
- ANTH 213 - Ethnobotany: Plants and Peoples
- ANTH 513 - Anthropological Ethnobotany
- ANTH 525 - Ethnoecology
- ANTH 569 - Environment and Development
- BIOL 524 - Mycology
- BIOL 525 - Marine Plants
- BIOL 526 - The Fall Flora
- BIOL 527 - The Spring Flora
- BIOL 528 - The Summer Flora
- BIOL 534 - Animal Behavior
- BIOL 536 - Ichthyology
- BIOL 570 - Principles of Ecology
- BIOL 575 - Marine Ecology
- ECON 500 - Urban Economics
- ECON 508 - Law and Economics
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- ENHS 592 - Advanced Special Topics in Environmental Health
- ENHS 660 - Concepts of Environmental Health Science
- ENHS 662 - Industrial Health Programs
- ENHS 665 - Biofilms in Environmental Health and Disease
- ENHS 670 - Environmental Pollutants and Human Health
- ENHS 671 - From Air to Alveoli: Exposure Science
- ENHS 675 - Infectious Disease Ecology
- ENVR 399 - Independent Study
- ENVR 500 - Environmental Practicum
- ENVR 501 - Special Topics in the Environment
- ENVR 548 - Environmental Economics
- ENVR 571 - Conservation Biology
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- ECON 509 - Economics of Sustainable Development

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Students, in consultation with their advisor, will develop a program of study to meet their educational goals in environmental studies courses. No more than 2 courses should be selected from the ENVR courses below, if not ENVR courses, then no more than 2 courses should be selected from a single discipline. The list of courses from which students may select their additional 9-10 hours, in consultation with their advisor, includes:

- ENVR 295 - Green Technology in Germany
- ENVR 321 - Environmental Pollution and Health
- ENVR 322 - Environmental Ethics
- ENVR 323 - Global Environmental Health
- ENVR 331 - Integrating Sustainability
- ENVR 399 - Independent Study
- ENVR 460 - Congaree National Park: Field Investigations in Environmental Science
- ENVR 490 - Special Topics in Sustainability and the Environment
- ENVR 499 - Research in Environmental Science
- ENVR 500 - Environmental Practicum
- ENVR 501 - Special Topics in the Environment
- ENVR 531 - Sustainability Management and Leadership Strategies
- ENVR 548 - Environmental Economics
- ENVR 571 - Conservation Biology
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<td>The American Chief Executive</td>
</tr>
<tr>
<td>POLI 465</td>
<td>Psychology and Politics</td>
</tr>
<tr>
<td>POLI 470</td>
<td>Federalism and Intergovernmental Relations</td>
</tr>
<tr>
<td>POLI 477</td>
<td>Green Politics</td>
</tr>
<tr>
<td>POLI 478</td>
<td>Environmental Policy</td>
</tr>
<tr>
<td>PSYC 487</td>
<td>Community Psychology</td>
</tr>
<tr>
<td>SOCY 308</td>
<td>Community Organization</td>
</tr>
<tr>
<td>SOCY 310</td>
<td>Social Demography</td>
</tr>
<tr>
<td>SOCY 311</td>
<td>Ecology of Human Social Systems</td>
</tr>
<tr>
<td>SOCY 315</td>
<td>Global Population Issues</td>
</tr>
<tr>
<td>SOCY 514</td>
<td>Urbanization</td>
</tr>
</tbody>
</table>
Change to Major/Degree Program – BS in Environmental Science  
128 Credit Hours

Existing Program

Selected Courses with Advisor Approval (17-18 Hours)

Students, in consultation with their assigned advisor, must develop a program of study which either provides a broad set environmental science courses or allows students to focus in a defined area. Given the current course offerings and faculty expertise at the University, if a student wanted to focus their elective course work, possible areas include: Natural Systems, Climate and Weather, Water Resources, Energy, or Humans and the Environment. All Students’ selective courses should include at least 2 courses taken at the 500 level, no more than 3 should be from a single discipline and no more than one Research Methods course.

Change Program

Selected Courses with Advisor Approval (17-18 Hours)

Students, in consultation with their assigned advisor, must develop a program of study which either provides a broad set environmental science courses or allows students to focus in a defined area. Given the current course offerings and faculty expertise at the University, if a student wanted to focus their elective course work, possible areas include: Natural Systems, Climate and Weather, Water Resources, Energy, or Humans and the Environment. All Students’ selective courses should include at least 2 courses taken at the 400 level. All courses may be selected from ENVR designator classes, but if not ENVR classes, then no more than 3 should be from a single discipline and no more than one Research Methods course.

Existing Electives

Courses Acceptable for Major Credit:  
From the Environment and Sustainability Program:

- ENVR 321 - Environmental Pollution and Health
- ENVR 490 - Special Topics in Sustainability and the Environment
- ENVR 499 - Research in Environmental Science
- ENVR 500 - Environmental Practicum
- ENVR 501 - Special Topics in the Environment
- ENVR 572 - Freshwater Ecology

Change Electives

Courses Acceptable for Major Credit:  
From the Environment and Sustainability Program:

ENVR 321 - Environmental Pollution and Health
ENVR 323 - Global Environmental Health
ENVR 331 - Integrating Sustainability
ENVR 399 - Independent Study
ENVR 460 - Congaree National Park: Field Investigations in Environmental Science
ENVR 490 - Special Topics in Sustainability and the Environment
ENVR 499 - Research in Environmental Science
ENVR 500 - Environmental Practicum
ENVR 501 - Special Topics in the Environment
ENVR 531 - Sustainability Management and Leadership Strategies
ENVR 571 - Conservation Biology
ENVR 572 - Freshwater Ecology
## B. Department of Film and Media Studies

### Change to Minor – Film and Media Studies Minor

<table>
<thead>
<tr>
<th>Existing Cognate</th>
<th>Change Cognate</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Required Course (6 Hours)</strong></th>
<th><strong>Required Courses (6 Hours)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>- FAMS 240 - Introduction to Film and Media Studies</td>
<td>- FAMS 240 - Film and Media Analysis</td>
</tr>
<tr>
<td>- FAMS 300 - Film and Media History</td>
<td>- FAMS 300 - Film and Media History</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Electives (12 Hours)</strong></th>
<th><strong>Electives (12 Hours)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 4 courses from the following:</td>
<td>Broaden and focus your understanding of film and media by selecting 4 additional FAMS courses numbered 301 or above. Additional (non-FAMS) courses may used as electives when approved by the Director of Film and Media Studies.</td>
</tr>
<tr>
<td>- ANTH 203 - Comparing Cultures Through Film</td>
<td>- FAMS 301 - Media, Power, and Everyday Life</td>
</tr>
<tr>
<td>- ANTH 516 - Indonesian Culture Through Film</td>
<td>- FAMS 308 - Global Media Industries</td>
</tr>
<tr>
<td>- ANTH 517 - An Anthropological View of Blacks in Film</td>
<td>- FAMS 310 - Special Topics in Popular Media</td>
</tr>
<tr>
<td>- ANTH 570 - Ethnographic Film</td>
<td>- FAMS 311 - Classical Hollywood Cinema</td>
</tr>
<tr>
<td>- FAMS 470 - Genre Studies in Film and Media</td>
<td>- FAMS 316 - Music in the Hollywood Film</td>
</tr>
<tr>
<td>- FAMS 473 - Film and Media Theory and Criticism</td>
<td>- FAMS 325 - Superheroes across Media</td>
</tr>
<tr>
<td>- FAMS 510 - Special Topics in Film and Media Histories</td>
<td>- FAMS 328 - The Blockbuster</td>
</tr>
<tr>
<td>- FAMS 511 - Special Topics in Film and Media Studies</td>
<td>- FAMS 330 - Special Topics in Non-Film Media</td>
</tr>
<tr>
<td>- FAMS 555 - Documentary Film and Media Studies</td>
<td>- FAMS 332 - American Television</td>
</tr>
<tr>
<td>- FAMS 566 - Special Topics in U.S. Film and Media</td>
<td>- FAMS 338 - British Television Industry</td>
</tr>
<tr>
<td>- FAMS 597 - Special Topics in Comparative Studies in Film and Media</td>
<td>- FAMS 360 - Special Topics in Global Media</td>
</tr>
<tr>
<td>- FAMS 598 - Special Topics in Global Film and Media</td>
<td>- FAMS 361 - Middle East on Screen</td>
</tr>
<tr>
<td>- FREN 397 - The French Film Experience</td>
<td>- FAMS 363 - Hong Kong Action Cinema</td>
</tr>
<tr>
<td>- GERM 580 - Topics in German Film</td>
<td>- FAMS 365 - Screening China</td>
</tr>
<tr>
<td>- ITAL 412 - Post-World War II Italian Cinema</td>
<td>- FAMS 380 - Special Topics in Alternative Media</td>
</tr>
<tr>
<td>- JAPA 350 - Japanese Culture and Society through Film</td>
<td>- FAMS 381 - History of Experimental Film</td>
</tr>
<tr>
<td>- MART 371 - The Moving Image</td>
<td>- FAMS 383 - Documentary</td>
</tr>
<tr>
<td>- MART 490 - Special Topics in Media Arts</td>
<td>- FAMS 399 - Independent Study</td>
</tr>
<tr>
<td>- MART 590 - Special Topics in Media Arts</td>
<td>- FAMS 470 - Genre Studies in Film and Media</td>
</tr>
<tr>
<td>- PHIL 341 - Philosophy and Film</td>
<td>- FAMS 499 - Internship</td>
</tr>
<tr>
<td>- POLI 357 - Film, Politics, and Social Change</td>
<td>- FAMS 510 - Special Topics in Film and Media Histories</td>
</tr>
<tr>
<td>- POLI 362 - Politics and the Mass Media</td>
<td>- FAMS 511 - Special Topics in Film and Media Studies</td>
</tr>
<tr>
<td>- SPAN 380 - Hispanic Film and Culture</td>
<td>- FAMS 566 - Special Topics in U.S. Film and Media</td>
</tr>
<tr>
<td>- THEA 575 - Rehearsal and Performance</td>
<td>- FAMS 581 - Critical Interactives</td>
</tr>
<tr>
<td>- THEA 581 - Film as Performance</td>
<td>- FAMS 598 - Special Topics in Global Film and Media</td>
</tr>
<tr>
<td>- THEA 587 - Film and Television Acting</td>
<td></td>
</tr>
</tbody>
</table>

**Note:**

Other special topic courses dealing with film and media studies may also be used, with approval of the major advisor and the director of Film and Media Studies.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAMS 308</td>
<td>Global Media Industries [=GLST 308].</td>
<td>(3) Provides the foundation for the study of globalized film and media industries.</td>
</tr>
<tr>
<td>FAMS 310</td>
<td>Special Topics In Popular Media.</td>
<td>(3) Intensive study of a specific topic in popular film and media. May be repeated as content varies by title.</td>
</tr>
<tr>
<td></td>
<td>Pre- or Co-requisite FAMS 240 or FAMS 300, with a minimum grade of &quot;C.&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pre- or Co-requisite FAMS 240 or FAMS 300, with a minimum grade of &quot;C.&quot;</td>
<td></td>
</tr>
<tr>
<td>FAMS 316</td>
<td>Music and the Hollywood Film.</td>
<td>(3) Examination of how music guides audience interpretation and shapes Hollywood film style.</td>
</tr>
<tr>
<td></td>
<td>Pre- or co-requisite: FAMS 240 or FAMS 300 with a minimum grade of &quot;C.&quot;</td>
<td></td>
</tr>
<tr>
<td>FAMS 325</td>
<td>Superheroes across Media.</td>
<td>(3) Examination of the superhero within and across media, industries, and eras addressing topics such as genre, style, seriality, remediation, franchising, and fandom.</td>
</tr>
<tr>
<td></td>
<td>Pre- or co-requisite: FAMS 240 or FAMS/ENGL 350, with a minimum grade of &quot;C.&quot;</td>
<td></td>
</tr>
<tr>
<td>FAMS 328</td>
<td>The Blockbuster.</td>
<td>(3) Examination of the post-1975 blockbuster film phenomenon with an emphasis on marketing, finance, and reception.</td>
</tr>
<tr>
<td></td>
<td>Pre- or Co-requisite: FAMS 308, with a minimum grade of C.</td>
<td></td>
</tr>
<tr>
<td>FAMS 330</td>
<td>Special Topics in Non-Film Media.</td>
<td>(3) Intensive study of a specific topic concerning a medium or mediums other than film. May be repeated as content varies by title.</td>
</tr>
<tr>
<td></td>
<td>Prereq: FAMS 240 or FAMS 300 with a minimum grade of “C.”</td>
<td></td>
</tr>
<tr>
<td>FAMS 332</td>
<td>American Television.</td>
<td>(3) Examination of American television as an industry, art form, medium of social representation, and set of viewer practices.</td>
</tr>
<tr>
<td></td>
<td>Pre- or Co-requisite FAMS 240 or FAMS 300, with a minimum grade of &quot;C.&quot;</td>
<td></td>
</tr>
<tr>
<td>FAMS 338</td>
<td>Contemporary British Television Industry.</td>
<td>(3) Examination of industrial structures, network histories, production cultures, and regulation contexts of contemporary British television.</td>
</tr>
<tr>
<td></td>
<td>Pre- or Co-requisite: FAMS 308, with a minimum grade of &quot;C.”</td>
<td></td>
</tr>
<tr>
<td>FAMS 360</td>
<td>Special Topics in Global Media.</td>
<td>(3) Intensive study of a specific topic in film and media centered outside the U.S. May be repeated as content varies by title.</td>
</tr>
</tbody>
</table>
Pre- or co-requisite: FAMS 240 or FAMS 300 with a minimum grade of "C."

FAMS 361 Middle East on Screen. (3) Examines representations of the Middle East on screen within multiple media-making traditions and considers their aesthetic, political, and ethical dimensions.

Pre- or co-requisite: FAMS 240 or FAMS 300 with a minimum grade of "C."

FAMS 363 Hong Kong Action Cinema. (3) Survey of the transnational history of Hong Kong action cinema and introduction to critical approaches through which it has been studied.

Pre- or co-requisite: FAMS 240 or FAMS 300 with a minimum grade of "C."

FAMS 365 Screening China [=CHIN 365]. (3) Survey of Chinese language cinema. Chinese film history and vocabulary with which to discuss film texts. Covers classic leftwing cinema, Hong Kong martial arts films, as well as the Hong Kong, Taiwan, and PRC New Waves. Taught in English. Films subtitled.

FAMS 380 Special Topics in Alternative Media. (3) Intensive study of a specific topic concerning film and media forms and/or practices outside the commercial mainstream. May be repeated as content varies by title.

Pre- or co-requisite: FAMS 240 or FAMS 300 with a minimum grade of "C."

FAMS 381 History of Experimental Film. (3) Survey of key examples and tendencies in the history of experimental film.

Pre- or co-requisite: FAMS 240 or FAMS 300 with a minimum grade of "C."

FAMS 499 Internship in Film and Media Studies. (Variable) Supervised professional experience working with media production, distribution, exhibition, archiving, and/or education.

Pre- or co-requisite FAMS 308, with a minimum grade of "C."

Restricted: Contract required

Special Permission: Instructor

FAMS 581 Critical Interactives [=CSCE 571]. (3) Foundational techniques in multidisciplinary software development, specifically of applications designed to present sensitive, sometimes controversial, materials in ways to engender empathic awareness of the interactor.

Restricted to: Permission of instructor required.

Special Permission: Instructor

Impacts: Computer Science and Engineering on the Columbia Campus
**Change Title, Description, Grading System**

From: FAMS 240  
Intro Film and Media Studies. (3) Introduction to the critical study of film and media. Students will closely analyze moving images and develop written arguments about film and media.

To: FAMS 240  
Film and Media Analysis. (3) Interpretation of film, television, and digital media, with particular attention to describing, analyzing, and writing arguments about the design of media works and their cultural impact.

**Change Title, Course Number, Description, Grading System, Prerequisite, Delete Cross Listings**

From: FAMS 473  
Film & Media Theory/Criticism [=ENGL 473] [-PHIL 473]. (3) Theory and criticism of film and media from the 1910s to the present. Considers a range of critical approaches to analyzing what different forms of audio-visual media do to and for the audiences they address and the worlds they depict. Cross-listed Course: ENGL 473, PHIL 473  
Grading System: Standard (Letter Grades with Pass/Fail Option)  
Prereq: FAMS 240 or consent of instructor.

To: FAMS 473  
Media, Power & Everyday Life. (3) Foundational approaches to media as a means of defining and distributing social power in everyday life  
Pre-requisite or co-requisite FAMS 240 or FAMS 300, with a minimum grade of "C."

**Grading System: Standard (Letter Grades Only)**

**Delete Course**

FAMS 597  
Special Topics in Comparative Studies in Film and Media [=CPLT 597]. (3)

**C. Department of History**

**New Course**

HIST 476  
Digital History. (3) Introduction to Digital History that examines ways to engage and adapt the discipline of history to technological trends and explores new approaches and interpretive techniques.

**D. Department of Languages, Literatures and Cultures**

**Change to Major/Degree Program – BA in German**  
120 Credit Hours

**Existing Program Introduction**
German, B.A.

Return to: Programs A-Z

- Learning Outcomes
- Degree Requirements
- Department of Languages, Literatures, and Cultures
- College of Arts and Sciences

**Learning Outcomes**

- Students will demonstrate a level of comprehension of spoken standard German that will facilitate interactive communication in German.
- Students will demonstrate advanced proficiency in understanding the written word.
- Students will demonstrate intermediate to advanced level of proficiency in writing German, i.e. express a wide range of needs, experiences, and ideas in German.
- Students will demonstrate intermediate to advanced level of proficiency in speaking German, i.e. express a wide range of needs, experiences, and ideas in German.
- Students will demonstrate basic skills as well as cultural competency in analyzing German literary texts from a variety of historical periods and literary genres and communicate their insights, both orally and in writing.

**Basic Degree Requirements for Bachelor of Arts Degrees (120 Hours)**

Note: Bachelor of Arts degrees require 120 hours. Bachelor of Fine Arts degrees require additional hours; see Program of Study for major requirements.

1. Carolina Core Plus General Education Requirements
2. Major
3. Cognate or Minor Requirements (optional for BAIS majors)
4. Electives

**1. Carolina Core Plus General Education Requirements**

Note: Bachelor of Fine Arts (BFA) degrees follow General Education Requirements for the BA except where specified in Programs of Study for major requirements.

**CMW: Carolina Core Effective, Engaged and Persuasive Communication: Writing (6 Hours)**

- Must be passed with a grade of C or higher.

**ARP: Carolina Core Analytical Reasoning and Problem-Solving (6-8 Hours)**

**SCI: Carolina Core Scientific Literacy (8 Hours)**

**Specified or additional College of Arts and Sciences Requirement:**

- Two 4-credit hour laboratory science courses.

**GFL: Carolina Core Global Citizenship and Multicultural Understanding: Communicate Effectively in More than One Language (0-9 Hours)**

**Specified or additional College of Arts and Sciences Requirement:**

- Demonstration of proficiency in one foreign language equivalent to the minimal passing grade on the exit examination in the 122 course is required for all baccalaureate degrees. Students can demonstrate this proficiency by successfully completing Phase II of the Proficiency Test or by successfully completing the 122 course, including the exit exam administered as part of that course.

It is strongly recommended that students continuing the study of a foreign language begin college-level study of that language in their first semester and continue in that language until their particular foreign language requirement is completed.

**GHS: Carolina Core Global Citizenship and Multicultural Understanding: Historical Thinking (6 Hours)**

**Specified or additional College of Arts and Sciences Requirement:**

- One Carolina Core GHS-approved course primarily focused on U.S. History: HIST 111, 112, 214, or another GHS-approved course
determined by the College of Arts and Sciences to fit this geographic category and

- One Carolina Core GHS-approved course primarily focused on non-U.S. History: HIST 101, 102, 104, 105, 106, 108, 109, GERM 280, FAMS 300, or another GHS-approved course determined by the College of Arts and Sciences to fit this geographic category.

GSS: Carolina Core Global Citizenship and Multicultural Understanding: Social Sciences (6 Hours)

Specified or additional College of Arts and Sciences Requirement:

AIU: Carolina Core Aesthetic and Interpretive Understanding (3 Hours)

Carolina Core Stand Alone or Overlay Eligible Requirements:

- Up to two of these requirements may be met in overlay courses. At least one of these requirements must be satisfied by a course not applied elsewhere in general education. (3-9 Hours)

CMS: Carolina Core Effective, Engaged, and Persuasive Communication: Speech (3 Hours)

INF: Carolina Core Information Literacy (0-3 Hours)

VSR: Carolina Core Values, Ethics, and Social Responsibility (3 Hours)

Other Required General Education Courses from the College of Arts and Sciences

Fine Arts and Humanities Requirements (9 Hours)

- Bachelor of Arts degrees require 3 Hours in the fine arts. (May be taken as Carolina Core Aesthetic and Interpretive Understanding.)
- Bachelor of Arts degrees require an additional 9 Hours in the fine arts or humanities.

2. German Major (27 Hours)

A minimum grade of C is required in all major courses.

General Option (27 Hours)

- GERM 410 - Advanced German Grammar
- GERM 411 - Advanced Language Practice in German
- One GERM course at the 500-level
- Three GERM courses at the 300-level or above
- One GERM course at 220 or above

Two 400-level literature courses chosen from:

- GERM 420 - Medieval German Literature and Culture
- GERM 430 - German Enlightenment and its Countercurrents
- GERM 440 - German Literature and Culture from 1800-1871
- GERM 450 - German Literature from 1871-1945
- GERM 460 - Post-War and Contemporary German Literature

Note:

Only two GERM courses taught in English may apply to the major. German majors taking a course in English must do some of the readings in German. GERM 398 may be repeated with a different suffix as topics vary.

Teacher Certification Option (38 Hours)

Students pursuing a general major with teaching certification will complete the following courses in addition to the General German Major requirements:

- FORL 472 - Introduction to Technology in Language Education
- FORL 510 - Teaching Second Languages to Young Children
- FORL 511 - Teaching Foreign Languages in Secondary Schools
- EDRD 500 - Content Area Literacy PK-12
Application and Admission

Application and admission to the professional program in education/internship are required for all majors seeking teacher certification. All teacher education candidates must adhere to all education policies and procedures related to clinical experiences and meet University and S.C. Board of Education requirements in order to be recommended for certification. Information is available from academic advisors or the College of Education, Office of Student Affairs, at 803-777-6732.

Note:

Normally, students pursuing the teacher certification option may apply 300 or higher level education courses and/or 300 or higher level FORL courses to the cognate.

3. Cognate or Minor Requirements (12-18 Hours) for B.A. Degrees

Cognate

The cognate is intended to support the course work in the major. The cognate must consist of twelve (12) hours of courses at the advanced level, outside of but related to the major. The cognate may be taken in one or more departments or programs, depending on the interests of the student and the judgment of the advisor.

Courses offered by departments and programs that are acceptable for cognate credit are outlined in the section titled Courses Acceptable for Cognate Credit in Degree Programs in the College of Arts and Sciences.

For cognate course offerings in other colleges, consult the appropriate sections of this bulletin. Some major programs have specific cognate requirements.

It should be emphasized that the cognate is not a second set of elective courses to be chosen at random by the student. The cognate must be approved by the major advisor as being related to the major field of study. Students are urged to consult their major advisors for specific requirements in their major.

Courses applied toward general education requirements cannot be counted toward the cognate.

For Bachelor of Arts degrees, all cognate courses must be passed with a grade of C or higher.

Minor

In place of the cognate a student in the College of Arts and Sciences may choose a minor consisting of at least 18 credit hours of prescribed courses. (Some minors in the sciences require a minimum of 16 hours.) The subject area of the minor may be related to the major. Students pursuing interdisciplinary minors who wish to use courses in their major department for minor credit must petition the College Committee on Scholastic Standards and Petitions for permission to do so.

The minor is intended to develop a coherent basic preparation in a second area of study. It differs from the cognate inasmuch as the courses must be concentrated in one area and must follow a structured sequence. Interdisciplinary minors can be designed with the approval of the assistant dean for academic affairs and advising.

Courses applied toward general education requirements cannot be counted toward the minor. No course may satisfy both major and minor requirements. All minor courses must be passed with a grade of C or higher. At least half of the courses in the minor must be completed in residence at the University.

A list of minor programs of study can be found at Programs A-Z.


No courses of a remedial, developmental, skill-acquiring, or vocational nature may apply as credit toward degrees in the College of Arts and Sciences. The College of Arts and Sciences allows the use of the Pass-Fail option on elective courses. Further clarification on inapplicable courses can be obtained from the College of Arts and Sciences.

Existing Program/Major Requirements: \hspace{1cm} Change Program/Major Requirements:
# 2. German Major (27 Hours)

A minimum grade of **C** is required in all major courses.

## General Option (27 Hours)

- **GERM 410** - Advanced German Grammar
- **GERM 411** - Advanced Language Practice in German
- One GERM course at the 500-level
- Three GERM courses at the 300-level or above
- One GERM course at 220 or above

**Note:**

- Only two GERM courses taught in English may apply to the major.
- German majors taking a course in English must do some of the readings in German. **GERM 398** may be repeated with a different suffix as topics vary.

---

<table>
<thead>
<tr>
<th>Two 400-level literature courses chosen from:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GERM 420</strong> - Medieval German Literature and Culture</td>
</tr>
<tr>
<td><strong>GERM 430</strong> - German Enlightenment and its Countercurrents</td>
</tr>
<tr>
<td><strong>GERM 440</strong> - German Literature and Culture from 1800-1871</td>
</tr>
<tr>
<td><strong>GERM 450</strong> - German Literature from 1871-1945</td>
</tr>
<tr>
<td><strong>GERM 460</strong> - Post-War and Contemporary German Literature</td>
</tr>
</tbody>
</table>

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# 2. German Major (27 Hours)

A minimum grade of **C** is required in all major courses.

## General Option (27 Hours)

- **GERM 340** - Readings in German Literature
- **GERM 410** - Advanced German Grammar
- **GERM 411** - Advanced German Conversation
- One GERM course at the 500-level
- Three GERM courses at the 300-level or above
- One GERM course at 220 or above

**Note:**

- Only two GERM courses taught in English may apply to the major.
- German majors taking a course in English must do some of the readings in German. **GERM 398** may be repeated with a different suffix as topics vary.

---

## Delete Course

**GERM 216** German for Business and Other Professions through the Internet. (3)

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## E. Department of Marine Science

### Change to Concentration/Biological Oceanography 13 Credit Hours

<table>
<thead>
<tr>
<th>Original Program Curriculum</th>
<th>Changes to Program Curriculum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Biological Oceanography**

10 credits total, + 1 more course at the 400-level or above
- BIOL 301 - Ecology and Evolution
- BIOL 302 - Cell and Molecular Biology
- BIOL 303 - Fundamental Genetics
- BIOL 301L - Ecology and Evolution Laboratory or
- BIOL 302L - Cell and Molecular Biology Laboratory

**Biological Oceanography (minimum of 13 hrs)**

7 credits hours plus two additional classes (6 additional hours minimum) as listed below:

**Required:**
- BIOL 301 - Ecology and Evolution and
- BIOL 301L - Ecology and Evolution Laboratory

And Select either:
- BIOL 302 - Cell and Molecular Biology *
- BIOL 303 - Fundamental Genetics

* CHEM 333 is a prerequisite for BIOL 302 and is recommended for those intending to complete postgraduate work in this area of emphasis.

Select two courses from the following list of marine biology, ecology or biology courses, or similar courses as approved by advisor:

- MSCI/BIOL 450 Principles of Biological Oceanography
- MSCI 503/BIOL 502 Environmental Microbiology
- MSCI/BIOL 510 Invertebrate Zoology
- MSCI/BIOL 525 Marine Plants
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSCI/BIOL 535</td>
<td>Fishery Management</td>
</tr>
<tr>
<td>MSCI/BIOL 536</td>
<td>Ichthyology</td>
</tr>
<tr>
<td>MSCI/BIOL 537</td>
<td>Aquaculture</td>
</tr>
<tr>
<td>MSCI/BIOL 538</td>
<td>Behavior of Marine Organisms</td>
</tr>
<tr>
<td>MSCI/BIOL 552</td>
<td>Population Genetics</td>
</tr>
<tr>
<td>MSCI/BIOL 574</td>
<td>Marine Conservation Biology</td>
</tr>
<tr>
<td>MSCI/BIOL 575</td>
<td>Marine Ecology</td>
</tr>
<tr>
<td>MSCI/BIOL 576</td>
<td>Marine Fisheries Ecology</td>
</tr>
<tr>
<td>MSCI/BIOL 577</td>
<td>Ecology of Coral Reefs</td>
</tr>
<tr>
<td>MSCI/BIOL 627</td>
<td>Marine Phytoplankton</td>
</tr>
<tr>
<td>MSCI 496, 497, 498, 499</td>
<td>Undergraduate Research (if biology oriented).</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
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<tr>
<td>MSCI 599</td>
<td>Topics in Marine Science (if biology oriented)</td>
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<tr>
<td>MSCI 566</td>
<td>Ecosystem Analysis</td>
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<tr>
<td>MSCI 578</td>
<td>Physiological and Pollution Ecology of Marine Organisms</td>
</tr>
<tr>
<td>BIOL 302</td>
<td>Cell and Molecular Biology OR</td>
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<tr>
<td>BIOL 303</td>
<td>Fundamental Genetics</td>
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<tr>
<td>BIOL 460</td>
<td>General Physiology</td>
</tr>
<tr>
<td>BIOL 505</td>
<td>Developmental Biology I</td>
</tr>
<tr>
<td>BIOL 534</td>
<td>Animal Behavior</td>
</tr>
<tr>
<td>BIOL 541</td>
<td>Principles of Biochemistry</td>
</tr>
</tbody>
</table>
F. Department of Philosophy

New Course

PHIL 365  Formal Theories of Rationality and Their Philosophical Implications. (3) Formal theories of rationality in the context of decision-making and games; uses of these formal theories to address traditional philosophical issues such as rationality, knowledge, choice, social welfare, cooperation, and communication.

Prereq: Grade of C or higher in any course that satisfies the ARP Carolina Core requirement.

This course impacts: MATH, ECON at USC Columbia

Change Prerequisite

From: PHIL 115  Introduction to Formal Logic II. (3)
Prereq: PHIL 114 or approved equivalent

To: PHIL 115 Introduction to Formal Logic II. (3)

Prereq: Grade of C or higher in PHIL 114 or PHIL 110, or a department-approved equivalent.

G. Department of Political Sciences
New Course
POLI 552 Economic Development Policy. (3) The role government policies have in local and regional differences in economic performance; strategies governments and non-profits use to evaluate economic development policies; topical focus on a range of economic development policies, including land use, infrastructure, workforce development, and education.

H. Department of Religious Studies
New Course
RELG 261 Global Human Religiosity. (3) The human experience and expression of what it means to be religious.

I. Department of Statistics
Change Grading System
From: STAT 112 Statistics and the Media. (3)

Grading System: Standard (Letter Grades with Pass/Fail option)

To: STAT 112 Statistics and the Media. (3)

Grading System: Standard (Letter Grades Only)

Not Auditable

J. School of Visual Art and Design
Change to Major/Degree BA Media Arts 120 Credits

Existing Program Introduction:
Learning Outcomes

- Media Arts students will demonstrate proficiency of technique across a variety of platforms and processes for the creation of media artworks.
- Media Arts students will be able to work individually and in teams to create aesthetically and conceptually sophisticated works of media art.
- Media Arts students will publicly present their work at and beyond the University in screenings, festivals, galleries, conferences, and other forums.
- Media Arts students will be able to identify and analyze the impact of media art as it relates to global media practices and culture.
- Media Arts students will be able to describe and evaluate the relationship between their own artwork and its place in the larger community of artists and practitioners.

Existing College/School Gen Ed or Departmental Requirements:
Basic Degree Requirements for Bachelor of Arts Degrees (120 Hours)

Note: Bachelor of Arts degrees require 120 hours. Bachelor of Fine Arts degrees require additional hours; see Program of Study for major requirements.

1. Carolina Core Plus General Education Requirements
2. Major
3. Cognate or Minor Requirements (optional for BAIS majors)
4. Electives

1. Carolina Core Plus General Education Requirements

Note: Bachelor of Fine Arts (BFA) degrees follow General Education Requirements for the BA except where specified in Programs of Study for major requirements.

CMW: Carolina Core Effective, Engaged and Persuasive Communication: Writing (6 Hours)

- Must be passed with a grade of C or higher.

ARP: Carolina Core Analytical Reasoning and Problem-Solving (6-8 Hours)

SCI: Carolina Core Scientific Literacy (8 Hours)

Specified or additional College of Arts and Sciences Requirement:

- Two 4-credit hour laboratory science courses.

GFL: Carolina Core Global Citizenship and Multicultural Understanding: Communicate Effectively in More than One Language (0-9 Hours)

Specified or additional College of Arts and Sciences Requirement:

- Demonstration of proficiency in one foreign language equivalent to the minimal passing grade on the exit examination in the 122 course is required for all baccalaureate degrees. Students can demonstrate this proficiency by successfully completing Phase II of the Proficiency Test or by successfully completing the 122 course, including the exit exam administered as part of that course.

It is strongly recommended that students continuing the study of a foreign language begin college-level study of that language in their first semester and continue in that language until their particular foreign language requirement is completed.

GHS: Carolina Core Global Citizenship and Multicultural Understanding: Historical Thinking (6 Hours)

Specified or additional College of Arts and Sciences Requirement:

- One Carolina Core GHS-approved course primarily focused on U.S. History: HIST 111, 112, 214, or another GHS-approved course determined by the College of Arts and Sciences to fit this geographic category and
- One Carolina Core GHS-approved course primarily focused on non-U.S. History: HIST 101, 102, 104, 105, 106, 108, 109, GERM 280, FAMS 300, or another GHS-approved course determined by the College of Arts and Sciences to fit this geographic category.

GSS: Carolina Core Global Citizenship and Multicultural Understanding: Social Sciences (6 Hours)

Specified or additional College of Arts and Sciences Requirement:

AIU: Carolina Core Aesthetic and Interpretive Understanding (3 Hours)
**Carolina Core Stand Alone or Overlay Eligible Requirements:**

- Up to two of these requirements may be met in overlay courses. At least one of these requirements must be satisfied by a course not applied elsewhere in general education. (3-9 Hours)

*CMS: Carolina Core Effective, Engaged, and Persuasive Communication: Speech (3 Hours)*

*INF: Carolina Core Information Literacy (0-3 Hours)*

*VSR: Carolina Core Values, Ethics, and Social Responsibility (3 Hours)*

**Other Required General Education Courses from the College of Arts and Sciences**

**Fine Arts and Humanities Requirements (9 Hours)**

- Bachelor of Arts degrees require 3 Hours in the fine arts. (May be taken as Carolina Core Aesthetic and Interpretive Understanding.)
- Bachelor of Arts degrees require an additional 9 Hours in the fine arts or humanities.

**Existing Program/Major Requirements:**

**Change Program/Major Requirements:**
2. Media Arts Major (30 Hours)

(C or better required)

Core Requirements (12 Hours)

- MART 110 - Media Culture
- MART 201 - Foundations of Media Arts Production
- MART 210 - Digital Media Arts Fundamentals
- MART 499 - Internship in Media Arts

Three courses from the following: (9 Hours)

- MART 262 - Digital Imaging
- MART 321 - Media Writing
- MART 341 - Sound Design
- MART 371 - The Moving Image
- MART 380 - New Media Art
- FAMS 240 - Introduction to Film and Media Studies

Three courses from the following: (9 Hours)

- MART 521A - Media Writing Advanced: Screenwriting
- MART 521B - Media Writing Advanced: Feature Film
- MART 521C - Media Writing Advanced: Manga and Anime
- MART 521D - Media Writing Advanced: Television Writing
- MART 571A - Moving Image Advanced: Narrative
- MART 571B - Moving Image Advanced: Documentary
- MART 571C - Moving Image Advanced: Animation
- MART 571D - Moving Image Advanced: Experimental
- MART 571E - Moving Image Advanced: Cinematography
- MART 581A - New Media Advanced: Site-based and Installation Art
- MART 581B - New Media Advanced: Mobile Platforms
- MART 581C - New Media Advanced: Media Performance
- MART 581D - New Media Advanced: Video Game Design
- MART 581E - New Media Advanced: Sound Art
- MART 590 - Special Topics in Media Arts
- MART 591 - Special Topics in Film and Media Studies
- MART 592 - Special Topics in Film and Media Histories
- MART 593 - Special Topics in U.S. Film and Media
- MART 594 - Special Topics in Global Film and Media
- MART 595 - Documentary Film and Media Studies
- MART 598 - Media Management and Distribution

Existing Electives:

- MART 521A - Media Writing Advanced: Screenwriting
- MART 521B - Media Writing Advanced: Feature Film
- MART 521C - Media Writing Advanced: Manga and Anime
- MART 521D - Media Writing Advanced: Television Writing
- MART 571A - Moving Image Advanced: Narrative
- MART 571B - Moving Image Advanced: Documentary
- MART 571C - Moving Image Advanced: Animation
- MART 571D - Moving Image Advanced: Experimental
- MART 571E - Moving Image Advanced: Cinematography
- MART 581A - New Media Advanced: Site-based and Installation Art
- MART 581B - New Media Advanced: Mobile Platforms
- MART 581C - New Media Advanced: Media Performance
- MART 581D - New Media Advanced: Video Game Design
- MART 581E - New Media Advanced: Sound Art
- MART 590 - Special Topics in Media Arts
- MART 591 - Special Topics in Film and Media Studies
- MART 592 - Special Topics in Film and Media Histories
- MART 593 - Special Topics in U.S. Film and Media
- MART 594 - Special Topics in Global Film and Media
- MART 595 - Documentary Film and Media Studies
- MART 598 - Media Management and Distribution

No courses of a remedial, developmental, skill-acquiring, or vocational nature may apply as credit toward degrees in the College of Arts and Sciences. The College of Arts and Sciences allows the use of the Pass-Fail option on elective courses. Further clarification on inapplicable courses can be obtained from the College of Arts and Sciences.

Existing Cognate and Minor Requirements:

**Minor**

In place of the cognate a student in the College of Arts and Sciences may choose a minor consisting of at least 18 credit hours of prescribed courses. (Some minors in the sciences require a minimum of 16 hours.) The subject area of the minor may be related to the major. Students pursuing interdisciplinary minors who wish to use courses in their major department for minor credit must petition the College Committee on Scholastic Standards and Petitions for permission to do so.

The minor is intended to develop a coherent basic preparation in a second area of study. It differs from the cognate inasmuch as the courses must be concentrated in one area and must follow a structured sequence. Interdisciplinary minors can be designed with the approval of the assistant dean for academic affairs and advising.

Courses applied toward general education requirements cannot be counted toward the minor. No course may satisfy both major and minor requirements. **All minor courses must be passed with a grade of C or higher.** At least half of the courses in the minor must be completed in residence at the University.

A list of minor programs of study can be found at [Programs A-Z](#).

**Cognate**

The cognate is intended to support the course work in the major. The cognate must consist of twelve (12) hours of courses at the advanced level, outside of but related to the major. The cognate may be taken in one or more departments or programs, depending on the interests of the student and the judgment of the advisor.

Courses offered by departments and programs that are acceptable for cognate credit are outlined in the section titled [Courses Acceptable for Cognate Credit in Degree Programs in the College of Arts and Sciences](#).

For cognate course offerings in other colleges, consult the appropriate sections of this bulletin. Some major programs have specific cognate requirements.

It should be emphasized that the cognate is not a second set of elective courses to be chosen at random by the student. The cognate must be approved by the major advisor as being related to the major field of study. Students are urged to consult their major advisors for specific requirements in their major.

Courses applied toward general education requirements cannot be counted toward the cognate.

For Bachelor of Arts degrees, all cognate courses must be passed with a grade of C or higher.

**Change to Minor/Art Studio Minor**

<table>
<thead>
<tr>
<th>18 Credits</th>
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<tr>
<td>Change to Minor/Art Studio Minor</td>
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<tr>
<td><strong>Existing Cognate and Minor Requirements:</strong></td>
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</tbody>
</table>
### 2-D Minor (18 Hours)

Select an emphasis in Painting, Drawing, Graphic Design, Printmaking, or Photography.

#### Required Courses (12 Hours):

- ARTS 102 - Introduction to Visual Arts Computing
- ARTS 103 - Fundamentals of Art
- ARTS 111 - Basic Drawing I
- ARTS 112 - Basic Drawing II or ARTS 107 - Color and Composition

#### Two-course Sequence (6 Hours)

Select one sequence from the following:

**Drawing:**
- ARTS 232 - Figure Structure I
- ARTS 233 - Figure Structure II
- OR
- ARTS 330 - Intermediate Drawing I
- ARTS 331 - Intermediate Drawing II

**Painting:**
- ARTS 210 - Introduction to Painting
- ARTS 310 - Intermediate Painting I

**Printmaking:**
- ARTS 215 - Introduction to Printmaking
- ARTS 315 - Intermediate Printmaking I: Relief

**Graphic Design:**
- ARTS 245 - Graphic Design I
- ARTS 246 - Graphic Design II

**Photography:**
- ARTS 261 - Introduction to Photography
- ARTS 360 - Advanced Black & White Photography

**Note:**

With this course sequence, students may substitute ARTS 260 Introduction to Photography for ARTS 112 or ARTS 107.

### 3-D Minor

Select an emphasis in Ceramics or 3-D Studies.

#### Required Courses (12 Hours):

- ARTS 102 - Introduction to Visual Arts Computing
- ARTS 104 - 3-Dimensional Design I
- ARTS 108 - 3-Dimensional Design II

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### 2-D Minor (18 Hours)

Select an emphasis in Painting, Drawing, Graphic Design, Printmaking, or Photography.

#### Required Courses (12 Hours):

- ARTS 102 - Introduction to Visual Arts Computing
- ARTS 103 - Fundamentals of Art
- ARTS 111 - Basic Drawing I
- ARTS 112 - Basic Drawing II or ARTS 230 - Introduction to Drawing
- ARTS 107 - Color and Composition

#### Two-course Sequence (6 Hours)

Select one sequence from the following:

**Drawing:**
- ARTS 232 - Figure Structure I
- ARTS 233 - Figure Structure II
- OR
- ARTS 330 - Intermediate Drawing I
- ARTS 331 - Intermediate Drawing II

**Painting:**
- ARTS 210 - Introduction to Painting
- ARTS 310 - Intermediate Painting I

**Printmaking:**
- ARTS 215 - Introduction to Printmaking
- ARTS 315 - Intermediate Printmaking I: Relief

**Graphic Design:**
- ARTS 245 - Graphic Design I
- ARTS 246 - Graphic Design II

**Photography:**
- ARTS 261 - Introduction to Photography
- ARTS 360 - Advanced Black & White Photography

**Note:**

With this course sequence, students may substitute ARTS 260 Introduction to Photography for ARTS 112 or ARTS 107.

### 3-D Minor

Select an emphasis in Ceramics or 3-D Studies.

#### Required Courses (12 Hours):

- ARTS 102 - Introduction to Visual Arts Computing
- ARTS 104 - 3-Dimensional Design I
- ARTS 108 - 3-Dimensional Design II ARTS 225:
### Two-course Sequence (6 Hours)
Select one sequence from the following:

**Ceramics:**
- ARTS 220 - Beginning Ceramics
- ARTS 320 - Intermediate Ceramics I

**3-D Studies:**
- ARTS 225 - Introduction to Three-Dimensional Studies
- ARTS 325 - Intermediate Three-Dimensional Studies I

**Note:**
All students pursuing a minor may take more than 18 hours.

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### Change Course Type and Description

**From:** ARTH 599  
Independent Study. (3) Independent study for advanced undergraduate majors and graduate students in art history. Approved independent study contract required for enrollment.

Course Hour Type: Fixed

Number Times Course can be taken for credit: 4

**To:** ARTH 599  
Independent Study. (Variable) Independent study for advanced undergraduate majors and graduate students in art history. Approved independent study contract required for enrollment. May be repeated, but no more than 12 credits of Independent Study may be applied to the degree.

Credit Hours Minimum for a Single Offering: 1

Credit Hours Maximum for a Single Offering: 6

Number Times Course can be taken for credit: 10

---

### Change Description, Grading System, Remove Prerequisite

**From:** ARTS 211  
Beginning Painting II. (3) A further exploration of the materials and techniques of painting with emphasis on individual creative expression.

Prereq: ARTS 210 or consent of instructor

Grading System: Standard (Letter Grades with Pass/Fail option)

**To:** ARTS 211  
Beginning Painting II. (3) Exploration of materials and techniques of painting with emphasis on individual creative expression.
Grading System: Standard (Letter Grades Only)

**Change Grading System, Remove Prerequisite**

**From: ARTS 215**  
Introduction to Printmaking. (3)  
Prereq: ARTS 103, 111, 230, or consent of instructor  
Grading System: Standard (Letter Grades with Pass/Fail option)

**To: ARTS 215**  
Introduction to Printmaking. (3)  
Grading System: Standard (Letter Grades Only)

**From: ARTS 220**  
Beginning Ceramics. (3)  
Prereq: ARTS 104  
Grading System: Standard (Letter Grades with Pass/Fail option)

**To: ARTS 220**  
Beginning Ceramics. (3)  
Grading System: Standard (Letter Grades Only)

**From: ARTS 261**  
Introduction to Photography. (3)  
Prereq: ARTS 103  
Grading System: Standard (Letter Grades with Pass/Fail option)

**To: ARTS 261**  
Introduction to Photography. (3)  
Grading System: Standard (Letter Grades Only)

**From: ARTS 310**  
Intermediate Painting I. (3)  
Prereq: ARTS 103, ARTS 104, ARTS 111, ARTS 112, ARTS 210, or consent of instructor  
Grading System: Standard (Letter Grades with Pass/Fail option)

**To: ARTS 310**  
Intermediate Painting I. (3)  
Grading System: Standard (Letter Grades Only)

**From: ARTS 311**  
Intermediate Painting II. (3)  
Prereq: ARTS 310 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 311 Intermediate Painting II. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 315 Intermediate Printmaking I: Relief. (3)
Prereq: ARTS 103, 111, 215, 230, or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 315 Intermediate Printmaking I: Relief. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 316 Intermediate Printmaking II: Screen. (3)
Prereq: ARTS 315 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 316 Intermediate Printmaking II: Screen. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 320 Intermediate Ceramics I. (3)
Prereq: ARTS 103, ARTS 104, ARTS 111, ARTS 112, ARTS 220
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 320 Intermediate Ceramics I. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 321 Intermediate Ceramics II. (3)
Prereq: ARTS 103, ARTS 104, ARTS 111, ARTS 112, ARTS 220
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 321 Intermediate Ceramics II. (3)
Grading System: Standard (Letter Grades Only)
From: ARTS 361  Digital Photography. (3)
Prereq: ARTS 261
Grading System: Standard (Letter Grades with Pass/Fail option)

To:  ARTS 361  Digital Photography. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 415  Advanced Printmaking I: Intaglio. (3)
Prereq: ARTS 103, 111, 215, 230, or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To:  ARTS 415  Advanced Printmaking I: Intaglio. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 416  Advanced Printmaking II: Lithography. (3)
Prereq: ARTS 415 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To:  ARTS 416  Advanced Printmaking II: Lithography. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 500  Visual Meaning. (3)
Prereq: ARTS 103, ARTS 104, ARTS 111, ARTS 112 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To:  ARTS 500  Visual Meaning. (3)
Grading System: Standard (Letter Grades Only)

From: ARTS 513  Advanced Watercolor. (3)
Prereq: ARTS 512 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)
To: ARTS 513  Advanced Watercolor. (3)
Grading System: Standard (Letter Grades Only)

**Change Grading System, Change Prerequisite**

From: ARTS 232  Figure Structure I. (3)
Prereq: ARTS 111, 112; or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 232  Figure Structure I. (3)
Prereq: ARTS 230
Grading System: Standard (Letter Grades Only)

From: ARTS 325  Intermediate Three-Dimensional Studies I. (3)
Prereq: ARTS 103, ARTS 104, ARTS 111, ARTS 112, ARTS 225 or consent of instructor.
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 325  Intermediate Three-Dimensional Studies I. (3)
Prereq: ARTS225
Grading System: Standard (Letter Grades Only)

From: ARTS 326  Intermediate Three-Dimensional Studies II. (3)
Prereq: ARTS 325 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 326  Intermediate Three-Dimensional Studies II. (3)
Prereq: C or better in ARTS 225
Grading Standard (Letter Grades Only)

From: ARTS 330  Intermediate Drawing I. (3)
Prereq: ARTS 103, ARTS 104, ARTS 111, ARTS 112, or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)
To: ARTS 330  Intermediate Drawing I. (3)
Prereq: ARTS 230
Grading System: Standard (Letter Grades Only)

From: ARTS 331  Intermediate Drawing II. (3)
Prereq: ARTS 330
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 331  Intermediate Drawing II. (3)
Prereq: ARTS 230
Grading System: Standard (Letter Grades Only)

From: ARTS 410  Advanced Painting I. (3)
Prereq: ARTS 311 and ARTS 312
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 410  Advanced Painting I. (3)
Prereq: ARTS 310 or 311
Grading System: Standard (Letter Grades Only)

From: ARTS 411  Advanced Painting II. (3)
Prereq: ARTS 410
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 411  Advanced Painting II. (3)
Prereq: ARTS 310 or 311
Grading System: Standard (Letter Grades Only)

From: ARTS 425  Advanced Three-Dimensional Studies I. (3)
Prereq: ARTS 326
From: ARTS 425 Advanced Three-Dimensional Studies I. (3)
Prereq: ARTS 325 or 326
Grading System: Standard (Letter Grades Only)

To: ARTS 426 Advanced Three-Dimensional Studies II. (3)
Prereq: ARTS 425
Grading System: Standard (Letter Grades with Pass/Fail option)

From: ARTS 430 Advanced Drawing I. (3)
Prereq: ARTS 331
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 430 Advanced Drawing I. (3)
Prereq: ARTS 330 or 331
Grading System: Standard (Letter Grades Only)

From: ARTS 460 Photography Portfolio. (3)
Prereq: ARTS 360 and 361 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 460 Photography Portfolio. (3)
Prereq: ARTS 360 or 361 or consent of instructor.
Grading System: Standard (Letter Grades Only)

From: ARTS 461 Photography Exhibition. (3)
Prereq: ARTS 360 and 361, or consent of instructor
To: ARTS 461  Photography Exhibition. (3)
   Prereq: ARTS 360 or 361, or consent of instructor.
   Grading System: Standard (Letter Grades Only)

From: ARTS 510  Painting I. (6)
   Prereq: ARTS 210, 310, 311, 410, 411 or consent of instructor
   Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 510  Painting I. (6)
   Prereq: ARTS 210, 211, 310, and 311.
   Grading System: Standard (Letter Grades Only)

From: ARTS 525  Three-Dimensional Studies I. (Variable)
   Prereq: ARTS 426 or consent of instructor
   Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 525  Three-Dimensional Studies I. (Variable)
   Prereq: C or Better in ARTS 425 or 426
   Grading System: Standard (Letter Grades Only)

From: ARTS 526  Three-Dimensional Studies II. (Variable)
   Prereq: ARTS 525 or consent of instructor
   Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 526  Three-Dimensional Studies II. (Variable)
   Prereq: C or better in ARTS 425 or 426
   Grading System: Standard (Letter Grades Only)

From: ARTS 532  Advanced Life Drawing. (3)
   Prereq: ARTS 233 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 532  Advanced Life Drawing. (3)
Prereq: ARTS 232 or 233 or graduate status.
Grading System: Standard (Letter Grades Only)

Change Description, Grading System, Change Prerequisite

From: ARTS 233  Figure Structure II. (3) Continuation of ARTS 232 with increased emphasis on anatomy.
Prereq: ARTS 232 or consent of instructor
Grading System: Standard (Letter Grades with Pass/Fail option)

To:  ARTS 233  Figure Structure II. (3) Drawing from the human figure.
Prereq: ARTS 230
Grading System: Standard (Letter Grades Only)

From: ARTS 245  Graphic Design I. (3) The basics of visual communication, including formal issues, fundamental communication principles, image development, and relevant digital applications. Studio art majors and graphic design minors only.
Prereq: ARTS 102 and 103
Grading System: Standard (Letter Grades with Pass/Fail Options)

To:  ARTS 245  Graphic Design I. (3) The basics of visual communication, including formal issues, fundamental communication principles, image development, and relevant digital applications.
Prereq: ARTS 102
Grading System: Standard (Letter Grade Only)

From: ARTS 246  Graphic Design II. (3) Continuation of ARTS 245, with the addition of typography and word/image relationships. Relevant digital applications. Studio art majors and graphic design minors only.
Prereq: ARTS 107 and ARTS 245
Grading System: Standard (Letter Grades with Pass/Fail option)

To:  ARTS 246  Graphic Design II. (3) Typography, word/image relationships, relevant digital applications.
Prereq: ARTS 102
Grading System: Standard (Letter Grades Only)

**Change Grading System add Prerequisite**

From: ARTS 511 Painting II. (6)
Grading System: Standard (Letter Grades with Pass/Fail option)

To: ARTS 511 Painting II. (6)
Prereq: ARTS 510
Grading System: Standard (Letter Grades Only)

**Deleted Courses**

ARTS 108 3-Dimensional Design II. (3)
ARTS 112 Basic Drawing II. (3)

**K. Global Studies Program**

**New Course**

GLST 308 Global Media Industries [=FAMS 308]. (3) Provides the foundation for the study of globalized film and media industries.

**2. DARLA MOORE SCHOOL OF BUSINESS**

a. **Department of Finance**

**Change to Major/Degree Program**  BA in Real Estate  122 Credit Hours

**Existing Program**

- FINA 366 - Introduction to Real Estate and Urban Development
- Three of the following courses: (9 Hours)
  - FINA 367 - Real Estate Market Analysis
  - FINA 466 - Real Estate Investment Fundamentals
  - FINA 467 - Real Estate Finance
  - FINA 468 - Real Estate Appraisal
  - ECON 500 - Urban Economics
  - GEOG 344 - Geographies of American Cities
- One of the following courses: (3 Hours)

**Change Program**

- FINA 366 - Introduction to Real Estate and Urban Development
- FINA 466 - Real Estate Investment Fundamentals
- FINA 467 - Real Estate Finance
- One of the following courses: (3 Hours)
  - FINA 365 - Corporate Financial Analysis
  - FINA 465 - Commercial Bank Practice and Policy
  - FINA 469 - Investment Analysis and Portfolio Management
- One of the following courses: (3 Hours)
  - FINA 367 - Real Estate Market Analysis
Change to Major/Degree Program Finance B.S.B.A.  

122 Credit Hours

Existing Program Introduction

The business administration curriculum allows sufficient flexibility for adaptation to a student’s particular interests and goals. A minimum of 122 hours is required for the B.S. degree in all majors except accounting, which requires 125 hours, and international business, which requires a minimum of 128 hours. They are divided between courses in business administration and general education courses in English, history, foreign languages, natural and behavioral sciences, and other disciplines. All business administration students are required to earn 40 hours in a common core sequence of business subjects. The major field for all majors except accounting and international business* requires 12 - 21 hours beyond the common core. If a major requires only 12 hours, then a minimum of 6 additional hours of advisor-approved course work in business/economics must be completed. A minimum of 18 credit hours in additional directed general education and/or business courses is required.

The school has developed options designed to complement core and major requirements. Information and assistance in the development and selection of options are available through the advising facilities of the school.

*The accounting major requires 24 hours. International business requires a second major in business. International business majors range from 27 to 36 hours, depending on the double major selected.

Learning Outcomes

- Graduates will understand the structure and operation of U.S. and global security markets.
- Graduates will understand the financial operations of domestic and multinational corporations.
- Graduates will understand the application of present value and future value analysis to help make business decisions.
- Graduates will be able to evaluate the risk versus return trade-offs when making investment decisions, conducting capital budgeting and project analysis, and performance analysis.
- Graduates will understand the impact of capital structure decisions.
- Graduates will understand the basic features of fixed-income securities, equities, and traditional derivative securities and the basics of portfolio analysis.

Existing College/School Gen Ed or Departmental Requirements:
1. Carolina Core Plus General Education Requirements

CMW: Carolina Core Effective, Engaged and Persuasive Communication: Writing (6 Hours)

- ENGL 101 - Critical Reading and Composition
- ENGL 102 - Rhetoric and Composition

ARP: Carolina Core Analytical Reasoning and Problem-Solving (6-8 Hours)

- MATH 122 - Calculus for Business Administration and Social Sciences or MATH 141
- and
- STAT 206 - Elementary Statistics for Business

SCI: Carolina Core Scientific Literacy

- Two approved Carolina Core Scientific Literacy courses including one laboratory course

GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-8 hours)

- Students shall demonstrate in one Foreign Language the ability to comprehend the topic and the main ideas in written and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. This ability can be demonstrated by achieving a score of two or better on a USC foreign language test. Those failing to do so must satisfactorily complete equivalent study of foreign language at USC.

GHS: Carolina Core Global Citizenship and Multicultural Understanding: Historical Thinking

- Any approved Carolina Core History course

GSS: Carolina Core Global Citizenship and Multicultural Understanding: Social Sciences (3 Hours)

- Any approved Carolina Core Social Science course

AIU: Carolina Core Aesthetic and Interpretive Understanding (3 Hours)

- Any approved Carolina Core Aesthetic and Interpretive Understanding course

CMS: Carolina Core Effective, Engaged, and Persuasive Communication: Speech (3 hours)

- Any approved Carolina Core Speech course

INF: Carolina Core Information Literacy (0-3 Hours)

- This requirement may be met in an overlay course that combines learning outcomes from two Carolina Core components

VSR: Carolina Core Values, Ethics, and Social Responsibility (3 hours)

- Any approved Carolina Core Values, Ethics, and Social Responsibility course. This requirement may be met in an overlay course that combines learning outcomes from two Carolina Core components.

Other Required General Education Courses for the Darla Moore School of Business (3-10 Hours)

Additional DMSB general education courses may be required if student exempts the foreign language requirement and/or the student chooses coursework which can fulfill both stand-alone and overlay requirements of Carolina Core components. (up to 10 hours).

Other Required General Education Courses (con’t)

Those credit hours must be replaced with elective credits (minimum of 6 credits). A third elective is required to reach graduation hours, and
students are strongly encouraged to take a business section of UNIV 101 to fulfill this elective (3 credits).

### 2. Business Core (40 Hours)

- MGSC 290 - Computer Information Systems in Business
- MGSC 291 - Statistics for Business and Economics
- MGSC 395 - Operations Management
- ACCT 225 - Introduction to Financial Accounting
- ACCT 226 - Introduction to Managerial Accounting
- ACCT 324 - Survey of Commercial Law
- MGMT 250 - Professional Communication
- MGMT 371 - Principles of Management
- MGMT 478 - Strategic Management
- MKTG 350 - Principles of Marketing
- FINA 363 - Introduction to Finance
- BADM 301 - Business Careers in the Global Economy
- ECON 221 - Principles of Microeconomics
- ECON 222 - Principles of Macroeconomics

### 3. Communication (Included in General Education Requirements)

### Existing Program/Major Requirements:

### 4. Finance (15 Hours)

#### Required Courses (9 Hours):

- FINA 365 - Corporate Financial Analysis
- FINA 469 - Investment Analysis and Portfolio Management
- FINA 470 - Financial Statement Analysis

### Existing Electives:  

### Change Electives:
### Existing Cognate and Minor Requirements:

- FINA 341 - Management of Risk and Insurance
- FINA 444 - Corporate Risk Management
- FINA 463 - Case Studies in Corporate Finance
- FINA 465 - Commercial Bank Practice and Policy
- FINA 466 - Real Estate Investment Fundamentals
- FINA 467 - Real Estate Finance
- FINA 471 - Derivative Securities
- FINA 475 - Fixed Income Securities
- IBUS 401 - International Financial Management

---

<table>
<thead>
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<th>Two of the following courses (6 Hours):</th>
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<td>- FINA 341 - Management of Risk and Insurance</td>
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</thead>
<tbody>
<tr>
<td>- FINA 341 - Management of Risk and Insurance</td>
</tr>
<tr>
<td>- FINA 366 - Introduction to Real Estate and Urban Development</td>
</tr>
<tr>
<td>- FINA 444 - Corporate Risk Management</td>
</tr>
<tr>
<td>- FINA 463 - Case Studies in Corporate Finance</td>
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<td>- FINA 475 - Fixed Income Securities</td>
</tr>
<tr>
<td>- IBUS 401 - International Financial Management</td>
</tr>
</tbody>
</table>
5. Optional Business Analytics Concentration (12 Hours)*

Finance:
Required Course (3 Hours): MGSC 394 - Data Analytics for Business
Choose 9 Hours from the list below:
- ACCT 404 - Accounting Information Systems I
- ECON 436 - Introductory Econometrics
- FINA 444 - Corporate Risk Management
- FINA 469 - Investment Analysis and Portfolio Management **
- FINA 472 - Student-Managed Investments
- IBUS 401 - International Financial Management
- MGMT 425 - HR Analytics
- MGSC 390 - Business Information Systems
- MGSC 486 - Service Operations Management
- MKTG 352 - Principles of Marketing Research

* Please consult with your Academic Advisor or department on courses recommended for individual majors. The analytics concentration must be taken in conjunction with another track in your major. The department may add additional electives to the Data Analytics Concentration subject to the approval of the Data Analytics Committee.

** Designated sections only.

6. Internationalization Requirement (9 Hours)

The program also requires 9 hours of course work with international content that may be used to fulfill other degree requirements. Three hours must be taken from an approved list of courses offered by the Moore School of Business which contain international business or international economics content. The following course options can also be used to satisfy the 3 credit hours of this requirement: approved course work containing international business or international economics content, taken at a semester abroad program; an approved Maymester or summer overseas course containing international business or international economics content; an approved internship course in international business wherein a student would obtain discipline-related work experience in a foreign country; or an approved service-learning component. Students may choose from one of the following options to complete the remaining 6-hour requirement:

Language:
- Two language courses at the 200 level or above

or

Electives:
- Two approved courses with international content taken either inside or outside the Moore School of Business from a list available in the undergraduate office.

7. Minor or Directed Course Work (minimum of 18 Hours)

Directed course work may be selected from a University-wide list of approved minors. The minor is normally a minimum of 18 hours of prescribed courses in one subject area. Students not selecting such a minor may submit an alternative program of study to satisfy the approved course work requirement. The proposed alternative program of study must be approved by the Undergraduate Program Executive Committee in coordination with the Undergraduate Division. All minor courses or courses approved as alternatives must be passed with a grade of C or better.

New Course

FINA 480 Global Real Estate Capital Markets. (3) Global institutional investment in real estate; international capital markets viewed from the perspective of real estate investment and finance professionals.

Prereq: FINA 366
b. **Department of International Business**

**New Course**

IBUS 421  
Business Anthropology. (3) Analyze the relevance of anthropological theory for business, diverse business cultures, and their impact on global business practices.

Prereq: IBUS 310

Restricted to IB Majors

IBUS 521  
Business Anthropology [=ANTH 521]. (3) Analyze the relevance of anthropological theory for business, diverse business cultures, and their impact on global business practices.

c. **Department of Marketing**

<table>
<thead>
<tr>
<th>Change to Major/Degree Program</th>
<th>BS in Marketing</th>
<th>122 Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing Program</td>
<td>Change Program</td>
<td></td>
</tr>
<tr>
<td>15-hour majors must complete a minimum of 9 hours of approved course work in business/economics.</td>
<td>15-hour majors must complete a minimum of 9 hours of approved course work in business/economics.</td>
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</tr>
<tr>
<td>(9 Hours):</td>
<td>(9 Hours):</td>
<td></td>
</tr>
<tr>
<td>• MKTG 351 - Consumer Behavior</td>
<td>• MKTG 351 - Consumer Behavior</td>
<td></td>
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<tr>
<td>• MKTG 352 - Principles of Marketing Research</td>
<td>• MKTG 352 - Principles of Marketing Research</td>
<td></td>
</tr>
<tr>
<td>• MKTG 465 - Marketing Strategy and Planning</td>
<td>• MKTG 465 - Marketing Strategy and Planning</td>
<td></td>
</tr>
<tr>
<td>Any two of the following courses (6 Hours):</td>
<td>Any two of the following courses (6 Hours):</td>
<td></td>
</tr>
<tr>
<td>• MKTG 451 - Topics in Marketing</td>
<td>• MKTG 455 - Sales Strategy</td>
<td></td>
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<tr>
<td>• MKTG 454 - Business-to-Business Marketing</td>
<td>• MKTG 446 - Sales Automation and Customer Management</td>
<td></td>
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<tr>
<td>• MKTG 455 - Marketing Communications and Strategy</td>
<td>• MKTG 447 - Pricing Strategy and Analytics</td>
<td></td>
</tr>
<tr>
<td>• MKTG 457 - Personal Selling and Sales Management</td>
<td>• MKTG 451 - Topics in Marketing</td>
<td></td>
</tr>
<tr>
<td>• MKTG 458 - Creative Strategy in Advertising</td>
<td>• MKTG 454 - Business-to-Business Marketing</td>
<td></td>
</tr>
<tr>
<td>• MKTG 459 - Marketing Channels and Distribution</td>
<td>• MKTG 455 - Marketing Communications and Strategy</td>
<td></td>
</tr>
<tr>
<td>• MKTG 460 - Product Management</td>
<td>• MKTG 457 - Personal Selling and Sales Management</td>
<td></td>
</tr>
<tr>
<td>• MKTG 461 - Retailing Management</td>
<td>• MKTG 458 - Creative Strategy in Advertising</td>
<td></td>
</tr>
<tr>
<td>• IBUS 402 - International Marketing</td>
<td>• MKTG 459 - Marketing Channels and Distribution</td>
<td></td>
</tr>
<tr>
<td>• IBUS 402 - International Marketing</td>
<td>• MKTG 460 - Product Management</td>
<td></td>
</tr>
<tr>
<td>Note:</td>
<td>• MKTG 461 - Retailing Management</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• IBUS 402 - International Marketing</td>
<td></td>
</tr>
</tbody>
</table>
MKTG 350 is a prerequisite course to all of the above courses.

Note:

MKTG 350 is a prerequisite course to all of the above courses.

3. COLLEGE OF ENGINEERING AND COMPUTING

a. Department of Computer Science and Engineering

Change Description, Number of Times Course can be taken, add Cross Listing

From: CSCE 571  Critical Interactives. (3) Foundational techniques for implementing procedural rhetoric, specifically as software designed to present sensitive, sometimes controversial, materials in ways to engender empathic awareness of the interactant. FS: 11/05/2014

Grading System: Standard (Letter Grades with Pass/Fail Option)

To: CSCE 571  Critical Interactives [=FAMS 581]. (3) Foundational techniques in multidisciplinary software development, specifically of applications designed to present sensitive, sometimes controversial, materials in ways to engender empathic awareness of the interactor.

Grading System: Standard (Letter Grades Only)

Impacts: Computer Science and Engineering Columbia Campus

b. Department of Integrated Information Technology

Change Descriptions

From: ITEC 264  Computer Applications in Business I. (3) Survey of the core skills and techniques used in modern business applications, including spreadsheets and databases.

To: ITEC 264  Computer Applications in Business I. (3) Survey of core skills and techniques for spreadsheet design and analysis of business problems.

From: ITEC 265  Computer Applications in Business II. (3) The interaction and analysis of electronic spreadsheets and databases

To: ITEC 265  Computer Applications in Business II. (3) Fundamentals of modern database design and applications.
c. Department of Mechanical Engineering

New Major/Degree Program  Bachelor of Science in Engineering, Aerospace Engineering  126 Credit Hours

Will require course designators: AESP – Aerospace Engineering

New Program Curriculum

Optional Program Introduction:

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>The program is intended to train students in the field of aerospace engineering such that they are well prepared for a career as a multidisciplinary engineer in the aerospace industry or any other industry that requires the abilities specified by ABET for engineers at the BS level:</td>
</tr>
<tr>
<td>1. An ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.</td>
</tr>
<tr>
<td>2. An ability to apply both analysis and synthesis in the engineering design process, resulting in designs that meet desired needs.</td>
</tr>
<tr>
<td>3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.</td>
</tr>
<tr>
<td>4. An ability to communicate effectively with a range of audiences.</td>
</tr>
<tr>
<td>5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.</td>
</tr>
<tr>
<td>6. An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately.</td>
</tr>
<tr>
<td>7. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty combined with an ability to effectively participate in aerospace domain specific complex multidisciplinary product design teams.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Program Educational Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within a few years of graduation, our graduates are expected to achieve the following milestones:</td>
</tr>
<tr>
<td>• Advance professionally in the aerospace industry, automotive industry, technical consultancy or in any other chosen career field</td>
</tr>
<tr>
<td>• Earn advanced degrees in aerospace engineering, (or a related technical discipline such as automotive engineering), business or law</td>
</tr>
<tr>
<td>• Attain leadership positions in today’s rapidly changing, increasingly technological, global society.</td>
</tr>
<tr>
<td>• Be agents of innovation and function effectively as responsible members of professional teams.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Degree Requirements (126-138 hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</td>
</tr>
<tr>
<td>1. Carolina Core (34-46 hours)</td>
</tr>
<tr>
<td>2. Other General Requirements (20 hours)</td>
</tr>
<tr>
<td>3. Lower Division Engineering (18 hours)</td>
</tr>
<tr>
<td>4. Aerospace Engineering Major (39 hours)</td>
</tr>
<tr>
<td>5. Track Electives (15 hours)</td>
</tr>
</tbody>
</table>

Existing Carolina Core Requirements:

CMW

(6 hours)

- ENGL 101 - Critical Reading and Composition
- ENGL 102 - Rhetoric and Composition
ARP

(8 hours)

- MATH 141 - Calculus I
- MATH 142 - Calculus II

SCI

(8 hours)

- CHEM 111 - General Chemistry I
- CHEM 111L - General Chemistry I Laboratory
- PHYS 211 - Essentials of Physics I
- PHYS 211L - Essentials of Physics I Lab

GFL

(0-6 hours)

- Score two or better on foreign language placement test; or complete the 109 and 110 courses in FREN, GERM, LATN or SPAN; or complete the 121 course in another foreign language.

GHS

(3 hours)

- Any approved Carolina Core course for GHS

GSS

(3 hours)

- Any approved Carolina Core course for GSS

AIU

(3 hours)

- Any approved Carolina Core course for AIU

CMS
Choose from:
- PHIL 325 - Engineering Ethics (CMS/VSR overlay)
- Any approved overlay or stand-alone Carolina Core course

INF

(0-3 hours)

- Any approved overlay or stand-alone Carolina Core INF course

VSR

(3 hours)

Choose from:
- PHIL 325 - Engineering Ethics (CMS/VSR overlay)
- Any approved overlay or stand-alone Carolina Core VSR course

Optional College/School Gen Ed or Departmental Requirements:

Other General Requirements (20 hours)

Required courses
- MATH 241 - Vector Calculus
- MATH 242 - Elementary Differential Equations
- MATH 344 - Linear Algebra
- STAT 509 - Statistics for Engineers
- CHEM 112 - General Chemistry II
- CHEM 112L - General Chemistry II Laboratory
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab

Lower Division Engineering (18 Hours)
- AESP 101 - Introduction to Aerospace Engineering or ENCP 101 - Introduction to Engineering I
- EMCH 111 - Introduction to Engineering Graphics and Visualization or ENCP 102 - Introduction to Engineering II
- EMCH 200 - Statics or ENCP 200 - Statics
- EMCH 201 - Introduction to Applied Numerical Methods or ENCP 201 - Introduction to Applied Numerical Methods
- EMCH 260 - Introduction to the Mechanics of Solids or ENCP 260 - Introduction to the Mechanics of Solids
- EMCH 290 - Thermodynamic Fundamentals or ENCP 290 - Thermodynamic Fundamentals

Optional Program/Major Requirements:
Aerospace Engineering Major (39 hours)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>AESP 265</td>
<td>Aerodynamics I Incompressible Flow</td>
</tr>
<tr>
<td>AESP 314</td>
<td>Energy, Power and Propulsion</td>
</tr>
<tr>
<td>AESP 350</td>
<td>Aerospace Systems</td>
</tr>
<tr>
<td>AESP 361</td>
<td>Aerospace Laboratory I</td>
</tr>
<tr>
<td>AESP 362</td>
<td>Aerospace Laboratory II</td>
</tr>
<tr>
<td>AESP 420</td>
<td>Flight and Orbital Mechanics</td>
</tr>
<tr>
<td>AESP 428</td>
<td>Design I</td>
</tr>
<tr>
<td>AESP 466</td>
<td>Flight Dynamics and Control</td>
</tr>
<tr>
<td>EMCH 310</td>
<td>Dynamics or ENCP 210 - Dynamics</td>
</tr>
<tr>
<td>EMCH 330</td>
<td>Mechanical Vibrations or ENCP 330 - Introduction to Vibrations</td>
</tr>
<tr>
<td>EMCH 371</td>
<td>Engineering Materials</td>
</tr>
<tr>
<td>EMCH 377</td>
<td>Manufacturing Processes</td>
</tr>
<tr>
<td>EMCH 577</td>
<td>Aerospace Structures I</td>
</tr>
</tbody>
</table>

Optional Electives:
# Track Electives (15 Hours)

Select one of the following tracks:

## Aeromechanical Systems

All of:
- AESP 415 - Aircraft Design I
- EMCH 585 - Introduction to Composite Materials
- EMCH 308 - Introduction to Finite Element Stress Analysis

Plus two of:
- EMCH 332 - Kinematics and Dynamics of Machines
- EMCH 354 - Heat Transfer
- EMCH 535 - Robotics in Mechanical Engineering
- EMCH 544 - Compressible Fluid Flow
- EMCH 530 - Engineering Optimization

## Integrated Information Technology

All of:
- ITEC 233 - Introduction to Computer Hardware and Software Support
- ITEC 245 - Introduction to Networking

Plus two of:
- ITEC 444 - Introduction to Human-Computer Interaction
- ITEC 445 - Advanced Networking
- ITEC 493 - Information Technology Security for Managers

Plus one of:
- ITEC 370 - Database Systems in Information Technology
- ITEC 447 - Management of Information Technology

## Power Electronics Systems

ELCT 221 - Circuits
ELCT 222 - Signals and Systems
ELCT 371 - Electronics
ELCT 331 - Control Systems
ELCT 572 - Power Electronics

## Control Systems

ELCT 221 - Circuits
ELCT 222 - Signals and Systems
ELCT 371 - Electronics
ELCT 331 - Control Systems
ELCT 531 - Digital Control Systems

## Communication Systems

ELCT 221 - Circuits
ELCT 222 - Signals and Systems

Plus three of:
- ELCT 321 - Digital Signal Processing
- ELCT 361 - Electromagnetics
- ELCT 562 - Wireless Communications
- ELCT 564 - RF Circuit Design for Wireless Communications

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**Other Program Requirements:**


Academic standards

Major GPA
Major GPA requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, the following courses are used to determine the Major GPA for the BSE in Aerospace Engineering program: all Lower Division Engineering courses, all Aerospace Engineering Major courses, and all Track Electives courses.

4. COLLEGE OF HOSPITALITY, RETAIL, AND SPORT MANAGEMENT
   a. Department of Retailing
      New Course
      RETL 242 HRSM Professional Communications. (3) Theory, processes, and applications of professional communications.

      Prereq: ENGL 101 and 102 (students must earn a “C” or better in each prerequisite)

      This course impacts: Integrated Information Technology Department
                          College of Engineering and Computing

5. COLLEGE OF INFORMATION AND COMMUNICATIONS
   a. School of Journalism
      New Courses
      JOUR 472 Power Producing. (3) Examines the art and skill of television news producing, providing students the opportunity to learn about the production process in a real-world, hands-on environment.

      Prereq: JOUR 361, JOUR 346, or JOUR 347 with a "C" or higher, or permission of instructor (basic shooting, video editing, visual storytelling, infographics, or graphic production skills required).

      Restricted to: SJMC majors

Delete Curriculum
JOUR Minor – Journalism and Mass Communications (Print Journalism Emphasis) 18 Credit Hours
JOUR Minor – Journalism and Mass Communications (Secondary Education Emphasis) 18 Credit Hours

Delete Courses
JOUR 434 Electronic Journalism. (3)
JOUR 452 Electronic Mass Media Writing. (3)
JOUR 475  Applications of Telecommunications Research. (3)
JOUR 502  Advanced Radio Programming. (3)
JOUR 503  Advanced Television Programming. (3)
JOUR 523  Television Directing. (3)
JOUR 524  Advertising Management. (3)
JOUR 543  Telecommunications and Society. (3)
JOUR 546  Advanced Copyediting. (3)
JOUR 549  Introduction to Magazine Editing. (3)
JOUR 552  Cable/Satellite Communication. (3)
JOUR 554  Telecommunications Law and Regulation. (3)
JOUR 559  Advanced Magazine Editing. (3)
JOUR 565  Advanced Media Analysis. (3)
JOUR 570  Newspaper in the Classroom. (3)
JOUR 572  Advanced Reporting. (3)
JOUR 577  Newspaper Feature Articles. (3)
JOUR 578  Publication Advising. (3)
JOUR 581  Advanced TV Production and Direction. (3)
JOUR 583  Newspaper Photojournalism. (6)

b. School of Library and Information Science

Change to Major/Degree Program Information Science B.S.  121 Credit Hours

Original Program Curriculum
Learning Outcomes

- Students will describe the techniques and principles for creating, storing, organizing, transforming, and communicating information to various information seekers.
- Students will demonstrate practical skills of information science and the use of information systems.
- Students will demonstrate the comprehension of the valuable role of information and information technology in society as well as the diversity of needs and uses for information.

Degree Requirements (121 hours)
See School of Library and Information Science for admission and progression requirements.

1. Carolina Core Requirements (31-43 hours)
2. Other General Education Requirements (36 hours)
3. Major Requirements (36 hours)
4. Minor or Additional Approved Electives (18 hours)

Change Optional Program

Learning Outcomes

- Students will describe the techniques and principles for creating, storing, organizing, transforming, and communicating information to various information seekers.
- Students will demonstrate practical skills of information science and the use of information systems.
- Students will demonstrate the comprehension of the valuable role of information and information technology in society as well as the diversity of needs and uses for information.

Degree Requirements (121 hours)

1. Carolina Core Requirements (31-43 hours)
2. Program Requirements (42-54 hours)
3. Major Requirements (36 hours)

Existing Carolina Requirements:

ARP

ARP: Analytical Reasoning and Problem-Solving (6-7 hours)

- STAT 201 - Elementary Statistics
- MATH 122 - Calculus for Business Administration and Social Sciences or
- MATH 141 - Calculus I

Change Carolina Core Requirements:

ARP

- STAT 201 - Elementary Statistics
- Any approved Carolina Core ARP courses
Any approved Carolina Core course(s) for GFL or score of two or better on foreign language placement test.

Students in the College of Information and Communications are required to demonstrate proficiency in one foreign language equivalent to the 122 course through course credit or the corresponding foreign language placement score.

CMS

Any approved overlay or stand-alone Carolina Core CMS course.

SLIS recommends SAEL 200 - Social Advocacy and Ethical Life

• Any approved overlay or stand-alone Carolina Core CMS course.
• SLIS recommends one of the following: SAEL 200, SPCH 145, or SPCH 230

INF

Any approved overlay or stand-alone Carolina Core INF course, with the exception of SLIS 202.

SLIS recommends ENGL 102

• ENGL 102 - Rhetoric and Composition (grade of C or better)
SLIS202 may not be used to fulfill the INF Carolina Core requirement

Existing College/School Gen Ed or Departmental Requirements:

Other General Education Requirements (36 hours)

• Any additional approved Carolina Core GHS course
• Any additional approved Carolina Core GSS course
• ACCT 222 - Introduction to Accounting
• CSCE 101 - Introduction to Computer Concepts
• CSCE 102 - General Applications Programming
• ECON 224 - Introduction to Economics
• ENGL 460 - Advanced Writing or
• ENGL 462 - Technical Writing or
• ENGL 463 - Business Writing
• JOUR 101 - Media and Society
• MART 210 - Digital Media Arts Fundamentals
• LING 300 - Introduction to Language Sciences
• MKTG 350 - Principles of Marketing
• SPCH 140 - Public Communication ** or
• SPCH 260 - Argumentation and Debate
Program Requirements (42-54 hours)

Complete the required credit hours for each category below and choose two additional courses from any category.

Professional Courses (30 hours)

- Technology/Systems (6 hours)
  - CSCE 101 - Introduction to Computer Concepts
  - CSCE 102 - General Application Programming
  - MGSC 290 - Computer Information Systems in Business
  - GEOG 363 - Geographic Information Systems
  - ITEC 444 - Introduction to Human-Computer Interaction

- Business (6 hours)
  - ACCT 222 - Introduction to Accounting
  - ACCT 225 - Introduction to Financial Accounting
  - ECON 224 - Introduction to Economics
  - MKGT 350 - Principles of Marketing

- Management/Organizations (3 hours)
  - MGMT 371 - Principles of Management
  - MGMT 376 - Organization Behavior
  - MGMT 402 - Managing Teams in the Workspace
  - MGMT 472 - Entrepreneurship and Small Business

- Media/Visual Design (3 hours)
  - JOUR 101 - Media and Society
  - JOUR 203 - Principles for Visual Communications
  - MART 201 - Introduction to Media Development

- Advanced Writing (3 hours)
  - ENGL 460 - Advanced Writing
  - ENGL 462 - Technical Writing
  - ENGL 463 - Business Writing
  - ENGL 468 - Digital Writing

- Communications (3 hours)
  - SPCH 140 - Public Communications
  - SPCH 260 - Argumentation and Debate
  - SPCH 330 - Small Group Communications
  - SPCH 331 - Organizational Communications
  - SPCH 380 - Persuasive Communications
  - ANTH 371 - Ethnography of Communications
  - SAEL 200 - Social Advocacy and Ethical Life
  - LING 300 - Introduction to Language Science

- Additional Professional Courses (6 hours) - Choose two from any of the courses listed in the categories above.

Minor or Cognate (12-18 hours)

A minor is eighteen credit hours or more. BSIS students are encouraged to pursue one of the sanctioned USC minors in over a hundred different subject areas. BSIS students, with an approval from the BSIS committee, may choose to a cognate instead of a minor. The cognate is usually twelve hours of course work and two approved electives for a total of eighteen hours. Only six hours of lower division class credits can be applied to the cognate or approved electives. All cognates and electives will be approved by the BSIS sub-committee usually by the second semester of the Junior year of a BSIS student if not earlier.

Approved Electives (0-12 hours) – Choose any course with approval of an academic advisor, to reach hours to graduate.

Note: Courses used to satisfy Carolina Core requirements may not also fulfill Approved Electives.
## B.S. in Information Science Degree Courses (36 hours)

### Required Courses (21 hours)

All students majoring in information science must satisfactorily complete, with a grade of C or better, the following courses (see complete description of each course below):

- SLIS 201 - Introduction to Information Science
- SLIS 202 - Introduction to Information Literacy and Technology
- SLIS 301 - Information Storage and Retrieval
- SLIS 330 - Introduction to Computer Technology and Applications for Information Environments
- SLIS 402 - Introduction to Management Within Information Environments
- SLIS 420 - Communication and Information Transfer or SLIS 450 - Information Issues in Cultural Heritage Institutions
- SLIS 494 - Independent Study in Information Science or SLIS 496 - Internship in Information Science

### Related Required Courses (9 hours)

- CSCE 204 - Program Design and Development
- ITEC 265 - Computer Applications in Business II
- ITEC 362 - Web-Based Support Systems

## Change Program/Major Requirements:

### Information Science Major Requirements (36 hours)

**Major Required Courses (30 hours)

**Major Electives (6 hours)

All students majoring in information science must satisfactorily complete, with a grade of C or better, the following courses:

**Major Required Courses (30 hours)

- SLIS 201 - Introduction to Information Science
- SLIS 202 - Introduction to Information Literacy and Technology
- SLIS 220 – Using Information Resources
- SLIS 301 - Information Storage and Retrieval
- SLIS 310 - Research Methods in Information Science
- SLIS 330 - Introduction to Computer Technology and Applications for Information Environments
- SLIS 402 - Introduction to Management Within Information Environments
- SLIS 410 - Knowledge Management
- SLIS 420 - Communication and Information Transfer
- SLIS 494 - Independent Study in Information Science or SLIS 496 - Internship in Information Science

**Major Electives (6 hours required) - choose 2 courses from below:

- SLIS 315 - Information Policy
- SLIS 430 - User-Centered Information Architecture
- SLIS 434 - Introduction to Knowledge Discovery
- SLIS 435 - Digital Information Infrastructure
- SLIS 440 - Competitive Intelligence
- SLIS 450 - Information Issues in Cultural Heritage Institutions
- SLIS 480 - Emerging Topics in Information Science
- SLIS 494 - Independent Study in Information Science
- SLIS 496 - Internship in Information Science

- Or any other SLIS course

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<tr>
<th>Existing Electives:</th>
<th>Change Electives:</th>
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<tr>
<td><strong>Additional Elective</strong> Information Science Courses (6 hours required)</td>
<td>(Moved to Major Requirements)</td>
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<tr>
<td>- SLIS 310 - Research Methods in Information Science</td>
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| Existing Cognate and Minor Requirements: | Change Cognate and Minor Requirements: |
**Additional Elective Courses or Minor (18 hours)**

A student majoring in information science has the option of completing a specified minor sequence of courses prescribed by the unit offering the minor (see Complementary Programs below) or selecting an additional 18 hours of elective courses, as approved by the advisor. General education requirement courses do not count as electives. All elective courses must be passed with a grade of C or better. The minor is intended to develop a coherent basic preparation in a second area of study. Courses applied toward general education requirements cannot be counted toward the minor. No course may satisfy both major and minor requirements. All minor courses must be passed with a grade of C or better. For descriptions of specific minors, students should consult the department in which they wish to minor for a list of courses, noting completion of their minor and have prerequisites that may not count towards the minor. A minor advisement form must be completed by the end of the junior year (having completed between 60 and 90 semester hours) year and approved by the school.

**SLIS Complementary Programs**

A B.S.I.S. student may take one of the predesigned complementary programs established with the integrated information technology (iIT) program in the College of Hospitality, Retail, and Sport Management; the visual arts program in the College of Arts and Sciences; or the public relations or visual communications majors in the College of Information and Communications. At a minimum, the 18 hours of SLIS courses, as described below, satisfy the complementary program requirement.

### Integrated Information Technology Courses

- ITEC 245 - Introduction to Networking
- ITEC 352 - Software Design
- ITEC 444 - Introduction to Human Computer Interaction
- ITEC 445 - Advanced Networking
- ITEC 545 - Telecommunications
- ITEC 562 - Advanced Web Support Systems

### Visual Communications Courses

- JOUR 203 - Principles of Visual Communications
- JOUR 346 - Graphics for Visual Communications
- JOUR 347 - Photovisual Communications I: Photography
- JOUR 446 - Informational Graphics
- JOUR 447 - Photovisual Communications II: Advanced Photography
- JOUR 560 - Capstone Portfolio Development

### Public Relations Courses

- JOUR 303 - Law and Ethics of Mass Communications
- JOUR 201 - Principles of Public Relations
- JOUR 499 - Special Topics
- JOUR 542 - Public Opinion and Persuasion
6. PALMETTO COLLEGE
Change to Major Degree Program – BA in Liberal Studies 120 Credit Hours

Existing Program Introduction

Overview of the BLS
The Bachelor of Arts degree in Liberal Studies Program (BLS) is only available to students on USC’s regional campuses or online through Palmetto College. It is designed to provide access to upper-level study in a range of liberal arts disciplines, fostering the abilities to think critically, communicate effectively, solve problems, and interpret human experience. Goals of this program are to enhance students’ intellectual and creative capacities and broaden their historical, ethical, social, and international perspectives while allowing them some flexibility in designing the upper-level curricula based on previous studies and employment objectives.

Learning Outcomes
- Students will demonstrate the ability to initiate independent, interdisciplinary inquiry and the ability to apply critical thinking to interdisciplinary problems.
- Students will demonstrate an understanding of South Carolina from historical as well as contemporary political, cultural, economic, and social perspectives in papers, assignments and other student writing.
- Students will be educated and participatory citizens of South Carolina and explain how their academic training has prepared them to be active state citizens.
- Students will demonstrate the ability to apply classroom learning to real-world experience in the public or private sector.

Admission and Graduation Standards
Students may apply to the Liberal Studies Program after completion of at least 45 semester hours of accredited, college-level work. A minimum grade point of 2.00 is required for admission and graduation. As part of the application process, a specific Program of Study is developed by the student and the student’s advisor and approved by the Program Committee. Any changes to the Program of Study must be approved by the advisor and Program Committee. All students must earn at least 30 USC hours after admission to this program. A minimum of 120 semester hours of accredited, college-level work must be presented to earn this degree.

Degree Requirements (120 Hours)
The Bachelor of Arts in Liberal Studies (BLS) is designed for students who want to pursue liberal studies without a major in a single discipline.
Major Requirements (36 Hours)

### Required Courses (9 hours)

The following three courses are required of all majors:

- UNIV 401 - Senior Capstone Experience
- PALM 493 - South Carolina Studies
- PALM 494 - Internship OR PALM 495 - Service-Learning

The student's major will be chosen from TWO of the following disciplines (27 hours):

All courses must be at the upper level with at least 15 hours at the 400-level or above. All grades must be C or better. A minimum of 12 hours is required in each of the two disciplines. At least 15 hours must be USC courses. No more than 12 hours of the major will be accepted in transfer.

- Art
- English
- History
- Languages
- Native American Studies *
- Philosophy
- Religious Studies
- Theatre
- Astronomy
- Biological Sciences
- Chemistry
- Environmental Studies
- Geological Studies
- Health Promotion, Education and Behavior
- Marine Science
- Mathematics
- Physics
- Statistics
- Anthropology
- Criminology and Criminal justice
- Economics
- Geography
- Health Promotion, Education and Behavior
- Native American Studies*
- Political science
- Psychology
- Sociology

**Note:**

*The most updated list of courses designated as fulfilling the Native American Studies option will be listed on the [BA in Liberal Studies program website](#).*

### Electives (21-31 Hours)

Existing Electives:

**Note:**

*The most updated list of courses designated as fulfilling the Native American Studies option will be listed on the [BA in Liberal Studies program website](#).*
Existing Cognate and Minor Requirements:

**Cognate (12 Hours)**

- All grades must be C or better.
- The cognate cannot be a discipline included in the student's major option. No more than six hours of transfer work may be applied to the cognate.
- A minimum of 12 hours of course work at the 300 level or above from one of the following disciplines:
  - Anthropology
  - Art
  - Business
  - Criminal justice
  - Dance
  - Economics
  - Education
  - English
  - Geography
  - History
  - Health Promotion, Education and Behavior
  - Languages
  - Mathematics
  - Native American Studies*
  - Philosophy
  - Political Science
  - Psychology
  - Physical and/or Biological sciences
  - Religious Studies
  - Social Work
  - Sociology
  - Theatre

*Courses designated as fulfilling the Native American Studies option will be listed on the [BA in Liberal Studies program website](#).