

REPORT: COMMITTEE ON CURRICULA AND COURSES
 (For consideration by the Faculty Senate at its December 2, 2015 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 Kathleen Kirasic (Psychology) in advance of Faculty Senate meeting if errors are noted, either by phone: 777-4137 or e-mail: kck@sc.edu.

(Please note: Unless noted, approvals are effective in the 2016-2017 Bulletin)

Correction to Report of November 4, 2018:

There was an omission to the Report from the Committee on Curricula and Courses of November 4, 2015.

The Committee approved but did not present the change of credit hours from 124 to 120 for the Change to Concentration for both Fashion Merchandising and Retail Management from the College of Hospitality, Retail, & Sport Management.

1. COLLEGE OF ARTS AND SCIENCES

Change in Major/Degree Program – Bachelor of Arts with a major in Interdisciplinary Studies (BAIS)

<u>Esisting</u>	<u>Proposed</u>
<p>Curriculum</p> <p>Basic Degree Requirements for Bachelor of Arts Degrees (120 Hours)</p> <p>Note: Bachelor of Arts degrees require 120 hours. Bachelor of Fine Arts degrees require additional hours; see Program of Study for major requirements.</p> <p>1. Carolina Core Plus General Education Requirements</p> <p>2. Major</p>	<p>Basic Degree Requirements for Bachelor of Arts Degrees (120 Hours)</p> <p>Note: Bachelor of Arts degrees require 120 hours. Bachelor of Fine Arts degrees require additional hours; see Program of Study for major requirements.</p> <p>1. Carolina Core Plus General Education Requirements</p> <p>2. Major</p> <p>3. Cognate or Minor Requirements (<u>optional</u>)</p> <p>4. Electives</p>

<p>3. Cognate or Minor Requirements</p> <p>4. Electives</p>	
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<p>2. Interdisciplinary Studies Major (36 Hours)</p> <hr/> <p>Each student must complete a program of studies designed by an interdisciplinary program committee appointed by the assistant dean and approved by the college Interdisciplinary Studies Committee. The program shall include a minimum of 36 semester hours of credit in courses numbered 300 or above and in two or more fields. No course submitted in fulfillment of the general education requirements may be included in the program requirements. A maximum of 15 semester hours of independent study courses may be applied to the interdisciplinary studies program requirement.</p>	<p><u>2. Interdisciplinary Studies Program Requirements (36 Hours)</u></p> <p>Each student must complete a program of studies designed by an interdisciplinary program committee appointed by the <u>College Academic Affairs and Advising Office</u>. The program shall include a minimum of 36 semester hours of credit in <u>major eligible</u> courses in two or more fields. No course submitted in fulfillment of the general education requirements may be included in the program requirements. A maximum of 15 semester hours of independent study courses may be applied to the interdisciplinary studies program requirement.</p>
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<p>3. Cognate or Minor Requirements (12-18 Hours) for B.A. Degrees</p> <hr/> <p>Cognate</p> <hr/> <p>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.</p> <p>Courses offered by departments and programs in the College of Arts and Sciences 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.</p> <p>For cognate course offerings in other colleges, consult the appropriate sections of this bulletin. Some major</p>	<p>3. Cognate or Minor Requirements (12-18 Hours) for B.A. Degrees</p> <p><u>A cognate or minor is not required for the BAIS degree. Students who opt to complete a cognate or minor must follow requirements for the cognate or minor as detailed in the College of Arts and Sciences section of the Bulletin.</u></p>
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<p>programs have specific cognate requirements.</p> <p>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.</p> <p>Courses applied toward general education requirements cannot be counted toward the cognate.</p> <p>For Bachelor of Arts degrees, all cognate courses must be passed with a grade of C or higher.</p>	
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<h2>Procedure</h2> <hr/> <p>The following procedures shall be followed in designing a program of interdisciplinary studies.</p> <ol style="list-style-type: none"> 1. The candidate shall apply to the assistant dean for declaration of an interdisciplinary studies program. 2. The candidate must submit to the assistant dean a written statement of goals concerning a potential interdisciplinary studies program. 3. The assistant dean will help the candidate formulate an interdisciplinary program committee, which shall consist of faculty members from the student's areas of interdisciplinary interest. The members of the interdisciplinary program committee shall be appointed by the assistant dean, who will designate one member as chair and as the student's academic advisor. 4. The interdisciplinary program committee shall meet with the student and prepare a program of studies leading to the Bachelor of Arts in Interdisciplinary Studies. This program shall include a written justification for the specific program of studies designed with the student. The program of study must be approved by the committee prior to the completion of 75 hours. The committee and assistant dean must approve any subsequent changes in the student's program. 5. The candidate's academic advisor shall advise the student each semester and shall sign the necessary registration and other advisor's forms. Advising shall adhere to the student's approved program of studies. The academic advisor shall consult with the interdisciplinary program committee for approval should deviation from the original program become necessary or advisable. All 	<h2>Procedure</h2> <p>The following procedures shall be followed in designing a program of interdisciplinary studies.</p> <ol style="list-style-type: none"> 1. The candidate shall apply to the <u>College Academic Affairs and Advising Office</u> for declaration of an interdisciplinary studies program. 2. The candidate must submit to the <u>College Academic Affairs and Advising Office</u> a written statement of goals concerning a potential interdisciplinary studies program. 3. The <u>College Academic Affairs and Advising Office</u> will help the candidate formulate an interdisciplinary program committee, which shall consist of faculty members from the student's areas of interdisciplinary interest. The members of the interdisciplinary program committee shall be appointed by the <u>College Academic Affairs and Advising Office</u>, who will designate one member as chair and as the student's academic advisor. 4. The interdisciplinary program committee shall meet with the student and prepare a program of studies leading to the Bachelor of Arts in Interdisciplinary Studies. This program shall include a written justification for the specific program of studies designed with
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<p>changes shall be registered with the assistant dean.</p> <p>6. The college Interdisciplinary Studies Committee shall review and give final approval to individual programs of interdisciplinary studies.</p>	<p>the student. The program of study must be approved by the committee prior to the completion of 75 hours. The committee and <u>College Academic Affairs and Advising Office</u> must approve any subsequent changes in the student's program.</p> <p>5. The candidate's academic advisor shall advise the student each semester and shall sign the necessary registration and other advisor's forms. Advising shall adhere to the student's approved program of studies. The academic advisor shall consult with the interdisciplinary program committee for approval should deviation from the original program become necessary or advisable. All changes shall be registered with the <u>College Academic Affairs and Advising Office</u>.</p>
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Change in Major/Degree Program – Bachelor of Science with a major in Interdisciplinary Studies (BSIS)

<p><u>Existing</u></p> <p>Curriculum (128 Hours)</p> <p>Basic Degree Requirements for Bachelor of Science Degrees (128 Hours)</p> <p>Note: Bachelor of Science degrees with majors in Biological Sciences, Chemistry, Economics, Geography, Mathematics, Psychology, Sociology or Statistics, and the Bachelor of Science in Chemistry with a major in Chemistry require 120 hours. All other Bachelor of Science degrees require a minimum of 128 hours.</p> <p>1. Carolina Core Plus General Education Requirements</p>	<p><u>Proposed</u></p> <p>Curriculum (<u>120</u> hours)</p> <p>Basic Degree Requirements for Bachelor of Science Degrees (<u>120</u> Hours)</p> <p>Note: Bachelor of Science degrees with majors in Biological Sciences, Chemistry, Economics, Geography, <u>Geological Sciences</u>, <u>Interdisciplinary Studies</u>, Mathematics, <u>Physics</u>, Psychology, Sociology or Statistics, and the Bachelor of Science in Chemistry with a major in Chemistry require 120 hours. All other Bachelor of Science degrees require a minimum of 128 hours.</p> <p>1. Carolina Core Plus General Education Requirements</p> <p>2. Major</p> <p>3. Cognate or Minor Requirements (<u>optional</u>)</p>
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<p>2. Major</p> <p>3. Cognate or Minor Requirements</p> <p>4. Electives</p>	<p>4. Electives</p>
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<p>2. Major</p> <hr/> <p>Interdisciplinary Studies Program Requirements (36 Hours)</p> <hr/> <p>Each student must complete a program of studies designed by an interdisciplinary program committee appointed by the assistant dean and approved by the college Interdisciplinary Studies Committee. The program shall include a minimum of 36 semester hours of credit in major eligible courses in two or more fields. No course submitted in fulfillment of the general education requirements may be included in the program requirements.</p>	<p>2. Major</p> <p>Interdisciplinary Studies Program Requirements (36 Hours)</p> <p>Each student must complete a program of studies designed by an interdisciplinary program committee appointed by the <u>College Academic Affairs and Advising Office</u>. The program shall include a minimum of 36 semester hours of credit in major eligible courses in two or more fields. No course submitted in fulfillment of the general education requirements may be included in the program requirements. <u>A maximum of 15 semester hours of independent study courses may be applied to the interdisciplinary studies program requirement.</u></p>
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<p>3. Cognate or Minor Requirements (12-18 Hours) for B.S. Degrees</p> <hr/> <p>Cognate</p> <hr/> <p>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.</p> <p>Courses offered by departments and programs in the College of Arts and Sciences that are acceptable for cognate credit are outlined in the section titled Courses</p>	<p>3. Cognate or Minor Requirements (12-18 Hours) for B.S. Degrees</p> <p><u>A cognate or minor is not required for the BSIS degree. Students who opt to complete a cognate or minor must follow requirements for the cognate or minor as detailed in the College of Arts and Sciences section of the Bulletin.</u></p>
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<p>Acceptable for Cognate Credit in Degree Programs in the College of Arts and Sciences.</p> <p>For cognate course offerings in other colleges, consult the appropriate sections of this bulletin. Some major programs have specific cognate requirements.</p> <p>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.</p> <p>Courses applied toward general education requirements cannot be counted toward the cognate.</p> <p>For Bachelor of Science degrees, grades of D are acceptable for completion of the cognate requirement, except where restricted by the major program.</p>	
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<p>Procedure</p> <hr/> <p>The following procedures shall be followed in designing a program of interdisciplinary studies:</p> <ol style="list-style-type: none"> 1. The candidate shall apply to the assistant dean for declaration of an interdisciplinary studies program. 2. The candidate must submit to the assistant dean a written statement of goals concerning a potential interdisciplinary studies program. 3. The assistant dean will help the candidate formulate an interdisciplinary program committee, which shall consist of faculty members from the student's areas of interdisciplinary interest. The members of the interdisciplinary program committee shall be appointed by the assistant dean, who will designate one member as chair and as the student's academic advisor. 4. The interdisciplinary program committee shall meet with the student and prepare a program of studies leading to the Bachelor of Science in Interdisciplinary Studies. The program shall include a written justification for the specific program of studies designed with the student. The program of study must be approved by the committee prior to the completion of 90 hours. The committee and assistant dean must approve any subsequent changes in the student's program. 5. The candidate's academic advisor shall advise the student each semester and shall sign the necessary registration and other 	<p>Procedure</p> <p>The following procedures shall be followed in designing a program of interdisciplinary studies:</p> <ol style="list-style-type: none"> 1. The candidate shall apply to the <u>College Academic Affairs and Advising Office</u> for declaration of an interdisciplinary studies program. 2. The candidate must submit to the <u>College Academic Affairs and Advising Office</u> a written statement of goals concerning a potential interdisciplinary studies program. 3. The <u>College Academic Affairs and Advising Office</u> will help the candidate formulate an interdisciplinary program committee, which shall consist of faculty members from the student's areas of interdisciplinary interest. The members of the interdisciplinary program committee shall be appointed by the <u>College Academic Affairs and Advising Office</u>, who will designate one member as chair and as the student's academic advisor. 4. The interdisciplinary program committee shall meet with the student and
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advisor's forms. Advising shall adhere to the student's approved program of studies. The academic advisor shall consult with the interdisciplinary program committee for approval should deviation from the original program become necessary or advisable. All changes shall be registered with the assistant dean.

6. The college Interdisciplinary Studies Committee shall review and give final approval to individual programs of interdisciplinary studies.

Bachelor of Science in Interdisciplinary Studies Degree After Completion of One Year of Medical or Dental School. Upon application to the College of Arts and Sciences, Undergraduate Studies, Jones Physical Center 109, a student who has completed 95 hours or more of degree-applicable undergraduate work at the University of South Carolina (with the last 30 hours in residence at the University) with a grade point average of 2.00 or higher, will be granted the BSIS degree provided that:

1. The applicant has satisfied all graduation requirements for the BSIS degree in the College of Arts and Sciences, except for the final 33 hours.
2. The applicant has not applied these University of South Carolina credits to obtaining a baccalaureate degree from any institution.
3. The applicant submits documents from an accredited medical or dental school demonstrating satisfactory completion of the first year of study leading to a post-baccalaureate degree.
4. The applicant has the program of study approved by the college Interdisciplinary Studies Committee.
5. The assistant dean of the College of Arts and Sciences certifies that the requirements prescribed for the degree have been met.

Interested students enrolled at the University should consult the assistant dean of the College of Arts and Sciences for details concerning this option.

prepare a program of studies leading to the Bachelor of Science in Interdisciplinary Studies. The program shall include a written justification for the specific program of studies designed with the student. The program of study must be approved by the committee prior to the completion of 75 hours. The committee and College Academic Affairs and Advising Office must approve any subsequent changes in the student's program.

5. The candidate's academic advisor shall advise the student each semester and shall sign the necessary registration and other advisor's forms. Advising shall adhere to the student's approved program of studies. The academic advisor shall consult with the interdisciplinary program committee for approval should deviation from the original program become necessary or advisable. All changes shall be registered with the College Academic Affairs and Advising Office.

Bachelor of Science in Interdisciplinary Studies Degree After Completion of One Year of Medical or Dental School.

Upon application to the College Academic Affairs and Advising Office, a student who has completed 90 hours or more of degree-applicable undergraduate work at the University of South Carolina (with the last 30 hours in residence at the University) with a grade point average of 2.00 or higher, will be granted the BSIS degree provided that:

1. The applicant has satisfied all graduation requirements for the BSIS degree in the College of Arts and Sciences, except for the final 30 hours.
2. The applicant has not applied these

	<p>University of South Carolina credits to obtaining a baccalaureate degree from any institution.</p> <p>3. The applicant submits documents from an accredited medical or dental school demonstrating satisfactory completion of the first year of study leading to a post-baccalaureate degree.</p> <p>4. The applicant has the program of study approved by the <u>College Academic Affairs and Advising Office</u>.</p> <p>5. The <u>College Academic Affairs and Advising Office</u> certifies that the requirements prescribed for the degree have been met.</p> <p>Interested students enrolled at the University should consult the <u>College Academic Affairs and Advising Office</u> for details concerning this option.</p>
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A. Department of Art

Change in Major/Degree Program – BFA in Art Education

<p><u>Existing</u></p> <ol style="list-style-type: none"> 1. Carolina Core Plus General Education Requirements (32-49 Hours) 2. Certification Requirements (39 Hours) 3. Major Requirements (54 Hours) 	<p><u>Proposed</u></p> <ol style="list-style-type: none"> 1. Carolina Core Plus General Education Requirements (32-49 Hours) 2. Certification Requirements (42 Hours) 3. Major Requirements (51 Hours)
<p>Certification Requirements (39 hours)</p> <hr/> <p>The following professional courses in education are required for all students preparing to teach art in K-12 settings:</p> <ul style="list-style-type: none"> • <u>EDFI 300 - Schools In Communities</u> (3 Hrs) • <u>EDPY 401 - Learners and the Diversity of Learning</u> (3 Hrs) • <u>ARTE 571 - Directed Teaching in Art</u> (12 Hrs)* • <u>ARTE 525 - Elementary Methods for K-12 Art</u> 	<p>Certification Requirements (42 hours)</p> <hr/> <p>The following professional courses in education are required for all students preparing to teach art in K-12 settings:</p> <ul style="list-style-type: none"> • <u>EDFI 300 - Schools In Communities</u> (3 Hrs) • <u>EDPY 401 - Learners and the Diversity of Learning</u> (3 Hrs) • <u>EDRD 500 - Content Area Literacy PK-12 (3 Hrs) or EDEX 581 - Teaching Reading in the Content Areas to Adolescents with Reading</u>

<p><u>Certification (3 Hrs)**</u></p> <ul style="list-style-type: none"> • ARTE 525P - Elementary Methods for K-12 Art Certification Practicum (1 Hr)** • ARTE 530 - Art of Children (3 Hrs) • ARTE 540 - The School Art Program (3 Hrs)*** • ARTE 540P - Practicum in Art Education (1 Hr)*** • ARTE 550 - Incorporating New Media in Art Education (3 Hrs) • ARTE 560 - Secondary Methods for K-12 Art Certification (3 Hrs)**** • ARTE 560P - Secondary Methods for K-12 Art Certification Practicum (1 Hr)**** • ARTE 565 - Field Experience Seminar (3 hrs)* <p>Notes:</p> <hr/> <p><i>*Block courses—ARTE 571 and ARTE 565 are taken in the last year of study.</i></p> <p><i>**ARTE 525 & ARTE 525P are corequisites</i></p> <p><i>***ARTE 540 and ARTE 540P are corequisites</i></p> <p><i>****ARTE 560 and ARTE 560P are corequisites</i></p>	<p><u>Disabilities (3 Hrs)</u></p> <ul style="list-style-type: none"> • ARTE 571 - Directed Teaching in Art (12 Hrs)* • ARTE 525 - Elementary Methods for K-12 Art Certification (3 Hrs)** • ARTE 525P - Elementary Methods for K-12 Art Certification Practicum (1 Hr)** • ARTE 530 - Art of Children (3 Hrs) • ARTE 540 - The School Art Program (3 Hrs)*** • ARTE 540P - Practicum in Art Education (1 Hr)*** • ARTE 550 - Incorporating New Media in Art Education (3 Hrs) • ARTE 560 - Secondary Methods for K-12 Art Certification (3 Hrs)**** • ARTE 560P - Secondary Methods for K-12 Art Certification Practicum (1 Hr)**** • ARTE 565 - Field Experience Seminar (3 hrs)* <p>Notes:</p> <hr/> <p><i>*Block courses—ARTE 571 and ARTE 565 are taken in the last year of study.</i></p> <p><i>**ARTE 525 & ARTE 525P are corequisites</i></p> <p><i>***ARTE 540 and ARTE 540P are corequisites</i></p> <p><i>****ARTE 560 and ARTE 560P are corequisites</i></p>
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<p>Major Requirements (54 hours)</p> <hr/> <ul style="list-style-type: none"> ○ ARTS 103 - Fundamentals of Art (3 Hrs) ○ ARTS 104 - 3-Dimensional Design I (3 Hrs) ○ ARTS 111 - Basic Drawing I (3 Hrs) ○ ARTS 230 - Introduction to Drawing (3 Hrs) ○ ARTS 210 - Introduction to Painting (3 Hrs) ○ ARTS 215 - Introduction to Printmaking (3 Hrs) ○ ARTS 220 - Beginning Ceramics (3 Hrs) ○ ARTS 225 - Introduction to Three-Dimensional Studies or ARTS 555 - 	<p>Major Requirements (51 hours)</p> <hr/> <ul style="list-style-type: none"> ○ ARTS 103 - Fundamentals of Art (3 Hrs) ○ ARTS 104 - 3-Dimensional Design I (3 Hrs) ○ ARTS 111 - Basic Drawing I (3 Hrs) ○ ARTS 230 - Introduction to Drawing (3 Hrs) ○ ARTS 210 - Introduction to Painting (3 Hrs) ○ ARTS 215 - Introduction to Printmaking (3 Hrs) ○ ARTS 220 - Beginning Ceramics (3 Hrs) ○ ARTS 225 - Introduction to Three-Dimensional Studies or ARTS 555 - Jewelrymaking I (3 Hrs) ○ ARTS 232 - Figure Structure I (3 Hrs)
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<ul style="list-style-type: none"> ○ Jewelrymaking I (3 Hrs) ○ ARTS 232 - Figure Structure I (3 Hrs) ○ ARTS 261 - Introduction to Photography (3 Hrs) ○ ARTS - Elective (3 Hrs) ○ ARTS - Elective (3 Hrs) ○ ARTS - Elective (3 Hrs) ○ ARTS - Elective (3 Hrs) <p><i>Each student must have a concentration of at least 9 hours in one studio area at the 200 level or above.</i></p> <p>Four additional courses in Art History</p> <hr/> <ul style="list-style-type: none"> ● ARTH 105 - History of Western Art I ● ARTH 106 - History of Western Art II ● ARTH - One course in contemporary Art History (3 Hrs) ● ARTH - Elective (3 Hrs) 	<ul style="list-style-type: none"> ○ ARTS 261 - Introduction to Photography (3 Hrs) ○ ARTS - Elective (3 Hrs) ○ ARTS - Elective (3 Hrs) ○ ARTS - Elective (3 Hrs) <p><i>Each student must have a concentration of at least 6 hours in one studio area at the 200 level or above.</i></p> <p>Four additional courses in Art History</p> <hr/> <ul style="list-style-type: none"> ● ARTH 105 - History of Western Art I ● ARTH 106 - History of Western Art II ● ARTH - One course in contemporary Art History (3 Hrs) ● ARTH - Elective (3 Hrs)
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B. Department of Biological Sciences

Change Description, Credit Hours, Course Hour Type and Prerequisite

From: BIOL 652 Evolutionary Biology. (4) A survey of major themes in evolutionary biology, including natural selection, molecular evolution, population genetics, quantitative genetics, sexual selection, speciation, and coevolution.
Prereq: BIOL 552 or consent of instructor

Course Hour Type: Variable

To: BIOL 652 Evolutionary Biology. (3) An advanced course in evolutionary biology, including natural selection, neutral evolution, molecular evolution population genetics, quantitative genetics, sexual selection, speciation, human evolution, and the evolution of disease.
Prereq: BIOL 301 and BIOL 303 or consent of instructor

Course Hour Type: Fixed

C. Chemistry and Biochemistry

Change in Major/Degree Program – Chemistry B.S.

<u>Existing</u>	<u>Proposed</u>
Major Prerequisites	Major Prerequisites

The following courses fulfill some of the general education requirements and some cognates and must be completed for a B.S. in Chemistry degree:

- PHYS 211 - Essentials of Physics I
- PHYS 211L - Essentials of Physics I Lab
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab
- MATH 241 - Vector Calculus
- One math course beyond MATH 241
- CSCE 145 or CSCE 206

Select one of the following options:

Option 1:

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- CHEM 111 - General Chemistry I
 - CHEM 112 - General Chemistry II

Option 2:

CHEM 141, 142 are equivalent to CHEM 111, 112, and 321L.

- CHEM 141 - Principles of Chemistry I
- CHEM 142 - Principles of Chemistry II

Major Requirements (37 Hours)

Courses in chemistry numbered 300 level and above to include the following:

- CHEM 322 - Analytical Chemistry
- CHEM 322L - Analytical Chemistry Laboratory
- CHEM 333 - Organic Chemistry I
- CHEM 333L - Comprehensive Organic Chemistry Laboratory I
- CHEM 334 - Organic Chemistry II
- CHEM 334L - Comprehensive Organic Chemistry Laboratory II
- CHEM 511 - Inorganic Chemistry
- CHEM 541 - Physical Chemistry
- CHEM 541L or CHEM 594

The following courses fulfill some of the general education requirements and some cognates and must be completed for a B.S. in Chemistry degree:

- PHYS 211 - Essentials of Physics I
- PHYS 211L - Essentials of Physics I Lab
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab
- MATH 141 – Calculus I
- MATH 142 – Calculus II
- MATH 241 - Vector Calculus
- One math course beyond MATH 241
- CSCE 145 or CSCE 206
- STAT 509 or STAT 515

Select one of the following options:

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Option 1:

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- CHEM 111 - General Chemistry I
 - CHEM 111L - General Chemistry I Laboratory
 - CHEM 112 - General Chemistry II
 - CHEM 112L – General Chemistry II Laboratory

Option 2:

CHEM 141, 142 are equivalent to CHEM 111 & 111L, 112 & 112L, and 321L.

- CHEM 141 - Principles of Chemistry I
- CHEM 142 - Principles of Chemistry II

Major Requirements (37 Hours)

Courses in chemistry numbered 300 level and above to include the following:

- CHEM 322 - Analytical Chemistry
- CHEM 322L - Analytical Chemistry Laboratory
- CHEM 333 - Organic Chemistry I
- CHEM 333L - Comprehensive Organic Chemistry Laboratory I
- CHEM 334 - Organic Chemistry II

<ul style="list-style-type: none"> • CHEM 542 - Physical Chemistry • CHEM 542L or CHEM 592 • CHEM 550 or CHEM 555 • CHEM 621 - Instrumental Analysis • CHEM 621L - Instrumental Analysis • 3 credits of undergraduate research <p>Notes:</p> <hr/> <p>Students who transfer into the program after completion of CHEM 331L and 332L may meet the organic chemistry requirements by completing CHEM 334L.</p>	<ul style="list-style-type: none"> • CHEM 334L - Comprehensive Organic Chemistry Laboratory II • CHEM 511 - Inorganic Chemistry • CHEM 541 - Physical Chemistry • CHEM 541L - Physical Chemistry Laboratory • CHEM 542 - Physical Chemistry • CHEM 542L - Physical Chemistry Laboratory • CHEM 550 or CHEM 555 • CHEM 621 - Instrumental Analysis • CHEM 621L - Instrumental Analysis • 3 credits of undergraduate research <p>Notes:</p> <hr/> <p>Students who transfer into the program after completion of CHEM 331L and 332L may meet the organic chemistry requirements by completing CHEM 334L.</p>
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Change in Major/Degree Program – B.S. in Biochemistry and Molecular Biology

<p><u>Existing</u></p> <p>Major Prerequisites</p> <hr/> <p>The following courses fulfill some of the general education requirements and must be completed for a B.S. degree with a major in biochemistry and molecular biology:</p> <ul style="list-style-type: none"> • MATH 141 - Calculus I • MATH 142 - Calculus II • MATH 241 - Vector Calculus • STAT 201 - Elementary Statistics • CSCE 102 - General Applications Programming or higher • PHYS 211 - Essentials of Physics I • PHYS 211L - Essentials of Physics I Lab • PHYS 212 - Essentials of Physics II • PHYS 212L - Essentials of Physics II Lab • It is recommended that students complete the foreign language requirement with French, German, Japanese, Russian, or Spanish. <p>Major Requirements (67 hours)</p> <ul style="list-style-type: none"> • BIOL 101 - Biological Principles I • BIOL 101L - Biological Principles I Laboratory • BIOL 102 - Biological Principles II 	<p><u>Proposed</u></p> <p>Major Prerequisites</p> <p>The following courses fulfill some of the general education requirements and must be completed for a B.S. degree with a major in biochemistry and molecular biology:</p> <ul style="list-style-type: none"> • MATH 141 - Calculus I • MATH 142 - Calculus II • MATH 241 - Vector Calculus • STAT 201 - Elementary Statistics • CSCE 102 - General Applications Programming or higher • PHYS 211 - Essentials of Physics I • PHYS 211L - Essentials of Physics I Lab • PHYS 212 - Essentials of Physics II • PHYS 212L - Essentials of Physics II Lab • It is recommended that students complete the foreign language requirement with French, German, Japanese, Russian, or Spanish. <p>Major Requirements (<u>64</u> hours)</p> <ul style="list-style-type: none"> • BIOL 101 - Biological Principles I • BIOL 101L - Biological Principles I Laboratory • BIOL 102 - Biological Principles II
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<ul style="list-style-type: none"> • BIOL 102L - Biological Principles II Laboratory • BIOL 302 - Cell and Molecular Biology • BIOL 302L - Cell and Molecular Biology Laboratory • BIOL 303 - Fundamental Genetics • 3 hours from: <ul style="list-style-type: none"> BIOL 425 BIOL 460 BIOL 543 BIOL 620 • BIOL 550 - Bacteriology • BIOL 550L - Bacteriology Laboratory • CHEM 111 - General Chemistry I • CHEM 112 - General Chemistry II • CHEM 322 - Analytical Chemistry • CHEM 322L - Analytical Chemistry Laboratory • CHEM 333 - Organic Chemistry I • CHEM 331L - Essentials of Organic Chemistry Laboratory I • CHEM 334 - Organic Chemistry II • CHEM 332L - Essentials of Organic Chemistry Laboratory II • CHEM 541 - Physical Chemistry • CHEM 541L - Physical Chemistry Laboratory • CHEM 545 - Physical Biochemistry • 11 hours from:- CHEM 399 or CHEM 496 – Undergraduate Research- <ul style="list-style-type: none"> ; BIOL 360 =CHEM 360 ; BIOL 545= CHEM 555 ; BIOL 546=CHEM 556 ; BIOL 541L=CHEM 550L • 6 hours from 400-600 level electives in Biology or Chemistry 	<ul style="list-style-type: none"> • BIOL 102L - Biological Principles II Laboratory • BIOL 302 - Cell and Molecular Biology • BIOL 302L - Cell and Molecular Biology Laboratory • BIOL 303 - Fundamental Genetics • 3 hours from: <p>BIOL 425</p> <p>BIOL 460</p> <p>BIOL 543</p> <p>BIOL 620</p> <ul style="list-style-type: none"> • BIOL 550 - Bacteriology • BIOL 550L - Bacteriology Laboratory • CHEM 111 - General Chemistry I • <u>CHEM 111L-General Chemistry I Laboratory</u> • CHEM 112 - General Chemistry II • <u>CHEM 112L-General Chemistry II Laboratory</u> • CHEM 322 - Analytical Chemistry • CHEM 322L - Analytical Chemistry Laboratory • CHEM 333 - Organic Chemistry I • CHEM 331L - Essentials of Organic Chemistry Laboratory I • CHEM 334 - Organic Chemistry II • CHEM 332L - Essentials of Organic Chemistry Laboratory II • CHEM 541 - Physical Chemistry • CHEM 541L - Physical Chemistry Laboratory • CHEM 545 - Physical Biochemistry • BIOL 360 =CHEM 360 • BIOL 545= CHEM 555 • BIOL 546=CHEM 556 • BIOL 541L=CHEM 550L • 6 hours from 400-600 level electives in Biology or Chemistry <p><u>Note: No more than 3 hours of research (BIOL 399 or CHEM 496) can be used to satisfy the elective requirement</u></p>
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Change in Major/Degree Program – Chemistry B.S.

<p><u>Existing</u></p> <p>Major Prerequisites</p> <hr/> <p>The following courses fulfill some of the general education requirements and some cognates and must be completed for a B.S. degree with a major in</p>	<p><u>Proposed</u></p> <p>Major Prerequisites</p> <hr/> <p>The following courses fulfill some of the general education requirements and some cognates and must be completed</p>
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chemistry:

- ~~Calculus through~~ MATH 241 - Vector Calculus
- CSCE 145 or CSCE 206
- PHYS 211 - Essentials of Physics I
- PHYS 211L - Essentials of Physics I Lab
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab

Choose one of the following options:

Option 1:

- CHEM 111 - General Chemistry I
- CHEM 112 - General Chemistry II

Option 2:

CHEM 141, 142 are equivalent to CHEM 111, 112, and 321L.

- CHEM 141 - Principles of Chemistry I
- CHEM 142 - Principles of Chemistry II

Major Requirements (27 Hours)

Required Courses (24 Hours)

- CHEM 322 - Analytical Chemistry
- CHEM 322L - Analytical Chemistry Laboratory
- CHEM 333 - Organic Chemistry I
- CHEM 333L - Comprehensive Organic Chemistry Laboratory I
- CHEM 334 - Organic Chemistry II
- CHEM 334L - Comprehensive Organic Chemistry Laboratory II
- CHEM 541 - Physical Chemistry
- CHEM 541L
or
CHEM 594
- CHEM 542 - Physical Chemistry
- CHEM 542L

for a B.S. degree with a major in chemistry:

- MATH 141 – Calculus I
- MATH 142 – Calculus II
- MATH 241 - Vector Calculus
- CSCE 145 or CSCE 206
- STAT 509 or STAT 515
- PHYS 211 - Essentials of Physics I
- PHYS 211L - Essentials of Physics I Lab
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab

Choose one of the following options:

Option 1:

- CHEM 111 - General Chemistry I
- CHEM 111L - General Chemistry I Laboratory
- CHEM 112 - General Chemistry II
- CHEM 112L - General Chemistry II Laboratory

Option 2:

CHEM 141, 142 are equivalent to CHEM 111 & 111L, 112 & 112L, and 321L.

- CHEM 141 - Principles of Chemistry I
- CHEM 142 - Principles of Chemistry II

Major Requirements (27 Hours)

Required Courses (24 Hours)

- CHEM 322 - Analytical Chemistry
- CHEM 322L - Analytical Chemistry Laboratory
- CHEM 333 - Organic Chemistry I
- CHEM 333L - Comprehensive Organic Chemistry Laboratory I
- CHEM 334 - Organic Chemistry II
- CHEM 334L - Comprehensive Organic Chemistry Laboratory II
- CHEM 541 - Physical Chemistry
- CHEM 541L - Physical Chemistry Laboratory

<p><u>or</u> <u>CHEM 592</u></p> <p>Select one course from the following:</p> <hr/> <ul style="list-style-type: none"> • CHEM 511 - Inorganic Chemistry • CHEM 533 - Comprehensive Organic Chemistry III • CHEM 545 - Physical Biochemistry • CHEM 550 - Biochemistry • CHEM 555 - Biochemistry/Molecular Biology I • CHEM 621 - Instrumental Analysis • CHEM 623 - Introductory Environmental Chemistry • CHEM 624 - Aquatic Chemistry • CHEM 633 - Introduction to Polymer Synthesis • CHEM 644 - Materials Chemistry 	<ul style="list-style-type: none"> • CHEM 542 - Physical Chemistry • CHEM 542L - Physical Chemistry Laboratory <p>Select one course from the following:</p> <hr/> <ul style="list-style-type: none"> • CHEM 511 - Inorganic Chemistry • CHEM 533 - Comprehensive Organic Chemistry III • CHEM 545 - Physical Biochemistry • CHEM 550 - Biochemistry • CHEM 555 - Biochemistry/Molecular Biology I • CHEM 621 - Instrumental Analysis • CHEM 623 - Introductory Environmental Chemistry • CHEM 624 - Aquatic Chemistry • CHEM 633 - Introduction to Polymer Synthesis • CHEM 644 - Materials Chemistry
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New courses

CHEM 655 Metabolic Biochemistry of Human Disease. (3) Core concepts of biochemistry as applied to human health and disease.

Prereq: Grade of C or higher in CHEM 555/BIOL 545 or CHEM 550/BIOL 541

CHEM 659 Special Topics in Biochemistry. (3) Selected topics in the field of biochemistry. May be repeated as content varies by title.

Prereq: Grade of C or higher in CHEM 555/BIOL 545 or CHEM 550/BIOL 541

Change Description

From: CHEM 399 Independent Study. (3) Contract approved by instructor, advisor, and department chair or dean is required.

To: CHEM 399 Independent Study. (3) Contract Required.

Change Description, Change Prerequisite

From: CHEM 621L Instrumental Analysis Lab. (1) Chemical instrumentation laboratory with environmental, forensic, and biotechnology applications.

Note: Three laboratory hours per week.

Corequisite: Prereq or coreq: CHEM 541, 621, and CHEM 541L or 591

To: CHEM 621L Instrumental Analysis Lab. (1) Methods, principles and strategies for chemical instrumentation in analysis. Chemical instrumentation laboratory with environmental, forensic, and biotechnology applications.

Note: Three laboratory hours per week

Coreq: CHEM 621

Change Description, Change Credit Hours, Credit Hour Type

From: CHEM 639 Special Topics in Organic Chemistry. (1) Current developments in organic chemistry. Readings and research on selected topics. Course content varies by title and suffix and will be announced in the schedule of classes. May be repeated for credit

Course Hour Type: Variable

To: CHEM 639 Special Topics in Organic Chemistry. (3) Current developments in organic chemistry. Readings and research on selected topics. May be repeated as content varies by title.

Coure Hour Type: Fixed

Correct Title and Change Prerequisite

From: CHEM 106 Chemistry and Modern Man II. (3)
Prereq: CHEM 105

To: CHEM 106 Chemistry and Modern Society II. (3)
Prereq: Grade of C or higher in CHEM 105

From: CHEM 106L Chemistry and Modern Man Laboratory. (1)
Prereq: CHEM 105

To: CHEM 106L Chemistry and Modern Society II Laboratory. (1)
Coreq: CHEM 106 (unless a grade of C or higher earned previously)
Prereq: Grade of C or higher in CHEM 105

Delete Prerequisite

From: CHEM 360 Undergraduate Seminar. (1)
Prereq: CHEM 333, BIOL 303

To: CHEM 360 Undergraduate Seminar. (1)

Change Prerequisite and other Change

From: CHEM 533 Comprehensive Organic Chemistry III. (3)
Prereq: CHEM 334 or the equivalent

To: CHEM 533 Comprehensive Organic Chemistry III. (3)
Prereq: Grade of C or higher in CHEM 334

Other Change: For Undergraduate Credit Only

From: CHEM 541 Physical Chemistry. (3)
Prereq: Grade of C or better in Chem 112 (or Chem 142), in PHYS 212 (or PHYS 207), and in MATH 241; or consent of instructor

To: CHEM 541 Physical Chemistry. (3)
Prerequisites: Grade of C or higher in CHEM 112 (or CHEM 142) and in MATH 241 or higher MATH. Corequisite: PHYS 212; unless a grade of "C" or higher in PHYS 212 earned previously.

Other Change: For Undergraduate Credit Only

Add Co-Requisites and/or Change Prerequisites

From: CHEM 111 General Chemistry I. (3)
Prereq: MATH 111 or 115 (or higher)

To: CHEM 111 General Chemistry I. (3)
Prerequisites: Grade of C or higher in MATH 111, MATH 115, MATH 122, MATH 141 or higher math (or by placement score into MATH 122, MATH 141 or higher math) Co-requisite: CHEM 111L (unless grade of C or higher in CHEM 111L earned previously)

From: CHEM 112 General Chemistry II. (3)
Prereq: MATH 111 or 115 (or higher) and a grade of C or better in CHEM 111 or CHEM 141

To: CHEM 112 General Chemistry II. (3)
Prerequisites: Grade of C or higher in CHEM 111 or CHEM 141; and a grade of C or higher in MATH 111, MATH 115, MATH 122, MATH 141 or higher math. Co-requisite: MATH 122, MATH 141 or higher MATH and CHEM 112L.

From: CHEM 118 Computational Chemistry I. (1)
Coreq: Prereq or coreq: CHEM 112 or CHEM 142
Prereq: Prereq or coreq: CHEM 112 or CHEM 142

To: CHEM 118 Computational Chemistry I. (1)
Corequisite: CHEM 112 and CHEM 112L or CHEM 142 (unless a grade of C or higher earned previously)

From: CHEM 141 Principles of Chemistry. (4)
Prereq: high-school chemistry; Prereq or coreq: MATH 141 or higher.

To: CHEM 141 Principles of Chemistry. (4)
Prerequisites: high-school chemistry; grade of C or higher in MATH 141 or higher math (or by placement score into MATH 142 or higher math).

- From: CHEM 142 Principles of Chemistry II. (4)
Prereq: CHEM 141
- To: CHEM 142 Principles of Chemistry II. (4)
Prereq: Grade of C or higher in CHEM 141
- From: CHEM 318 Computational Chemistry II. (1)
Prereq: CSCE 145 or 206, CHEM 118 or consent of instructor
- To: CHEM 318 Computational Chemistry II. (1)
Prereq: Grade of C or higher in CSCE 145 or 206 and in CHEM 118 or consent of instructor
- From: CHEM 321 Quantitative Analysis. (3)
Co-req: CHEM 321L
Prereq: CHEM 112 and 112L or CHEM 142
- To: CHEM 321 Quantitative Analysis. (3)
Corequisite: CHEM 321L Prerequisites: Grade of C or higher in CHEM 112 and CHEM 112L or in CHEM 142
- From: CHEM 322 Analytical Chemistry. (3)
Co-req: CHEM 322L
Prereq: Grade of C or better in CHEM 112 and CHEM 112L or CHEM 142 and MATH 141
- To: CHEM 322 Analytical Chemistry. (3)
Corequisite: CHEM 322L Prerequisites: Grade of C or higher in CHEM 112 and CHEM 112L (or in CHEM 142) and in MATH 141 or higher MATH.
- From: CHEM 331L Essentials of Organic Chemistry Laboratory I. (1)
Co-req: Prereq or coreq: CHEM 333
Prereq: Prereq or coreq: CHEM 333
- To: CHEM 331L Essentials of Organic Chemistry Laboratory I. (1)
Co-req: CHEM 333 (unless grade of C or higher in CHEM 333 earned previously)
- From: CHEM 332L Essentials of Organic Chemistry Laboratory II. (1)
Co-req: CHEM 334
Prereq: CHEM 331L or, with permission of instructor, CHEM 333L, CHEM 334
- To: CHEM 332L Essentials of Organic Chemistry Laboratory II. (1)

Corequisite: CHEM 334 (unless grade of C or higher in CHEM 334 earned previously) Prerequisite: Grade of C or higher in CHEM 331L

- From: CHEM 340 Elementary Biophysical Chemistry. (3)
Prereq: CHEM 112 or CHEM 142
- To: CHEM 340 Elementary Biophysical Chemistry. (3)
Prereq: Grade of C or higher in CHEM 112 and CHEM 112L or in CHEM 142
- From: CHEM 340L Elementary Biophysical Chemistry Laboratory. (1)
Prereq: CHEM 340 or 550
- To: CHEM 340L Elementary Biophysical Chemistry Laboratory. (1)
Prereq: Grade of C or higher in CHEM 340 or 550
- From: CHEM 496 This title changes based on the title listed on the contract. (3)
Prereq: consent of instructor
- To: CHEM 496 This title changes based on the title listed on the contract. (3)
Prereq: Contract Required.
- From: CHEM 497 This title changes based on the title listed on the contract. (3)
Prereq: consent of instructor
- To: CHEM 497 This title changes based on the title listed on the contract. (3)
Prereq: Contract Required
- From: CHEM 498 This title changes based on the title listed on the contract. (3)
Prereq: consent of instructor
- To: CHEM 498 This title changes based on the title listed on the contract. (3)
Prereq: Contract Required
- From: CHEM 499 This title changes based on the title listed on the contract. (3)
Prereq: consent of instructor
- To: CHEM 499 This title changes based on the title listed on the contract. (3)
Prereq: Contract Required
- From: CHEM 511 Inorganic Chemistry. (3)
Prereq: CHEM 334, PHYS 212 or 207, and MATH 241
- To: CHEM 511 Inorganic Chemistry. (3)
Prereq: Grade of C or higher in CHEM 334, PHYS 212, and MATH 241

- From: CHEM 541L Physical Chemistry Laboratory. (2)
Coreq: Prereq or coreq: CHEM 541
Prereq: CHEM 321L or CHEM 142 or consent of instructor;
Prereq or coreq: 541
- To: CHEM 541L Physical Chemistry Laboratory. (2)
Corequisite: CHEM 541 (unless grade of C or higher in CHEM 541 earned previously) Prerequisites: Grade of C or higher in CHEM 321L or in CHEM 322L or in CHEM 142.
- From: CHEM 542 Physical Chemistry. (3)
Prereq: Grade of C or better in CHEM 112 (or CHEM 142), in PHYS 212 (or 207), and in MATH 241; or consent of instructor
- To: CHEM 542 Physical Chemistry. (3)
Prereq: Grade of C or higher in CHEM 112 (or CHEM 142), MATH 241 and PHYS 212
- From: CHEM 542L Physical Chemistry Laboratory. (2)
Prereq: CHEM 321L or CHEM 142 or consent of instructor;
Prereq or coreq: CHEM 542
- To: CHEM 542L Physical Chemistry Laboratory. (2)
Prereq: Grade of C or higher in CHEM 321L or in CHEM 142 or consent of instructor Co-requisite: CHEM 542 (unless grade of C or higher in CHEM 542 earned previously)
- From: CHEM 545 Physical Biochemistry. (3)
Prereq: CHEM 541 and CHEM 550
- To: CHEM 545 Physical Biochemistry. (3)
Prereq: Grade of C or higher in CHEM 541 and CHEM 550
- From: CHEM 621 Instrumental Analysis. (3)
Coreq: Prereq or coreq: CHEM 541, and CHEM 541L or CHEM 591
Prereq: Prereq or coreq: CHEM 541, and CHEM 541L or CHEM 591
- To: CHEM 621 Instrumental Analysis. (3)
Prereq: Grade of C or higher in CHEM 321 or 322
- From: CHEM 622 Forensic Analytical Chemistry. (3)
Prereq: CHEM 321/321L and CHEM 334/332L or 334L
- To: CHEM 622 Forensic Analytical Chemistry. (3)
Prereq: Grade of C or higher in CHEM 321/321L and in CHEM 334/332L or 334L

- From: CHEM 623 Introductory Environmental Chemistry. (3)
Prereq: CHEM 321, CHEM 333, and MATH 142
- To: CHEM 623 Introductory Environmental Chemistry. (3)
Prereq: Grade of C or higher in CHEM 321, in CHEM 333, and in MATH 142
- From: CHEM 633 Introduction to Polymer Synthesis. (3)
Prereq: CHEM 334 or equivalent
- To: CHEM 633 Introduction to Polymer Synthesis. (3)
Prereq: Grade of C or higher in CHEM 334
- From: CHEM 644 Materials Chemistry. (3)
Corequisite: Prereq or coreq: CHEM 542
Prerequisites: Prereq or coreq: CHEM 542
- To: CHEM 644 Materials Chemistry. (3)
Corequisite: CHEM 542 (unless a grade of C or higher earned previously.)

Add Note/Restrictions

- CHEM 321L Quantitative Analysis Lab.(1)
Note: Credit cannot be received for both CHEM 321L and CHEM 322L.
- CHEM 322L Analytical Chemistry Lab. (1)
Note: Credit cannot be received for both CHEM 321L and CHEM 322L
- CHEM 401 Industrial Chemistry Capstone Experience. (3)
Restrictions to: Chemistry, Biochemistry & Molecular Biology, Chemical Engineering, and Biomedical Engineering Majors

Change Add Co-Requisites and/or change Prerequisite, Remove Specification

- From: CHEM 333 Organic Chemistry I. (3)
Prereq: CHEM 112 or CHEM 142
- To: CHEM 333 Organic Chemistry I. (3)
Prereq: Grade of C or higher in CHEM 112 or in CHEM 142
- Remove the Specification: "Required for chemistry majors."
- From: CHEM 334 Organic Chemistry II. (3)
Prereq: CHEM 333
- To: CHEM 334 Organic Chemistry II. (3)
Prereq: Grade of C or higher in CHEM 333

Remove the Specification: "Required for chemistry majors."

Change Prerequisite, Add Restrictions

From: CHEM 333L Comprehensive Organic Chemistry Laboratory I. (2)
Coreq: Prereq or Coreq: CHEM 331 or CHEM 333
Prereq: Prereq or coreq: CHEM 331 or CHEM 333

To: CHEM 333L Comprehensive Organic Chemistry Laboratory I. (2)
Corequisite: CHEM 333 (unless grade of C or higher in CHEM 333 earned previously)

Restricted: Chemistry, Biochemistry & Molecular Biology, Chemical Engineering, Biomedical Engineering majors

From: CHEM 334L Comprehensive Organic Chemistry Laboratory II. (2)
Coreq: Prereq or Coreq: CHEM 334
Prereq: coreq: CHEM 334

To: CHEM 334L Comprehensive Organic Chemistry Laboratory II. (2)
Co-requisite: CHEM 334 (unless grade of C or higher in CHEM 334 earned previously) Prerequisites: Grade of C or higher in CHEM 333L

Restricted to: Chemistry, Biochemistry & Molecular Biology, Chemical Engineering, Biomedical Engineering majors

Add Carolina Core Designation

From: CHEM 107 Forensic Chemistry. (4)

To: CHEM 107 Forensic Chemistry. (4)
Carolina Core SCI

D. Department of English

New Course

ENGL 350 Introduction to Comics Studies. [=FILM 350] (3) Scholarly study of the formal and aesthetic evolutions of graphic novels, comic books, and other related forms.

E. Department of Film Studies

Change in Major/Degree Program – Film and Media Studies.

<u>Existing</u>	<u>Proposed</u>
Change Existing Designators: FILM	Proposed Designator: FAMS
Overview	Overview
The Film and Media Studies Program is an	The Film and Media Studies Program is an interdisciplinary

<p>interdisciplinary program in the College of Arts and Sciences devoted to the critical study of moving image culture—its history, theory, and criticism. The major offers crucial knowledge and analytical skills in our increasingly media-saturated culture, as well as the core strengths of a liberal arts education.</p> <p>Students who might want to major or minor in film and media studies, or whose course of study would benefit from knowing how to closely analyze audiovisual media (e.g., film, video, digital media), should begin their course work with FILM 240. FILM 300 is also appropriate for entering students, regardless of major, who want more in-depth knowledge of the history of moving image culture. FILM 110 is designed for non-majors. All of these courses can be used to fulfill general education requirements in the Carolina Core.</p> <p>For current course offerings and descriptions, and a list of our affiliate faculty, students should consult the Film and Media Studies Program Web site, www.cas.sc.edu/film.</p>	<p>program in the College of Arts and Sciences devoted to the critical study of moving image culture—its history, theory, and criticism. The major offers crucial knowledge and analytical skills in our increasingly media-saturated culture, as well as the core strengths of a liberal arts education.</p> <p>Students who might want to major or minor in film and media studies, or whose course of study would benefit from knowing how to closely analyze audiovisual media (e.g., film, video, digital media), should begin their course work with <u>FAMS</u>240. <u>FAMS</u> 300 is also appropriate for entering students, regardless of major, who want more in-depth knowledge of the history of moving image culture. <u>FAMS</u> 110 is designed for non-majors. All of these courses can be used to fulfill general education requirements in the Carolina Core.</p> <p>For current course offerings and descriptions, and a list of our affiliate faculty, students should consult the Film and Media Studies Program Web site, www.artsandsciences.sc.edu/film</p>
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F. Department of Geography

Change Descripton and add Carolina Core Designation

From: GEOG 105 The Digital Earth. (3) Use of maps, aerial photographs, and images from satellites as representations of the earth’s surface.

To: GEOG 105 The Digital Earth. (3) Introduction to geographic data; use of digital maps and aerial/satellite images as means of Earth observation; basics of spatial data analysis; location-based Web APPs; digital map services.

Carolina Core ARP

G. Department of Languages, Literatures and Cultures

Change in Major/Degree Program – Classics, B.A.

<u>Existing</u>	<u>Proposed</u>
<p>2. Classics Major (24 Hours)</p> <hr/> <p>Select 1 concentration from the following:</p> <p>Latin Concentration</p> <hr/> <ul style="list-style-type: none"> • Select 18 hours from LATN 300 or above • Select 6 hours from GREK 300 or above <p>Greek Concentration</p> <hr/> <ul style="list-style-type: none"> • Select 18 hours of GREK 300 or above • Select 6 hours of LATN 300 or above 	<p>2. Classics Major (24 Hours)</p> <hr/> <p>Select 1 concentration from the following:</p> <p>Latin Concentration</p> <hr/> <ul style="list-style-type: none"> • Select 18 hours from LATN 300 or above • Select 6 hours from GREK 300 or above <p>Greek Concentration</p> <hr/> <ul style="list-style-type: none"> • Select 18 hours of GREK 300 or above • Select 6 hours of LATN 300 or above

Classical Studies Concentration

- Prerequisite: GREK 122 or LATN 122 or level 4 on placement test
- Select 6 hours from: GREK or LATN 300 or above, CLAS 305, CLAS 320, CLAS 321
- [CLAS 586 - Classical Mythology](#)
- [CLAS 401](#)
or
[CPLT 301](#)
- Select Three Hours from [HIST 302](#), [HIST 303](#), or [HIST 304](#)
- Select 6 hours of [Program Electives](#)

Teacher Certification Option (73 Hours)

- Select 27 hours of LATN 300 or above
- [GREK 121 - Elementary Ancient Greek I](#)
- [GREK 122 - Elementary Ancient Greek II](#)
- [CLAS 586 - Classical Mythology](#)
- [FORL 472 - Introduction to Technology in Language Education](#)
- [FORL 510 - Teaching Second Languages to Young Children](#)
- [FORL 511 - Teaching Foreign Languages in Secondary Schools](#)
- [EDFI 300 - Schools In Communities](#)
- [EDTE 400 - Learning Through Community Service](#)
- [EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities](#)
- [EDPY 401 - Learners and the Diversity of Learning](#)
- [EDPY 401P - Practicum: Learners and the Diversity of Learning](#)
- [EDSE 584 - Middle and High School Internship Seminar](#)
- [FORL 448 - Teaching Internship in Foreign Languages](#)
- [FORL 474 - Directed Teaching in Foreign Languages](#)

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

Classical Studies Concentration

- Prerequisite: GREK 122 or LATN 122 or level 4 on placement test
- Select 6 hours from: GREK or LATN 300 or above, CLAS 305, CLAS 320, CLAS 321
- [CLAS 586 - Classical Mythology](#)
- [CLAS 401](#)
or
[CPLT 301](#)
- Select Three Hours from [HIST 302](#), [HIST 303](#), or [HIST 304](#)
- Select 6 hours of [Program Electives](#)

Teacher Certification Option (74 Hours)

- Select 27 hours of LATN 300 or above
- [GREK 121 - Elementary Ancient Greek I](#)
- [GREK 122 - Elementary Ancient Greek II](#)
- [CLAS 586 - Classical Mythology](#)
- [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 - Literacy in Content Areas](#)
- [EDTE 201 - Issues and Trends in Teaching and Learning](#)
- [EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities](#)
- [EDPY 401 - Learners and the Diversity of Learning](#)
- [EDSE 584 - Middle and High School Internship Seminar](#)
- [FORL 448 - Teaching Internship in Foreign Languages](#)
- [FORL 474 - Directed Teaching in Foreign Languages](#)

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

<p>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.</p> <p>Note:</p> <p>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.</p>	<p>Affairs, at 803-777-6732.</p> <p>Note:</p> <hr/> <p>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.</p>
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Change in Major/Degree Program – Foreign Language Education Minor

<p><u>Existing</u></p> <p>Foreign Language Education Minor</p> <p>The Minor in Foreign Language Education is available only to students majoring in French, German, Spanish, or Classics.</p> <p>Required Courses</p> <ul style="list-style-type: none"> • EDFI 300 - Schools In Communities • EDPY 401 - Learners and the Diversity of Learning • EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities • EDTE 201 - Issues and Trends in Teaching and Learning • FORL 472 - Introduction to Technology in Language Education • FORL 510 - Teaching Second Languages to Young Children • FORL 511 - Teaching Foreign Languages in Secondary Schools <p>Note:</p> <p>Minors in Education or Foreign Language Education do not qualify candidates for a recommendation for teacher certification. See the College of Education Office of Student Affairs for information on teacher certification programs.</p>	<p><u>Proposed</u></p> <p>Foreign Language Education Minor</p> <p>The Minor in Foreign Language Education is available only to students majoring in French, German, Spanish, or Classics.</p> <p>Required Courses</p> <ul style="list-style-type: none"> • EDRD 500 - Literacy in Content Areas • EDPY 401 - Learners and the Diversity of Learning • EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities • EDTE 201 - Issues and Trends in Teaching and Learning • FORL 472 - Introduction to Technology in Language Education • FORL 510 - Teaching Second Languages to Young Children • FORL 511 - Teaching Foreign Languages in Secondary Schools <p>Note:</p> <p>Minors in Education or Foreign Language Education do not qualify candidates for a recommendation for teacher certification. See the College of Education Office of Student Affairs for information on teacher certification</p>
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Change in Major/Degree Program – French, B.A.

<u>Existing</u>	<u>Proposed</u>
<p>2. French Major (27 Hours)</p> <hr/> <p>A minimum grade of C is required in all major courses.</p> <p>General Option (27 Hours)</p> <hr/> <p>Required Core (9 Hours)</p> <hr/> <ul style="list-style-type: none"> • FREN 309 - Reading French Texts • FREN 310 - Advanced Oral Communication • FREN 311 - French Composition <p>Electives (18 Hours)</p> <hr/> <ul style="list-style-type: none"> • Select an additional 18 hours from FREN 300 - 500 with approval of the Undergraduate Advisor <p>Teacher Certification Option (37 Hours)</p> <hr/> <p>Students pursuing a French Major with Teaching Certification will complete the following courses in addition to the General French Major requirements:</p> <ul style="list-style-type: none"> • FORL 472 - Introduction to Technology in Language Education • FORL 510 - Teaching Second Languages to Young Children • FORL 511 - Teaching Foreign Languages in Secondary Schools • EDFI 300 - Schools In Communities • EDTE 400 - Learning Through Community Service • EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities • EDPY 401 - Learners and the Diversity of Learning • EDPY 401P - Practicum: Learners and the Diversity of Learning 	<p>2. French Major (27 Hours)</p> <hr/> <p>A minimum grade of C is required in all major courses.</p> <p>General Option (27 Hours)</p> <hr/> <p>Required Core (9 Hours)</p> <hr/> <ul style="list-style-type: none"> • FREN 309 - Reading French Texts • FREN 310 - Advanced Oral Communication • FREN 311 - French Composition <p>Electives (18 Hours)</p> <hr/> <ul style="list-style-type: none"> • Select an additional 18 hours from FREN 300 - 500 with approval of the Undergraduate Advisor <p>Teacher Certification Option (38 Hours)</p> <hr/> <p>Students pursuing a French Major with Teaching Certification will complete the following courses in addition to the General French Major requirements:</p> <ul style="list-style-type: none"> • 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 - Literacy in Content Areas • EDTE 201 - Issues and Trends in Teaching and Learning • EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities • EDPY 401 - Learners and the Diversity of Learning • EDSE 584 - Middle and High School Internship Seminar

<ul style="list-style-type: none"> • EDSE 584 - Middle and High School Internship Seminar • FORL 448 - Teaching Internship in Foreign Languages • FORL 474 - Directed Teaching in Foreign Languages <p>Application and Admission</p> <hr/> <p>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.</p> <p>Note</p> <hr/> <p>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.</p>	<ul style="list-style-type: none"> • FORL 448 - Teaching Internship in Foreign Languages • FORL 474 - Directed Teaching in Foreign Languages <p>Application and Admission</p> <hr/> <p>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.</p> <p>Note</p> <hr/> <p>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.</p>
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Change in Major/Degree Program – German, B.A.

<p><u>Existing</u></p> <p>2. German Major (27 Hours)</p> <hr/> <p>A minimum grade of C is required in all major courses.</p> <p>General Option (27 Hours)</p> <hr/> <ul style="list-style-type: none"> • GERM 410 • GERM 411 • Two 400-level literature courses chosen from GERM 420, 430, 440, 450, 460 • One GERM course at the 500-level • Three GERM courses at the 300-level or above • One GERM course at 220 or above <p>Note</p> <hr/>	<p><u>Proposed</u></p> <p>2. German Major (27 Hours)</p> <hr/> <p>A minimum grade of C is required in all major courses.</p> <p>General Option (27 Hours)</p> <hr/> <ul style="list-style-type: none"> • GERM 410 • GERM 411 • Two 400-level literature courses chosen from GERM 420, 430, 440, 450, 460 • One GERM course at the 500-level • Three GERM courses at the 300-level or above • One GERM course at 220 or above <p>Note</p> <hr/> <p>Only two GERM courses taught in English may apply to the</p>
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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 (37 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
- EDFI 300 - Schools In Communities
- EDTE 400 - Learning Through Community Service
- EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities
- EDPY 401 - Learners and the Diversity of Learning
- EDPY 401P - Practicum: Learners and the Diversity of Learning
- EDSE 584 - Middle and High School Internship Seminar
- FORL 448 - Teaching Internship in Foreign Languages
- FORL 474 - Directed Teaching in Foreign Languages

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.

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

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 - Literacy in Content Areas
- EDTE 201 - Issues and Trends in Teaching and Learning
- EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities
- EDPY 401 - Learners and the Diversity of Learning
- EDSE 584 - Middle and High School Internship Seminar
- FORL 448 - Teaching Internship in Foreign Languages
- FORL 474 - Directed Teaching in Foreign Languages

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.

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.

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.

Change in Major/Degree Program – Spanish
Existing Program/Major Requirements

See batch course/curriculum changes.

Other Program Requirements:

Change Program Requirements:

See batch course/curriculum changes.
 SPAN 309, 310, and/or 300

Courses with Prerequisites Affected by Number Changes for

In each case, the prerequisite should be updated to reflect the new numbering:

Old	New
SPAN 309	SPAN 302
SPAN 310	SPAN 303
SPAN 300	SPAN 304

SPAN 312

Old:

Prerequisites: Placement at 300 level on Phase II placement exam, grade of C+ or better in SPAN ~~309~~, or consent of instructor. Department permission required for transfer students.

New:

Prerequisites: Placement at 300 level on Phase II placement exam, grade of C+ or better in SPAN 302, or consent of instructor. Department permission required for transfer students.

SPAN 316

Old:

Prerequisites: Placement at 300 level on Phase II placement exam, grade of C+ or better in SPAN ~~309~~, or consent of instructor. Department permission required for transfer students.

New:

Prerequisites: Placement at 300 level on Phase II placement exam, grade of C+ or better in SPAN 302, or consent of instructor. Department permission required for transfer students.

SPAN 317

Old:

Prerequisites: Placement at 300 level of Phase II placement exam, C+ or better in SPAN ~~309~~, or consent of instructor; department permission required for transfer students.

N Prerequisites: Placement at 300 level of Phase II placement exam, C+ or better in SPAN 302, or consent of instructor; department permission required for transfer students.

LING 314

Old:

Prerequisites: Placement at 300 level of Phase II placement exam, C+ or better in SPAN ~~309~~, or consent of instructor; department permission required for transfer students.

New:

Prerequisites: Placement at 300 level of Phase II placement exam, C+ or better in SPAN 302, or consent of instructor; department permission required for transfer students.

SPAN 380

Old:

Prerequisites: Placement at 300 level on Phase II placement exam, grade of C+ or better in SPAN ~~309~~, or consent of instructor. Department permission required for transfer students.

New:

Prerequisites: Placement at 300 level on Phase II placement exam, grade of C+ or better in SPAN 302, or consent of instructor. Department permission required for transfer students.

SPAN 409

Old:

Prerequisites: SPAN ~~309~~ or consent of instructor

New:

Prerequisites: SPAN 302 or consent of instructor

SPAN 410

Old:

Prerequisites: SPAN ~~309~~, ~~310~~

Note: Restricted to Students who have successfully completed ~~309-310~~ and/or have permission of instructor to enroll.

New:

Prerequisites: SPAN 302, 303

Note: Restricted to Students who have successfully completed 302-303 and/or have permission of instructor to enroll.

PORT 299

Old:

Prerequisites: SPAN ~~309~~, advanced proficiency or equivalent in Spanish, or consent of instructor

New:

Prerequisites: SPAN 302, advanced proficiency or equivalent in Spanish, or consent of instructor

Curriculum Affected by Number Changes for SPAN 309, 310, and/or 300

Spanish Major and Spanish Minor should be updated to reflect the new numbering:

Old	New
SPAN 309	SPAN 302
SPAN 310	SPAN 303
SPAN 300	SPAN 304

Spanish Major

<u>Existing</u>	<u>Proposed</u>
Old	New
General Major (27 Hours)	General Major (27 Hours)
General Major (27 Hours)	18 hours from:
18 hours from:	<ul style="list-style-type: none"> • SPAN 302 - Advanced Spanish • SPAN 303 – Cultural Readings and Advanced Composition • SPAN 312 - Introduction to Reading Hispanic Literary Texts • SPAN 400 - Spanish Civilization
<ul style="list-style-type: none"> • SPAN 309 - Advanced Spanish Language I • SPAN 310 - Advanced Spanish Language II • SPAN 312 - Introduction to Reading Hispanic Literary Texts • SPAN 400 - Spanish Civilization 	

<p>or</p> <p>SPAN 500 - Contemporary Spain</p> <ul style="list-style-type: none"> SPAN 401 - Spanish American Civilization <p>or</p> <p>SPAN 501 - Contemporary Spanish America</p> <ul style="list-style-type: none"> SPAN 404 - Literary Tendencies and Masterpieces of Spain <p>or</p> <p>SPAN 405 - Literary Tendencies and Masterpieces of Spanish America</p> <p>or</p> <p>other literature course SPAN 300 or above</p> <p>Note:</p> <p>Select additional 9 hours electives from SPAN 300, 305, 307, 316, 317, 350, 375, 398, 409, 417, 499, and any 500-level; 3 hours may be chosen from PORT 299 or above.</p>	<p>or</p> <p>SPAN 500 - Contemporary Spain</p> <ul style="list-style-type: none"> SPAN 401 - Spanish American Civilization <p>or</p> <p>SPAN 501 - Contemporary Spanish America</p> <ul style="list-style-type: none"> SPAN 404 - Literary Tendencies and Masterpieces of Spain <p>or</p> <p>SPAN 405 - Literary Tendencies and Masterpieces of Spanish America</p> <p>or</p> <p>other literature course SPAN 300 or above</p> <p>Note: Select additional 9 hours electives from SPAN 304, 305, 307, 316, 317, 350, 375, 398, 409, 417, 499, and any 500-level; 3 hours may be chosen from PORT 299 or above.</p>
<p>Intensive Major (33 Hours)</p> <p>21 hours from:</p> <ul style="list-style-type: none"> SPAN 309 - Advanced Spanish Language I SPAN 310 - Advanced Spanish Language II SPAN 312 - Introduction to Reading Hispanic Literary Texts SPAN 400 - Spanish Civilization <p>or</p> <p>SPAN 500 - Contemporary Spain</p> <ul style="list-style-type: none"> SPAN 401 - Spanish American Civilization <p>or</p> <p>SPAN 501 - Contemporary Spanish America</p> <ul style="list-style-type: none"> SPAN 404 - Literary Tendencies and Masterpieces of Spain 	<p>Intensive Major (33 Hours)</p> <p>21 hours from:</p> <ul style="list-style-type: none"> SPAN 302 - Advanced Spanish SPAN 303 - Cultural Readings and Advanced Composition SPAN 312 - Introduction to Reading Hispanic Literary Texts SPAN 400 - Spanish Civilization <p>or</p> <p>SPAN 500 - Contemporary Spain</p> <ul style="list-style-type: none"> SPAN 401 - Spanish American Civilization <p>or</p> <p>SPAN 501 - Contemporary Spanish America</p> <ul style="list-style-type: none"> SPAN 404 - Literary Tendencies and Masterpieces of Spain

<p>or</p> <ul style="list-style-type: none"> SPAN 405 - Literary Tendencies and Masterpieces of Spanish America other literature course SPAN 300 or above SPAN 499 - Senior Seminar Attainment of an advanced rating on an oral proficiency interview conducted by a departmentally approved tester <p>Note</p> <p>Intensive majors must earn a minimum grade of B in all major courses.</p>	<p>or</p> <ul style="list-style-type: none"> SPAN 405 - Literary Tendencies and Masterpieces of Spanish America other literature course SPAN 300 or above SPAN 499 - Senior Seminar Attainment of an advanced rating on an oral proficiency interview conducted by a departmentally approved tester <p>Note</p> <p>Intensive majors must earn a minimum grade of B in all major courses.</p>
<p>Teacher Certification Option (64 Hours)</p> <ul style="list-style-type: none"> SPAN 300 - Cultural Readings for Conversation SPAN 309 - Advanced Spanish Language I SPAN 310 - Advanced Spanish Language II SPAN 312 - Introduction to Reading Hispanic Literary Texts SPAN 400 - Spanish Civilization SPAN 401 - Spanish American Civilization SPAN 404 - Literary Tendencies and Masterpieces of Spain SPAN 409 - Introduction to Stylistics in Spanish SPAN 515 - Introduction to Spanish Linguistics FORL 472 - Introduction to Technology in Language Education FORL 474 - Directed Teaching in Foreign Languages FORL 510 - Teaching Second Languages to Young Children FORL 511 - Teaching Foreign Languages in Secondary Schools EDFI 300 - Schools in Communities EDTE 400 - Learning Through Community Service EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities EDPY 401 - Learners and the Diversity of Learning EDPY 401P - Practicum: Learners and the Diversity of Learning EDSE 584 - Middle and High School Internship Seminar FORL 448 - Teaching Internship in Foreign 	<p>Teacher Certification Option (65 Hours)</p> <ul style="list-style-type: none"> SPAN 304 - Cultural Readings and Advanced Conversation SPAN 302 - Advanced Spanish SPAN 303 - Cultural Readings and Advanced Composition SPAN 312 - Introduction to Reading Hispanic Literary Texts SPAN 400 - Spanish Civilization SPAN 401 - Spanish American Civilization SPAN 404 - Literary Tendencies and Masterpieces of Spain SPAN 409 - Introduction to Stylistics in Spanish SPAN 515 - Introduction to Spanish Linguistics FORL 472 - Introduction to Technology in Language Education FORL 474 - Directed Teaching in Foreign Languages FORL 510 - Teaching Second Languages to Young Children FORL 511 - Teaching Foreign Languages in Secondary Schools EDRD 500 - Literacy in Content Areas EDTE 201 - Issues and Trends in Teaching and Learning EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities EDPY 401 - Learners and the Diversity of Learning EDSE 584 - Middle and High School Internship Seminar FORL 448 - Teaching Internship in Foreign Languages

Languages	
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Actual Curricular Changes in Teacher Certification Option are reflected in a separate proposal.

<u>Existing</u>	<u>Proposed</u>
Required Course (3 Hours)	Required Course (3 Hours)
<ul style="list-style-type: none"> SPAN 309 - Advanced Spanish Language I 	<ul style="list-style-type: none"> SPAN 302 - Advanced Spanish
Spanish 200 or Above (6 Hours)	Spanish 200 or Above (6 Hours)
<ul style="list-style-type: none"> Select 6 hours of SPAN 200 or above¹ 	<ul style="list-style-type: none"> Select 6 hours of SPAN 200 or above¹
Spanish 300 or Above (9 Hours)	Spanish 300 or Above (9 Hours)
<ul style="list-style-type: none"> Select 9 hours of Spanish 300 or above¹ 	<ul style="list-style-type: none"> Select 9 hours of Spanish 300 or above¹
Note	Note
¹ SPAN 345 may not be applied to the minor.	¹ SPAN 615 may not be applied to the minor.

Change in Major/Degree Program – Spanish, B.A.

<u>Existing</u>	<u>Proposed</u>
Spanish Major	Spanish Major
<i>No changes proposed to General Major or Intensive Major</i>	<i>No changes proposed to General Major or Intensive Major</i>
Teacher Certification Option (64 Hours)	Teacher Certification Option (65 Hours)
<ul style="list-style-type: none"> SPAN 300 - Cultural Readings for Conversation SPAN 309 - Advanced Spanish Language I SPAN 310 - Advanced Spanish Language II SPAN 312 - Introduction to Reading Hispanic Literary Texts SPAN 400 - Spanish Civilization SPAN 401 - Spanish American Civilization SPAN 404 - Literary Tendencies and Masterpieces of Spain SPAN 409 - Introduction to Stylistics in Spanish 	<ul style="list-style-type: none"> SPAN 300 - Cultural Readings for Conversation SPAN 309 - Advanced Spanish Language I SPAN 310 - Advanced Spanish Language II SPAN 312 - Introduction to Reading Hispanic Literary Texts SPAN 400 - Spanish Civilization SPAN 401 - Spanish American Civilization SPAN 404 - Literary Tendencies and Masterpieces of Spain SPAN 409 - Introduction to Stylistics in Spanish

- [SPAN 515 - Introduction to Spanish Linguistics](#)
- [FORL 472 - Introduction to Technology in Language Education](#)
- [FORL 474 - Directed Teaching in Foreign Languages](#)
- [FORL 510 - Teaching Second Languages to Young Children](#)
- [FORL 511 - Teaching Foreign Languages in Secondary Schools](#)
- [EDFI 300 - Schools In Communities](#)
- [EDTE 400 - Learning Through Community Service](#)
- [EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities](#)
- [EDPY 401 - Learners and the Diversity of Learning](#)
- [EDPY 401P - Practicum: Learners and the Diversity of Learning](#)
- [EDSE 584 - Middle and High School Internship Seminar](#)
- [FORL 448 - Teaching Internship in Foreign Languages](#)

Note

Cognate courses must be selected in consultation with the student's major advisor (12 hours). 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.

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.

- [SPAN 515 - Introduction to Spanish Linguistics](#)
- [FORL 472 - Introduction to Technology in Language Education](#)
- [FORL 474 - Directed Teaching in Foreign Languages](#)
- [FORL 510 - Teaching Second Languages to Young Children](#)
- [FORL 511 - Teaching Foreign Languages in Secondary Schools](#)
- [EDRD 500 - Literacy in Content Areas](#)
- [EDTE 201 - Issues and Trends in Teaching and Learning](#)
- [EDEX 491 - Introduction to Inclusion of Students with Mild Disabilities](#)
- [EDPY 401 - Learners and the Diversity of Learning](#)
- [EDSE 584 - Middle and High School Internship Seminar](#)
- [FORL 448 - Teaching Internship in Foreign Languages](#)

Note

Cognate courses must be selected in consultation with the student's major advisor (12 hours). 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.

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.

New Course

CHIN 550 Advanced Special Topics in Chinese Studies. (3) Advanced special topics in Chinese studies. May be repeated as content varies by title.

Change Title, course number, description and prerequisite

FROM: SPAN 300 Cultural Readings for Conversation. (3) Readings and discussion of topics affecting the Hispanic world. Emphasis on speaking and listening skills. Use of electronic media. Not open to native speakers.
Prereq: SPAN 210 or 211 or by Phase II placement exam

To: SPAN 304 Cultural Readings and Advanced Conversation. (3) Cultural readings about the Spanish-speaking world, and advanced speaking skills practice through various strategies such as group discussions, debates, presentations.
Prereq: SPAN 302, by Placement on Phase II placement exam or consent of instructor. Department permission required for transfer students.

FROM: SPAN 310 Advanced Spanish Language II. (3) Continuation of advanced practice of listening, speaking, reading, and writing skills.
Prereq: SPAN 309 by Placement on Phase II placement exam or consent of instructor. Department permission required for transfer students.

To: SPAN 303 Cultural Readings and Advanced Composition. (3) Development of advanced composition skills in Spanish on a variety of topics related to cultural production of the Spanish-speaking world.
Prereq: SPAN 302, by Placement on Phase II placement exam or consent of instructor. Department permission required for transfer students.

Change Title, course number and description

FROM: SPAN 309 Advanced Spanish Language I. (3) Advanced practice of listening, speaking, reading and writing skills.

To: SPAN 302 Advanced Spanish. (3) In-depth study of advanced grammatical structures of Spanish to develop proficiency in all 4 skills and cultural competency. Gateway course for Spanish majors.

H. Department of Linguistics

New Course

LING 474 Bilingualism [=ANTH 474] [=PSYC 474]. (3) Bilingual language development, social and cultural aspects of bilingualism, the bilingual brain, bilingualism throughout the lifespan.

I. Department of Philosophy

Change Title, course number and description

FROM: PHIL 110 Introduction to Logic I. (3) The nature of arguments; fallacies, criteria, and techniques of valid deductive inference; applications.

Carolina Core ARP

TO: PHIL 114 Introduction to Formal Logic I. (3) Formal logic, including foundational logical concepts, syntax and semantics of first-order logic; derivations; applications.

Carolina Core ARP

New Course

PHIL 115 Introduction to Formal Logic II. (3) Intermediate topics in predicate logic, including second-order predicate logic; meta-theory, including soundness and completeness; introduction to non-classical logic.
Prereq: PHIL 114 or approved equivalent

J. Department of Physic & Astronomy

Change in Minor - Physics Minor.

<p><u>Number Credit Hours: 20</u></p> <p><u>Existing</u></p> <p>Existing Cognate and Minor Requirements:</p> <p>Department of Physics and Astronomy College of Arts and Sciences</p> <p>Prerequisite Courses (4 Hours):</p> <ul style="list-style-type: none"> • ASTR 111 - Descriptive Astronomy I • ASTR 111A - Descriptive Astronomy IA <p>Required Courses (16 Hours):</p> <ul style="list-style-type: none"> • ASTR 211 - Descriptive Astronomy II • ASTR 211A - Descriptive Astronomy IIA • At least 12 hours in advanced courses numbered 311 or higher 	<p><u>Change Credit Hours: 22</u></p> <p><u>Proposed</u></p> <p>Astronomy Minor</p> <p>Department of Physics and Astronomy</p> <p>College of Arts and Sciences</p> <p>Prerequisite Courses (7-8 hours):</p> <ul style="list-style-type: none"> • ASTR 101 - Introduction to Astronomy I • MATH 122 or MATH 142 <p>Required Courses (at least 15 hours):</p> <ul style="list-style-type: none"> • ASTR 201 - Introduction to Astronomy II • ASTR electives: At least 9 hours in advanced ASTR courses numbered 300 or higher • Non-ASTR electives: With approval from the Department of Physics and Astronomy, up to 4 hours in courses from the following set: <ul style="list-style-type: none"> ○ CHEM 118 or higher ○ CSCE 145 or higher ○ EMCH 201 or higher ○ GEOL 201 or higher ○ MATH 174 or higher ○ PHYS 211 or higher ○ STAT 201 or higher <p>Advance consultation with the Physics & Astronomy Department is recommended to ensure that course credits will be acceptable for the astronomy minor. Note that some courses in the ASTR and non-ASTR electives list may have</p>
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additional prerequisites.

Delete courses

ASTR 311 Descriptive Astronomy III. (3)

New Course

ASTR 201 Introduction to Astronomy II: The Dark Universe. (3) Astronomical topics including stellar death, black holes, dark matter, dark energy and cosmology. Astronomical techniques and application of the scientific method in astronomy.

Carolina Core

Prereq: ASTR 101 or SCHC 115 or consent of instructor

K. Department of Sociology

Delete Course

SOCY 498 Research Seminar. (3)

L. Department of Statistics

Change in Major/Degree Program – BS in Statistics

<p>Existing Program / Major Requirements:</p> <p><u>Current</u> Additional Major Prerequisites for Emphasis in Actuarial Science</p> <hr/> <ul style="list-style-type: none"> FINA 341 – Management of Risk and Insurance <p>Select one course from the following:</p> <hr/> <ul style="list-style-type: none"> FINA 442 – Life Insurance FINA 443 – Property and Liability Insurance FINA 445 – Employee Benefits <p>Major Requirements</p> <hr/> <p>General Major (27 Hours)</p> <hr/> <p>Theory (9 Hours)</p> <hr/> <ul style="list-style-type: none"> STAT 511 - Probability* 	<p>Change Program / Major Requirements:</p> <p>Major Requirements</p> <hr/> <p>General Major (27* Hours)</p> <hr/> <p>Theory (9 Hours)</p> <hr/> <ul style="list-style-type: none"> STAT 511 - Probability STAT 512 - Mathematical Statistics STAT 513 - Theory of Statistical Inference <p>Methods and Computation (9 Hours)</p> <hr/> <ul style="list-style-type: none"> STAT 509** or STAT 515** STAT 516 - Statistical Methods II STAT 540 - Computing in Statistics <p>Advanced Applications (9 Hours)</p> <hr/> <ul style="list-style-type: none"> Select three courses from STAT 500** or above.
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<ul style="list-style-type: none"> • STAT 512 - Mathematical Statistics • STAT 513 - Theory of Statistical Inference 	
<p>Methods and Computation (9 Hours)</p>	<p>Major with Emphasis in Actuarial Science (45[±] hours)</p>
<ul style="list-style-type: none"> • STAT 509** or STAT 515** • STAT 516 - Statistical Methods II • STAT 540 - Computing in Statistics 	<p>Theory and Models (9 Hours)</p>
<p>Advanced Applications (9 Hours)</p>	<ul style="list-style-type: none"> • STAT 511 - Probability • STAT 512 - Mathematical Statistics • STAT 513 - Theory of Statistical Inference
<ul style="list-style-type: none"> • Select three courses from STAT 500** or above. 	<p>Methods and Computation (9 Hours)</p>
<p>Major with Emphasis in Actuarial Science (45 hours)</p>	<ul style="list-style-type: none"> • STAT 509** or STAT 515** • STAT 516 - Statistical Methods II • STAT 540 - Computing in Statistics
<p>Theory and Models (9 Hours)</p>	<p>Advanced Applications (9 Hours)</p>
<ul style="list-style-type: none"> • STAT 511 - Probability [±] • STAT 512 - Mathematical Statistics • STAT 513 - Theory of Statistical Inference 	<ul style="list-style-type: none"> • STAT 520 - Forecasting and Time Series • STAT 521 - Applied Stochastic Processes • Select one course from STAT 500** or above.
<p>Methods and Computation (9 Hours)</p>	<p>Minor in Risk Management and Insurance (18 Hours)</p>
<ul style="list-style-type: none"> • STAT 509** or STAT 515** • STAT 516 - Statistical Methods II • STAT 540 - Computing in Statistics 	<p>The Minor in Risk Management and Insurance is required for the Emphasis in Actuarial Science. Refer to the Risk Management and Insurance Minor for requirements.</p>
<p>Advanced Applications (9 Hours)</p>	<p>Note:</p>
<ul style="list-style-type: none"> • STAT 520 - Forecasting and Time Series • STAT 521 - Applied Stochastic Processes • Select one course from STAT 500** or above. 	<p>* A student double majoring in Mathematics and Statistics <u>may</u> use STAT 511 [=MATH 511] to satisfy a major requirement <u>in both programs</u>.</p>
<p>Minor in Risk Management and Insurance (18 Hours)</p>	<p><u>A student double majoring in Economics (in the College of Arts and Sciences) and Statistics may use the combination of both ECON 436 and STAT 506 in place of the combination of both STAT 516 and one of the STAT 500 or above advanced application courses for the Statistics major. In this case ECON 436 may satisfy a major requirement in both programs. ECON 436 and STAT 516 may not both be used to satisfy major requirements in</u></p>
<p>The Minor in Risk Management and Insurance is required for the Emphasis in Actuarial Science. Refer to the Risk Management and Insurance Minor for</p>	

<p>requirements.</p> <p>Note:</p> <hr/> <p>* A student double majoring in Mathematics and Statistics who uses STAT 511 [=MATH 511] to satisfy a major requirement in Mathematics may also use that course to satisfy this major requirement in Statistics.</p> <p>** Major credit will be given for only one of STAT 509 or STAT 515.</p>	<p><u>Statistics.</u></p> <p>** Major credit will be given for only one of STAT 509 or STAT 515. Neither <u>STAT 509 nor STAT 515 may be taken concurrently with, or after, STAT 513. A student who has started the Statistics major after taking STAT 512 may replace the STAT 509/515 requirement with an additional 3 hour advanced application course chosen from STAT 500 or above.</u></p>
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Change Prerequisite

- From: STAT 506 Introduction to Experimental Design. (3)
Prereq: MATH 122 or MATH 142 or STAT 201
- To: STAT 506 Introduction to Experimental Design. (3)
Prereq: A grade of C or higher in MATH 122 or MATH 141; or both
MATH 111 or higher and any statistical class
- From: STAT 517 Advanced Statistical Models. (3)
Prereq: STAT 512 or STAT 516 or equivalent
- To: STAT 517 Advanced Statistical Models. (3)
Prereq: A grade of C or higher in both STAT 511 and either STAT 516 or
ECON 436, or equivalent
- From: STAT 518 Nonparametric Statistical Methods. (3)
Prereq: A grade of C or higher in STAT 515 or equivalent
- To: STAT 518 Nonparametric Statistical Methods. (3)
Prereq: A grade of C or higher in STAT 515, STAT 509, STAT 512, or
equivalent
- From: STAT 519 Sampling. (3)
Prereq: STAT 515 or equivalent
- To: STAT 519 Sampling. (3)
Prereq: A grade of C or higher in STAT 515, STAT 509, STAT 512, or
Equivalent
- From: STAT 535 Introduction to Bayesian Data Analysis. (3)
Prereq: STAT 511 and 515 or equivalent, or CSCE 582[=STAT 582]
- To: STAT 535 Introduction to Bayesian Data Analysis. (3)

Prereq: A grade of C or higher in STAT 512; or CSCE 582 [=STAT 582]; or both STAT 511 and either STAT 509 or STAT 515; or equivalent.

From: STAT 540 Computing in Statistics. (3)
Prereq: STAT 509 or STAT 515 with a grade of C or higher

To: STAT 540 Computing in Statistics. (3)
Prereq: A grade of C or higher in STAT 515, STAT 509, STAT 512, or equivalent.

Add Note Below the Description:

STAT 509 Statistics for Engineers. (3)
Note: May not be taken concurrently with or after STAT 513, STAT 515, or STAT 516. Not for C.A.S., M.A.S., or Ph.D credit in Statistics.

STAT 515 Statistical Methods I. (3)
Note: May not be taken concurrently with or after STAT 509, STAT 513, or STAT 516. Not for C.A.S., M.A.S., M.S, or Ph.D. credit in Statistics.

Add Note Below the Description and Change Prerequisite:

From: STAT 516 Statistical Methods II. (3)
Prereq: a grade of C or higher in STAT 515 or STAT 509 or equivalent

To: STAT 516 Statistical Methods II. (3)
Note: Not for C.A.S., M.A.S., M.S, or Ph.D. credit in Statistics.

Prereq: A grade of C or higher in STAT 515, STAT 509, STAT 512, or equivalent

Change Title, Description and Prerequisite

From: STAT 530 Applied Multivariate Statistics. (3) Introduction to fundamental ideas in multivariate statistics using case studies. Descriptive, exploratory, and graphical techniques; introduction to cluster analysis, principal components, factor analysis, discriminant analysis. Hotelling's T2 and other methods.
Prereq: STAT 515 or PSYC 228 or MGSC 391 or equivalent

To: STAT 530 Applied Multivariate Statistics and Data Mining. (3) Introduction to fundamentals of multivariate statistics and data mining. Principal components and factor analysis; multidimensional scaling and cluster analysis; MANOVA and discriminant analysis; decision trees; and support vector machines. Use of appropriate software.
Prereq: A grade of C or higher in STAT 515, STAT 205, STAT 509, STAT 512, ECON 436, MGSC 391, PSYC 228, or equivalent

M. Department of Theatre and Dance
Change to Concentration – Dance Education with K-12 Certification

<u>Existing</u>	<u>Proposed</u>
<p>Emphasis in Dance Education K-12 Certification</p> <hr/>	<p>Emphasis in Dance Education K-12 Certification</p> <hr/>
<p>Prerequisites</p> <hr/>	<p>Prerequisites</p> <hr/>
<p>The following courses fulfill some of the General Education Requirements and must be completed for the BA degree with a major in Dance, Emphasis in Dance Education K-12 Certification:</p>	<p>The following courses fulfill some of the General Education Requirements and must be completed for the BA degree with a major in Dance, Emphasis in Dance Education K-12 Certification:</p>
<ul style="list-style-type: none"> • DANC 150 • DANC 281 • DANC 282 	<ul style="list-style-type: none"> • DANC 150 • DANC 281 • DANC 282
<p>It is recommended that the following courses be taken as part of the General Education requirements:</p>	<p>It is recommended that the following courses be taken as part of the General Education requirements:</p>
<ul style="list-style-type: none"> • CSCE 101 • CSCE 102 	<ul style="list-style-type: none"> • CSCE 101 • CSCE 102
<p>All of these recommended or required courses must be passed with a grade of C or higher.</p>	<p>All of these recommended or required courses must be passed with a grade of C or higher.</p>
<p>Major Requirements including Professional Education and Education Cognate (69 hours)</p> <hr/>	<p>Major Requirements including Professional Education and Education Cognate (69 hours)</p> <hr/>
<p>Required (12 hours):</p> <hr/>	<p>Required (12 hours):</p> <hr/>
<ul style="list-style-type: none"> • DANC 103 - The Dancer's Body • DANC 160 - Dance Improvisation and Composition • DANC 300 - Music for Dancers • DANC 360 - Choreography I 	<ul style="list-style-type: none"> • DANC 103 - The Dancer's Body • DANC 160 - Dance Improvisation and Composition • DANC 300 - Music for Dancers • DANC 360 - Choreography I
<p>Techniques (15 hours)</p> <hr/>	<p>Techniques (15 hours)</p> <hr/>
<ul style="list-style-type: none"> • 5 ballet techniques • 5 contemporary techniques • 2 world dance • 1 open technique 	<ul style="list-style-type: none"> • 5 ballet techniques • 5 contemporary techniques • 2 world dance • 1 open technique

Students must meet both the number of credits and distribution of technique requirements listed above; some techniques courses are variable credit.

To graduate with a major in dance, students must successfully complete DANC 302 and DANC 312.

Dance Company (3 hours):

- [DANC 177 - Dance Company I](#)

Professional Education (27 Hours)

- [DANC 270 - Dance Education I](#)
- [DANC 370 - Dance Education II: Creative Dance for Children](#)
- [DANC 470 - Dance Education III: Dance Pedagogy for Middle and High School](#)
- [DANC 471 - Synthesis of Dance Education Constructs \(pre-internship seminar\).](#)
- [DANC 478 - Integrated Approaches in Dance Education](#)
- [DANC 479 - Teaching Internship in Dance Education](#)

Education Cognate (12 Hours)

- [EDFI 300 - Schools In Communities](#)
- [EDPY 401 - Learners and the Diversity of Learning](#)
- [PEDU 515 - Physical Education for Inclusion](#)
- or

[EDEX 523 - Introduction to Exceptional Children](#)

[ARTE 260 - Interdisciplinary Relationships in the Arts](#)

Professional Education Program Requirements

The dance major with an emphasis in dance education supports prospective teachers in developing both in-depth content knowledge and appropriate knowledge, skills, and dispositions of teaching required in today's classrooms.

Extensive clinical experiences in a variety of appropriate PreK-12 classrooms and schools are a central component of the program.

Students must meet both the number of credits and distribution of technique requirements listed above; some techniques courses are variable credit.

To graduate with a major in dance, students must successfully complete DANC 302 and DANC 312.

Dance Company (3 hours):

- [DANC 177 - Dance Company I](#)

Professional Education (27 Hours)

- [DANC 270 - Dance Education I: Introduction to Dance Education](#)
- [DANC 370 - Dance Education II: Creative Dance](#)
- [DANC 470 - Dance Education III: Dance Pedagogy for Middle and High School](#)
- [DANC 471 - Synthesis of Dance Education Constructs \(pre-internship seminar\).](#)
- [DANC 478 - Integrated Approaches in Dance Education](#)
- [DANC 479 - Teaching Internship in Dance Education](#)

Education Cognate (12 Hours)

- [EDFI 300 - Schools In Communities](#)
- [EDPY 401 - Learners and the Diversity of Learning](#)
- [PEDU 515 - Physical Education for Inclusion](#)
- or

[EDEX 523 - Introduction to Exceptional Children](#)

- [EDRD 500-Content Area Literacy PK-12](#)

Professional Education Program Requirements

The dance major with an emphasis in dance education supports prospective teachers in developing both in-depth content knowledge and appropriate knowledge, skills, and dispositions of teaching required in today's classrooms.

Extensive clinical experiences in a variety of appropriate PreK-12 classrooms and schools are a central component of the program.

Application and admission to the Professional Program in

<p>Application and admission to the Professional Program in Education (typically at 60 credit hours) and admission to 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. Information on education applications, policies, and procedures is available from the College of Education, Office of Student Affairs at 803-777-6732.</p> <p>Specific requirements in dance education for Admission to Internship II/Student Teaching include the following:</p> <ol style="list-style-type: none"> 1. Admission to the Professional Program 2. Maintain minimum collegiate summary grade point average as required for admission to the Professional Program. 3. Completion of DANC 270, 370, 470, 471 , 478 and 479; dance content courses; and all performance, choreography, and production requirements 4. A grade of C+ or better in all dance, dance education and education courses. 5. Successfully complete EDFN 300, EDPY 401, and ARTE 260. 6. Satisfactory personal interview 7. A passing score on a dance proficiency written exam. <p>Note:</p> <hr/> <p>Dance majors with an emphasis in Dance Education K-12 teacher certification must meet USC and South Carolina Board of Education requirements in order to be recommended for certification (includes passing state-required examinations). An application for certification is required. Contact the College of Education, Office of Student Affairs, 803-777-6732.</p>	<p>Education (typically at 60 credit hours) and admission to 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. Information on education applications, policies, and procedures is available from the College of Education, Office of Student Affairs at 803-777-6732.</p> <p>Specific requirements in dance education for Admission to Internship II/Student Teaching include the following:</p> <ol style="list-style-type: none"> 1. Admission to the Professional Program 2. Maintain minimum collegiate summary grade point average as required for admission to the Professional Program. 3. Completion of DANC 270, 370, 470, 471 , 478 and 479; dance content courses; and all performance, choreography, and production requirements 4. A grade of C+ or better in all dance, dance education and education courses. 5. Successfully complete <u>EDFI</u> 300, EDPY 401, and <u>EDRD</u> 500. 6. Satisfactory personal interview 7. A passing score on a dance proficiency written exam. <p>Note:</p> <hr/> <p>Dance majors with an emphasis in Dance Education K-12 teacher certification must meet USC and South Carolina Board of Education requirements in order to be recommended for certification (includes passing state-required examinations). An application for certification is required. Contact the College of Education, Office of Student Affairs, 803-777-6732.</p>
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Change Course Hour Type, Credit Hours

From: DANC 204 Pointe II. (2)
 Course Hour Type: Fixed

To: DANC 204 Pointe II. (1)
 Course Hour Type: Variable

Change Title, Credit Hours

FROM: DANC 270 Dance Education I. (4)

TO: DANC 270 Dance Education I: Introduction to Dance Education. (2)

FROM: DANC 370 Dance Education II. Creative Dance for Children (4)

TO: DANC 370 Dance Education II: Creative Dance. (3)

Change Credit Hours

FROM: DANC 470 Dance Education III. Dance Pedagogy for Middle and High School. (3)

TO: DANC 470 Dance Education III. Dance Pedagogy for Middle and High School. (4)

FROM: DANC 478 Integrated Approaches in Dance Education. (3)

TO: DANC 478 Integrated Approaches in Dance Education. (5)

2. DARLA MOORE SCHOOL OF BUSINESS

Change to Major/Degree Program – BS in ACCT, ECON, FINA, IBUS, MGMT, MGSC, MKTG, Risk Management and Insurance, Real Estate

<u>Existing</u>	<u>Proposed</u>
<p data-bbox="181 856 609 892">Entrance Requirements</p> <p data-bbox="181 934 786 1260">In addition to the academic admission requirements of the Moore School of Business stated below, a limit on admission to the program may be imposed. An enrollment limit would become necessary if enrollment levels exceed school staffing capabilities and resources. The Undergraduate Admissions Committee, in consultation with the dean of the school, shall be responsible for adjusting undergraduate enrollment levels to ensure the quality of the undergraduate program. A student who meets admissions criteria will be favorably considered, but because of space limitations admission cannot be guaranteed.</p> <p data-bbox="181 1302 786 1375">Freshmen entering the USC Columbia prebusiness division of the Moore School of Business must meet the campus requirements for admission.</p> <p data-bbox="181 1417 786 1774">Students from other USC campuses who have no work from colleges outside of USC must have a GPA of 3.00 on all work taken and must have taken at least 15 USC credit hours (to include calculus) with a minimum grade of C. Priority will be given to students meeting all Moore School of Business freshman course progression requirements, to include ENGL 101 and 102, SPCH 140 or 230, and either MATH 170 or 142 or PHIL 110, with a minimum grade of C in each of these courses. Additionally, those students who have fewer than 30 semester hours from colleges outside USC must also meet Columbia campus freshman admission requirements.</p> <p data-bbox="181 1816 786 1890">Students enrolled in other colleges on the Columbia campus must have a minimum GPA of 3.00 on all work taken and must have at least 15 USC credit</p>	<p data-bbox="786 856 1258 892">Entrance Requirements</p> <p data-bbox="786 934 1445 1228">In addition to the academic admission requirements of the Moore School of Business stated below, a limit on admission to the program may be imposed. An enrollment limit would become necessary if enrollment levels exceed school staffing capabilities and resources. The Undergraduate Admissions Committee, in consultation with the dean of the school, shall be responsible for adjusting undergraduate enrollment levels to ensure the quality of the undergraduate program. A student who meets admissions criteria will be favorably considered, but because of space limitations admission cannot be guaranteed.</p> <p data-bbox="786 1270 1445 1344">Freshmen entering the USC Columbia prebusiness division of the Moore School of Business must meet the campus requirements for admission.</p> <p data-bbox="786 1386 1445 1575">Students from other USC campuses who have no work from colleges outside of USC must have a GPA of 3.00 on all work taken and must have taken at least 15 USC credit hours (to include calculus) with a minimum grade of C. Additionally, those students who have fewer than 30 semester hours from colleges outside USC must also meet Columbia campus freshman admission requirements.</p> <p data-bbox="786 1617 1445 1722">Students enrolled in other colleges on the Columbia campus must have a minimum GPA of 3.00 on all work taken and must have at least 15 USC credit hours to include calculus with a minimum grade of C.</p> <p data-bbox="786 1764 1445 1890">Transfer students from other institutions must present a minimum cumulative GPA of 3.00 on all college work taken and have completed calculus with a minimum grade of C. Students who have taken fewer than 30 semester hours of college work must also meet Columbia campus freshman</p>

hours to include calculus with a minimum grade of C. Priority will be given to students meeting all Moore School of Business freshmen course progression requirements, to include ENGL 101 and 102, SPCH 140 or 230, and either MATH 170 or 142 or PHIL 110, with a minimum grade of C in each of these courses. Transfer students from other institutions must present a minimum cumulative GPA of 3.00 on all college work taken (to include calculus) with a minimum grade of C. Priority will be given to students meeting all Moore School of Business freshman course progression requirements, to include ENGL 101 and 102, SPCH 140 or 230, and either MATH 170 or 142 or PHIL 110, with a minimum grade of C in each of these courses. Students who have taken fewer than 30 semester hours of college work must also meet Columbia campus freshman admission requirements.

Progression Requirements

The requirements stated below are minimum requirements and are subject to change as stated in the last paragraph of this section. To continue in the sophomore year of the prebusiness division of the Moore School of Business, a student must have a minimum cumulative GPA of 2.60 on a minimum of 24 hours. The 24 hours must include ENGL 101 and 102, SPCH 140 or 230, MATH 122 or 141, and either math at the next higher level or PHIL 110, with a minimum grade of C in each of these courses. A student not meeting these requirements must transfer out of the prebusiness division of the Moore School of Business.

To be admitted to the upper division of the Moore School of Business, a student must have a minimum cumulative GPA of 2.60 on a minimum of 48 hours. The 48 hours must include ENGL 101 and 102, SPCH 140 or 230, MATH 122 or 141 and either math at the next higher level or PHIL 110, ECON 221/222, ACCT 225/226, MGSC 290, MGSC 291, and MGMT 250 or ENGL 463, with a minimum grade of C in each of these courses.

All majors in the Moore School of Business will be expected to pass all business administration and economics courses with a minimum grade of C. Students repeating a business administration or economics course more than once may not use the course toward a degree in business administration.

Dual Degrees. Currently enrolled students from other USC colleges who expect to obtain a second baccalaureate degree from the Moore School of Business must meet regular admission and progression requirements of the school and formally apply and be accepted by the school prior to obtaining 75 hours.

admission requirements.

Progression Requirements

The requirements stated below are minimum requirements and are subject to change as stated in the last paragraph of this section. To continue in the sophomore year of the prebusiness division of the Moore School of Business, a student must have a minimum cumulative GPA of 3.00 on a minimum of 24 hours. The 24 hours must include ENGL 101 and 102, MATH 122 or 141, MGSC 290, either ECON 221 or 222, STAT 206, and ACCT 225 with a minimum grade of C in each of these courses. A student not meeting these requirements must transfer out of the prebusiness division of the Moore School of Business.

To be admitted to the upper division of the Moore School of Business, a student must have a minimum cumulative GPA of 3.00 on a minimum of 48 hours. The 48 hours must include ENGL 101 and 102, MATH 122 or 141, STAT 206, ECON 221/222, ACCT 225/226, MGSC 290/291, with a minimum grade of C in each of these courses.

All majors in the Moore School of Business will be expected to pass all business administration and economics courses with a minimum grade of C. Students must petition to take any business or economics class for a third time. Petitioning does not guarantee permission and based on academic record, some students may be required to change majors or transfer out of the business school.

Dual Degrees. Currently enrolled students from other USC colleges who expect to obtain a second baccalaureate degree from the Moore School of Business must meet regular admission and progression requirements of the school and formally apply and be accepted by the school prior to obtaining 75 hours.

Classes. Enrollment priority will be given business majors who are in good academic standing in all business and economics classes.

Suspension. The Moore School of Business adheres to the University's general policy on suspension.

Graduation. All students admitted to the Moore School of Business effective fall 2016 and thereafter must have a minimum cumulative GPA of 2.80 on all USC work attempted in order to obtain a degree from the Moore School of Business.

<p>Classes. Enrollment priority will be given business majors who are in good academic standing in all business and economics classes.</p> <p>Suspension. The Moore School of Business adheres to the University's general policy on suspension.</p> <p>Graduation. All students admitted to the Moore School of Business effective fall 2000 and thereafter must have a minimum cumulative GPA of 2.50 on all USC work attempted in order to obtain a degree from the Moore School of Business.</p>	
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Existing Program/Major Requirements:

<p>Curriculum (122 Hours)</p> <p><i>Major Requirements (61 Hours)</i></p> <hr/> <p>See Moore School of Business for entrance requirements, progression requirements, and other regulations.</p> <ol style="list-style-type: none"> 1. General Education Requirements (40-44 Hours) 2. Business Core (40 Hours) 3. Communication (Included in General Education Requirements) 4. Management 5. Internationalization Requirement (9 Hours) 6. Directed General Education Course Work (non-BA) (minimum of 18 Hours)
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A. Department of Accounting

Delete Prerequisite

FROM: ACCT 225 Introduction to Financial Reporting. (3)
Prereq: Sophomore standing

TO: ACCT 225 Introduction to Financial Reporting. (3)

B. Department of International Business

Change to Concentration – Global Business Track

<u>Existing</u>	<u>Proposed</u>
<p>4. International Business (15 hours)</p> <p>The international business major must be taken in combination with a second major in business and requires 27-36 hours.</p>	<p>4. International Business (15 hours)</p> <p>The international business major must be taken in combination with a second major in business and requires 27-36 hours.</p>

<p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>Minimum of one of the following functional courses (3-6 hours):</p> <ul style="list-style-type: none"> • IBUS 401 - International Financial Management • IBUS 402 - International Marketing • IBUS 405 - International Information Systems • MGSC 405 - International Information Systems • MGMT 406 - International Human Resource Management • ECON 503 - International Trade Economics • ECON 504 - International Monetary Economics • ECON 505 - International Development Economics <p>Minimum of one of the following thematic courses (3-6 hours):</p> <ul style="list-style-type: none"> • IBUS 422 - Foreign Market Entry and Growth • IBUS 423 - Cross-Cultural Behavior and Negotiations • IBUS 424 - Exporting and Importing • IBUS 425 - Competitive Strategies in Developing Countries • IBUS 426 - Global Competitive Analysis • IBUS 427 - Global Stakeholder Management <p>One of the following regional courses (3 hours):</p> <ul style="list-style-type: none"> • IBUS 441 - Business in Latin America * • IBUS 442 - Business in Asia * • IBUS 443 - Business in Europe • IBUS 444 - Business in Africa • *Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad. 	<p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>Minimum of one of the following functional courses (3-6 hours):</p> <ul style="list-style-type: none"> • IBUS 401 - International Financial Management • IBUS 402 - International Marketing • IBUS 405 - International Information Systems • MGSC 405 - International Information Systems • MGMT 406 - International Human Resource Management • ECON 503 - International Trade Economics • ECON 504 - International Monetary Economics • ECON 505 - International Development Economics <p>Minimum of one of the following thematic courses (3-6 hours):</p> <ul style="list-style-type: none"> • IBUS 422 - Foreign Market Entry and Growth • IBUS 423 - Cross-Cultural Behavior and Negotiations • IBUS 424 - Exporting and Importing • IBUS 425 - Competitive Strategies in Developing Countries • IBUS 426 - Global Competitive Analysis • IBUS 427 - Global Stakeholder Management <p>One of the following regional courses (3 hours):</p> <ul style="list-style-type: none"> • IBUS 441 - Business in Latin America * • IBUS 442 - Business in Asia * • IBUS 443 - Business in Europe • IBUS 444 - Business in Africa • *Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad. <p>Chinese Business Track (15 hours)</p>
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<p>Chinese Business Track (15 hours)</p> <p>The Chinese Business Track in the International Business major allows the student to concentrate on International Business activities with China. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 442 - Business in Asia * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>Middle East and North Africa (MENA) Business Track (15 hours)</p> <p>The Middle East and North Africa (MENA) Business Track in the International Business major allows the student to concentrate on International Business activities with this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business 	<p>The Chinese Business Track in the International Business major allows the student to concentrate on International Business activities with China. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 442 - Business in Asia * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>Middle East and North Africa (MENA) Business Track (15 hours)</p> <p>The Middle East and North Africa (MENA) Business Track in the International Business major allows the student to concentrate on International Business activities with this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p>
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<p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 444 - Business in Africa * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>European Business Track (15 hours)</p> <p>The European Business Track in the International Business major allows the student to concentrate on International Business activities with this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 443 - Business in Europe * • IBUS 490 - Specialized Study in International 	<p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 444 - Business in Africa * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>European Business Track (15 hours)</p> <p>The European Business Track in the International Business major allows the student to concentrate on International Business activities with this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 443 - Business in Europe * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i>
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<p>Business *</p> <ul style="list-style-type: none"> • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>South American Business Track (15 hours)</p> <p>The South American Business Track in the International Business major allows the student to concentrate on International Business activities with this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 441 - Business in Latin America * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>Eurasian Business Track (15 hours)</p> <p>The Eurasian Business Track in the International Business major allows the student to concentrate on International Business activities centered on this region. The requirements are:</p>	<p>South American Business Track (15 hours)</p> <p>The South American Business Track in the International Business major allows the student to concentrate on International Business activities with this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two regional courses (6 hours)</p> <ul style="list-style-type: none"> • IBUS 441 - Business in Latin America * • IBUS 490 - Specialized Study in International Business * • <i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i> <p>Eurasian Business Track (15 hours)</p> <p>The Eurasian Business Track in the International Business major allows the student to concentrate on International Business activities centered on this region. The requirements are:</p> <p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p>
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<p>(3 hours)</p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p>One functional course from the list above (3 hours)</p> <p>One thematic course from the list above (3 hours)</p> <p>Two of the three regional courses listed below. (6 hours)</p> <ul style="list-style-type: none"> • IBUS 442 - Business in Asia * • IBUS 443 - Business in Europe * • IBUS 490 - Specialized Study in International Business * <p><i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i></p>	<p>One thematic course from the list above (3 hours)</p> <p>Two of the three regional courses listed below. (6 hours)</p> <ul style="list-style-type: none"> • IBUS 442 - Business in Asia * • IBUS 443 - Business in Europe * • IBUS 490 - Specialized Study in International Business * <p><i>*Because one or more of these courses may not be offered on campus during the two years that a student may be taking major-level courses, these courses are most appropriate for study abroad.</i></p> <p><u>Global Business Track (15 hours)</u></p> <p><u>The Global Business Track in the International Business major allows the student to concentrate on International Business activities within a global context. The requirements are:</u></p> <p><u>(3 hours)</u></p> <ul style="list-style-type: none"> • IBUS 310 - Globalization and Business <p><u>One functional course from the list above (3 hours)</u></p> <p><u>One thematic course from the list above (3 hours)</u></p> <p><u>Two regional courses (6 hours)</u></p> <p>IBUS 441 - Business in Latin America_*</p> <ul style="list-style-type: none"> • IBUS 442 - Business in Asia_* • IBUS 443 - Business in Europe_* • IBUS 444 - Business in Africa_* • IBUS 490 - Specialized Study in International Business_* • <i>*Because one or more of these courses may not be offered on campus during the two years that a</i>
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	<i>student may be taking major-level courses, these courses are most appropriate for study abroad.</i>
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C. Department of Management Science

Change Title and Description

From: MGSC 594 Decision Support and Expert Systems. [=CSCE 594] (3) Concepts, techniques, and applications of decision support and expert technologies. Overview of decision support systems, executive information systems, data mining and warehousing, expert systems, and neural networks.

To: MGSC 594 Strategic Management of Information Systems. (3) Strategic management and use of information systems in organizations.

3. COLLEGE OF EDUCATION

A. Department of Instruction and Teacher Education

Change in Major/Degree Program – Middle Level Education, B.A.

<p><u>Existing</u> Middle Level Education, B.S.</p> <p>-----</p> <p>Degree Requirements (422-433 Hours)</p> <p>-----</p> <p>Electives (6 Hours)</p> <hr/> <p>If the number of hours used to meet the Carolina Core Plus B.S. in Middle Level General Education section exceeds 31, those hours above 31 can be used to meet the required elective hours. If only 31 hours are used to meet the Carolina Core Plus BA in Middle Level General Education section, then the required elective hours must be in addition to the Carolina Core.</p>	<p><u>Proposed</u> Middle Level Education, B.S.</p> <p>-----</p> <p>Degree Requirements (<u>123-134</u> Hours)</p> <p>-----</p> <p>Electives (<u>3</u> Hours)</p> <hr/> <p>If the number of hours used to meet the Carolina Core Plus B.A. in Middle Level General Education section exceeds 31, those hours above 31 can be used to meet the required elective hours. If only 31 hours are used to meet the Carolina Core Plus BA in Middle Level General Education section, then the required elective hours must be in addition to the Carolina Core.</p>
<p>B. Middle Level Core (48 Hours)</p> <ul style="list-style-type: none"> • EDML 321- Middle Level Teaching and Management • EDTE 522- Integrated Curriculum at the Middle Level 	<p>B. Middle Level Core (22 Hours)</p> <ul style="list-style-type: none"> • EDML 321- Middle Level Teaching and Management • EDTE 522- Integrated Curriculum at the Middle Level

<ul style="list-style-type: none"> • EDML 470- Reading and Writing Across the Curriculum • EDEX 491- Introduction to Inclusion of Students with Mild Disabilities • EDRM 423- Introduction to Classroom Assessment <p>Two middle grades content- specific methods courses (500 level from the following 4 courses)</p> <ul style="list-style-type: none"> • EDML 553- Methods and Materials for Teaching Science in the Middle Grades • EDML 563- Methods and Materials for Teaching Social Studies in the Middle Grades • EDML 573- Methods and Materials for Teaching English/Language Arts in the Middle Grades • EDML 583- Methods and Materials for Teaching Mathematics in the Middle Grades 	<ul style="list-style-type: none"> • EDML 470- Foundations in Reading • EDML 471- Middle Level Reading and Writing • EDEX 491- Introduction to Inclusion of Students with Mild Disabilities • EDRM 423- Introduction to Classroom Assessment <p>Two middle grades content- specific methods courses (500 level from the following 4 courses)</p> <ul style="list-style-type: none"> • EDML 553- Methods and Materials for Teaching Science in the Middle Grades • EDML 563- Methods and Materials for Teaching Social Studies in the Middle Grades • EDML 573- Methods and Materials for Teaching English/Language Arts in the Middle Grades • EDML 583- Methods and Materials for Teaching Mathematics in the Middle Grades
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Change in Major/Degree Program – Middle Level Education, B.S.

<p><u>Credit Hours 122</u></p> <p>Middle Level Education, B.S.</p> <p>-----</p> <p>Degree Requirements (122-133 Hours)</p> <p>-----</p> <p>Electives (6 Hours)</p> <hr/> <p>If the number of hours used to meet the Carolina Core Plus B.S. in Middle Level General Education section exceeds 31, those hours above 31 can be used to meet the required elective hours. If only 31 hours are used to meet the Carolina Core Plus BA in Middle Level General Education section, then the required elective hours must be in addition to the Carolina Core.</p>	<p><u>Credit Hours 123</u></p> <p>Middle Level Education, B.S.</p> <p>-----</p> <p>Degree Requirements (<u>123-134</u> Hours)</p> <p>-----</p> <p>Electives (<u>3 Hours</u>)</p> <hr/> <p>If the number of hours used to meet the Carolina Core Plus B.A. in Middle Level General Education section exceeds 31, those hours above 31 can be used to meet the required elective hours. If only 31 hours are used to meet the Carolina Core Plus BA in Middle Level General Education section, then the required elective hours must be in addition to the Carolina Core.</p>
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<p>B. Middle Level Core (48 Hours)</p> <ul style="list-style-type: none"> • EDML 321- Middle Level Teaching and Management • EDTE 522- Integrated Curriculum at the Middle Level • EDML 470- Reading and Writing Across the 	<p>B. Middle Level Core (22 Hours)</p> <ul style="list-style-type: none"> • EDML 321- Middle Level Teaching and Management • EDTE 522- Integrated Curriculum at the Middle Level
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<p><u>Curriculum</u></p> <ul style="list-style-type: none"> EDEX 491- Introduction to Inclusion of Students with Mild Disabilities EDRM 423- Introduction to Classroom Assessment <p>Two middle grades content- specific methods courses (500 level from the following 4 courses)</p> <ul style="list-style-type: none"> EDML 553- Methods and Materials for Teaching Science in the Middle Grades EDML 563- Methods and Materials for Teaching Social Studies in the Middle Grades EDML 573- Methods and Materials for Teaching English/Language Arts in the Middle Grades EDML 583- Methods and Materials for Teaching Mathematics in the Middle Grades 	<ul style="list-style-type: none"> EDML 470- Foundations in Reading EDML 471- Middle Level Reading and Writing EDEX 491- Introduction to Inclusion of Students with Mild Disabilities EDRM 423- Introduction to Classroom Assessment <p>Two middle grades content- specific methods courses (500 level from the following 4 courses)</p> <ul style="list-style-type: none"> EDML 553- Methods and Materials for Teaching Science in the Middle Grades EDML 563- Methods and Materials for Teaching Social Studies in the Middle Grades EDML 573- Methods and Materials for Teaching English/Language Arts in the Middle Grades EDML 583- Methods and Materials for Teaching Mathematics in the Middle Grades
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New course

EDML 471 Middle Level Content Area Reading and Writing. (3) Examination of planning, implementation, and assessment of reading strategy instruction across disciplines and content areas in middle level classrooms.

Restricted to: teacher candidates enrolled in the middle level degree program

B. Department of Physical Education and Athletic Training

Change in Major/Degree Program – BS in Physical Education

<u>Existing</u>	<u>Proposed</u>
<p>3. Teacher Certification Courses (48 hours)</p> <hr/> <p>Grade of C or Better Required</p> <ul style="list-style-type: none"> EDFI 300—Schools In Communities EDPY 401 - Learners and the Diversity of Learning EXSC 303 or PEDU 570 PEDU 226 - Physical Education for Primary Grades 	<p>3. Teacher Certification Courses (48 hours)</p> <hr/> <p>Grade of C or Better Required</p> <ul style="list-style-type: none"> EDRD 500- Content Area Literacy K-12 EDPY 401 - Learners and the Diversity of Learning EXSC 303 or PEDU 570 PEDU 226 - Physical Education for Primary Grades

<ul style="list-style-type: none"> • PEDU 340 - Practicum in the Instructional Aspects of Physical Education • PEDU 341 - Practicum in Instruction of Young Learners in Movement Settings • PEDU 360 - Instructional Aspects of Physical Education • PEDU 361 - Instruction of Young Learners in Movement Settings • PEDU 440 - Practicum in Secondary School Physical Education • PEDU 446 - Physical Education Curriculum • PEDU 451 - Teaching Physical Education • PEDU 462 - Instruction in Secondary School Physical Education • PEDU 479 - Directed Teaching in Physical Education • PEDU 515 - Physical Education for Inclusion • PEDU 445 - Measurement and Evaluation in Physical Education 	<ul style="list-style-type: none"> • PEDU 340 - Practicum in the Instructional Aspects of Physical Education • PEDU 341 - Practicum in Instruction of Young Learners in Movement Settings • PEDU 360 - Instructional Aspects of Physical Education • PEDU 361 - Instruction of Young Learners in Movement Settings • PEDU 440 - Practicum in Secondary School Physical Education • PEDU 446 - Physical Education Curriculum • PEDU 451 - Teaching Physical Education • PEDU 462 - Instruction in Secondary School Physical Education • PEDU 479 - Directed Teaching in Physical Education • PEDU 515 - Physical Education for Inclusion • PEDU 445 - Measurement and Evaluation in Physical Education
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Change in Major/Degree Program – BS in Physical Education

<u>Existing</u>	<u>Proposed</u>
<p>2. Core Requirements for Physical Education Teacher Certification (23 hours)</p>	<p>2. Core Requirements for Physical Education Teacher Certification (23 hours)</p>
<p>Grade of C or better required</p>	<p>Grade of C or better required</p>
<ul style="list-style-type: none"> • HPEB 321 - Personal and Community Health • PEDU 190 - Introduction to the Description and Analysis of Human Movement • PEDU 232 - Philosophy and Principles of Physical Education • PEDU 300 - First Aid and CPR • PEDU 420 - Motor Learning in Physical Education • PEDU 510 - Teaching Health Related Physical Fitness • PEDU 520 - Observational Analysis of Sports Techniques and Tactics • PEDU 650 - The Art and Science of Coaching 	<ul style="list-style-type: none"> • One course from: HPEB 321 - Personal and Community Health <u>or HPEB 511- Health Problems in a Changing Society or EXSC 191- Physical Activity and Health</u> • PEDU 190 - Introduction to the Description and Analysis of Human Movement • PEDU 232 - Philosophy and Principles of Physical Education • <u>ATEP 300 - First Aid and CPR</u> • <u>ATEP 300L -First Aid and CPR Lab</u> • PEDU 420 - Motor Learning in Physical Education • PEDU 510 - Teaching Health Related Physical Fitness • PEDU 520 - Observational Analysis of Sports Techniques and Tactics • PEDU 650 - The Art and Science of Coaching

Change in Major/Degree Program – Minor in Physical Education

<u>Existing</u> Requirements (18 Hours)	<u>Proposed</u> Requirements (<u>19</u> Hours)
<ul style="list-style-type: none"> • PEDU 105 - Weight Training • PEDU 266L - Athletic Training Lab • PEDU 300 - First Aid and CPR • PEDU 340 - Practicum in the Instructional Aspects of Physical Education • PEDU 360 - Instructional Aspects of Physical Education • PEDU 420 - Motor Learning in Physical Education • ATEP 464 - Conditioning Methods in Athletic Performance • PEDU 650 - The Art and Science of Coaching 	<ul style="list-style-type: none"> • PEDU 105 - Weight Training • <u>PEDU 190- Introduction to the Design and Analysis of Human Movement</u> • <u>ATEP 300- First Aid and CPR</u> • <u>ATEP 300L- First Aid and CPR Lab</u> • PEDU 340 - Practicum in the Instructional Aspects of Physical Education • PEDU 360 - Instructional Aspects of Physical Education • PEDU 420 - Motor Learning in Physical Education • ATEP 464 - Conditioning Methods in Athletic Performance • PEDU 650 - The Art and Science of Coaching

Change title and description

FROM: PEDU 107 Aerobic Dance. (1) Cardio-respiratory fitness, flexibility, and coordination through continuous rhythmical movements.

TO: PEDU 107 Group Exercise. (1) Cardio-respiratory fitness, flexibility, muscular strength and endurance, and agility through various group exercise formats while utilizing a variety of equipment.

C. Department of Special Education

New course

EDEX 581 Teaching Reading in the Content Area to Adolescents with Reading Disabilities. (3) Research, theory, and instructional practices related to providing reading instruction in content areas for youth with disabilities, with a focus on developing disciplinary literacy in inclusive settings.

D. Department of Language and Literacy

Change title, description and credit hours

FROM: EDRD 500 Teaching Reading in Allied Subject Areas K-12. (1) The identification of

children with reading needs in allied subject areas (music, art, physical education, health) and development of instructional strategies to meet those needs.

TO: EDRD 500 Content Area Literacy PK-12. (3) A survey of research and practice which facilitates students’ literacy skills in the content areas. For K-12 content area teachers of art, dance, physical education, foreign language, music and theatre.

4. COLLEGE OF ENGINEERING AND COMPUTING

Change to Major/Degree Program – College of Engineering and Computing

Existing Program / Major Requirements:

These changes apply to the College of Engineering and Computing page of the Undergraduate Bulletin, and hence all BS programs in the CEC.

See

http://bulletin.sc.edu/preview_entity.php?catoid=91&ent_oid=2714&returnto=11027

Existing Cognate and Minor Requirements:	Change Cognate and Minor Requirements:
<p>Plan “M.”</p> <p>At the time of admission to the upper division, those students with a GPA of at least 3.40 on the lower-division courses attempted may select the special Plan “M.” Selection of Plan “M” declares the student’s objective is a master’s degree and allows a sequencing of courses to meet that goal in an optimal time period. The student may plan a schedule, time of graduation, and finances accordingly. Students in Plan “M” can earn both a bachelor’s and a master’s degree and are eligible for graduate assistantships upon admission to The Graduate School. Students in Plan “M” must maintain a GPA of 3.40.</p> <p>Students not in Plan “M” may, of course, apply to graduate school in the customary fashion, and those in Plan “M” may opt out and become candidates for the bachelor’s degree only. Those not eligible (or who do not apply) for Plan “M” at the time of upper-division admission may do so later, if eligible.</p>	<p>delete section</p>

Progression Requirements

To be admitted to the upper division and to be eligible to enroll in upper-division classes, a student must have a GPA of 2.00 or better on all lower-division courses required in the degree program. A listing of lower- and upper-division courses for each degree program is maintained in the Student Services Office. The GPA computation will include repeated grades, with the exception of those for which the university-approved grade forgiveness has been applied. A student not meeting these requirements must change major or transfer out of the College of Engineering and Computing. Additional requirements, including minimum grades in specific courses, may be specified by each major degree program.

Students that are within 30 hours of completing all degree requirements should request a senior check from the Student Services Office.

Graduation Requirements

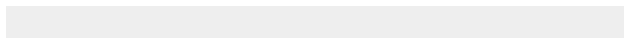
In addition to the general University and program specific requirements for a bachelor's degree, engineering and computing students must have a GPA of 2.00 or better on all major courses in their degree programs. A listing of major courses for each degree program is maintained in the Student Services Office. The GPA computation will include all repeated grades, with the exception of those for which the university

Progression Requirements

Progression requirement polices for each major degree program in the College of Engineering and Computing are described in that program's section of this bulletin.

For the programs that include an Upper Division, a student must have a GPA of 2.00 or better on all Lower-Division courses required in the degree program. The GPA computation will include repeated grades, with the exception of those for which the university-approved grade forgiveness has been applied. A student not meeting these requirements must change major or transfer out of the College of Engineering and Computing. Lower and Upper Division course lists are included in the program sections of this bulletin. Additional requirements, including minimum grades in specific courses, may be specified by each major degree program.

Students who are within 30 hours of completing all degree requirements should request a senior check from the Student Services Office.



<p>approved grade forgiveness has been applied. A student not meeting these requirements must change major or transfer out of the College of Engineering and Computing.</p>	
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**A. Department of Biomedical Engineering
Change to Major/Degree Program – Biomedical Engineering**

<u>Current</u> Curriculum	<u>Proposed</u> Curriculum
<p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Degree Requirements (130-142 Hours)</p> <ol style="list-style-type: none"> 1. Carolina Core Requirements (34-46 Hours) 2. Other General Education Requirements (36 Hours) 3. Lower Division Engineering (11 Hours) 4. Biomedical Engineering Major (27 Hours) 5. Biomedical Engineering Electives (9 Hours) 6. Engineering Electives (5 Hours) 7. Technical Electives (6 Hours) 8. Technical Laboratory Electives (1 Hour) <p>1. Carolina Core Requirements (34-46 Hours)</p> <p>CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours)</p> <ul style="list-style-type: none"> • ENGL 101-Critical Reading and Composition • ENGL 102-Rhetoric and Composition 	<p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Degree Requirements (130-142 Hours)</p> <ol style="list-style-type: none"> 1. Carolina Core Requirements (34-46 Hours) 2. Other General Education Requirements (36 Hours) 3. Biomedical Engineering Major (38 Hours) 4. Biomedical Engineering Electives (9 Hours) 5. Engineering Electives (6 Hours) 6. Technical Electives (6 Hours) 7. Technical Laboratory Electives (1 Hour) <p>1. Carolina Core Requirements (34-46 Hours)</p> <p>CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours)</p> <ul style="list-style-type: none"> • ENGL 101-Critical Reading and Composition • ENGL 102-Rhetoric and Composition <p>ARP: Analytical Reasoning & Problem-Solving (8 hours)</p>

<p>ARP: Analytical Reasoning & Problem-Solving (8 hours)</p> <ul style="list-style-type: none"> MATH 141-Calculus I MATH 142-Calculus II <p>SCI: Scientific Literacy (8 hours)</p> <ul style="list-style-type: none"> BIOL 101-Biological Principles I BIOL 101L-Biological Principles I Laboratory CHEM 111-General Chemistry I CHEM 111L-General Chemistry I Lab <p>AIU: Aesthetic and Interpretive Understanding (3 hours)</p> <ul style="list-style-type: none"> Any approved Carolina Core AIU course <p>GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours)</p> <ul style="list-style-type: none"> 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. <p>GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)</p> <ul style="list-style-type: none"> Any approved Carolina Core GHS course <p>GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)</p> <ul style="list-style-type: none"> Any approved Carolina Core GSS course <p>CMS: Effective, Engaged, and Persuasive Communication: Spoken Component (0-3 hours)*</p> <ul style="list-style-type: none"> Any approved overlay or stand-alone 	<ul style="list-style-type: none"> MATH 141-Calculus I MATH 142-Calculus II <p>SCI: Scientific Literacy (8 hours)</p> <ul style="list-style-type: none"> BIOL 101-Biological Principles I BIOL 101L-Biological Principles I Laboratory CHEM 111-General Chemistry I CHEM 111L-General Chemistry I Lab <p>AIU: Aesthetic and Interpretive Understanding (3 hours)</p> <ul style="list-style-type: none"> Any approved Carolina Core AIU course <p>GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours)</p> <ul style="list-style-type: none"> 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. <p>GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)</p> <ul style="list-style-type: none"> Any approved Carolina Core GHS course <p>GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)</p> <ul style="list-style-type: none"> Any approved Carolina Core GSS course <p>CMS: Effective, Engaged, and Persuasive Communication: Spoken Component (0-3 hours)*</p> <ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core CMS course <p>VSR: Values, Ethics and Social Responsibility</p>
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<p>Carolina Core CMS course</p> <p>VSR: Values, Ethics and Social Responsibility (0-3 hours)*</p> <ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core VSR course <p>INF: Information Literacy (0-3 hours)*</p> <ul style="list-style-type: none"> USC ENGL 102 or any approved overlay or stand-alone Carolina Core INF course <p>2. Other General Requirements (36 Hours)</p> <ul style="list-style-type: none"> BIOL 102 – Biological Principles II BIOL 102L – Biological Principles II Laboratory BIOL 302 – Cell and Molecular Biology BIOL 302L – Cell and Molecular Biology Laboratory CHEM 112 – General Chemistry II CHEM 112L – General Chemistry II Laboratory CHEM 333 – Organic Chemistry I CHEM 331L – Essentials of Organic Chemistry Laboratory I ** MATH 241 – Vector Calculus MATH 242 – Elementary Differential Equations PHYS 211 – Essentials of Physics I PHYS 211L – Essentials of Physics I Lab PHYS 212 – Essentials of Physics II PHYS 212L – Essentials of Physics II Lab STAT 509 – Statistics for Engineers ECHE 320 – Chemical Engineering Fluid Mechanics or ENCP 360 – Fluid Mechanics 	<p>(0-3 hours)*</p> <ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core VSR course <p>INF: Information Literacy (0-3 hours)*</p> <ul style="list-style-type: none"> USC ENGL 102 or any approved overlay or stand-alone Carolina Core INF course <p>2. Other General Requirements (36 Hours)</p> <ul style="list-style-type: none"> BIOL 102 - Biological Principles II BIOL 102L - Biological Principles II Laboratory BIOL 302 - Cell and Molecular Biology BIOL 302L - Cell and Molecular Biology Laboratory CHEM 112 - General Chemistry II CHEM 112L - General Chemistry II Laboratory CHEM 333 - Organic Chemistry I CHEM 331L - Essentials of Organic Chemistry Laboratory I ** MATH 241 - Vector Calculus MATH 242 - Elementary Differential Equations PHYS 211 - Essentials of Physics I PHYS 211L - Essentials of Physics I Lab PHYS 212 - Essentials of Physics II PHYS 212L - Essentials of Physics II Lab STAT 509 - Statistics for Engineers ECHE 320 - Chemical Engineering Fluid Mechanics, or EMCH 360 - Fluid Mechanics, or ENCP 360 - Fluid Mechanics <p>3. Biomedical Engineering Major (38 Hours)</p>
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3. Lower Division Engineering (11 Hours)

- BMEN 101 – Professional Development and Ethics in Biomedical Engineering I
- BMEN 202 – Professional Development and Ethics in Biomedical Engineering II
- BMEN 211 – Mathematical Modeling in Biomedical Engineering I
- BMEN 260 – Introduction to Biomechanics
- BMEN 290 – Thermodynamics of Biomolecular Systems

4. Biomedical Engineering Major (27 Hours)

- BMEN 271 – Introduction to Biomaterials
- BMEN 303 – Professional Development and Ethics in Biomedical Engineering III
- BMEN 321 – Biomonitoring and Electrophysiology
- BMEN 345 – Human Anatomy and Physiology for Biomedical Engineers
- BMEN 354 – Biotransport
- BMEN 361 – Biomedical Instrumentation
- BMEN 391 – Kinetics in Biomolecular Systems
- BMEN 427 – Senior Biomedical Engineering Design I
- BMEN 428 – Senior Biomedical Engineering Design II

5. Biomedical Engineering Electives (9 Hours)

Students must take 9 credit hours of

- BMEN 101 - Professional Development and Ethics in Biomedical Engineering I
- BMEN 202 - Professional Development and Ethics in Biomedical Engineering II
- BMEN 211 - Mathematical Modeling in Biomedical Engineering I
- BMEN 260 - Introduction to Biomechanics
- BMEN 290 - Thermodynamics of Biomolecular Systems
- BMEN 271 - Introduction to Biomaterials
- BMEN 303 - Professional Development and Ethics in Biomedical Engineering III
- BMEN 321 - Biomonitoring and Electrophysiology
- BMEN 345 - Human Anatomy and Physiology for Biomedical Engineers
- BMEN 354 - Biotransport
- BMEN 361 - Biomedical Instrumentation
- BMEN 391 - Kinetics in Biomolecular Systems
- BMEN 427 - Senior Biomedical Engineering Design I
- BMEN 428 - Senior Biomedical Engineering Design II

4. Biomedical Engineering Electives (9 Hours)

Students must take 9 credit hours of Biomedical Engineering electives. Of these 9 credit hours, at most 3 credit hours may come from BMEN 499 Independent Research. A list of acceptable Biomedical Engineering electives is maintained in the Biomedical Engineering office and on its website.

5. Engineering Electives (6 Hours)

<p>Biomedical Engineering electives. Of these 9 credit hours, at most 3 credit hours may come from BMEN 499 Independent Research. A list of acceptable Biomedical Engineering electives is maintained in the Biomedical Engineering office and on its website.</p> <p>6. Engineering Electives (6 Hours)</p> <p>Students must take 6 credit hours of engineering electives. A listing of acceptable engineering electives is maintained in the Biomedical Engineering office and on its website.</p> <p>7. Technical Electives (6 Hours)</p> <p>Students must take 6 credit hours of technical electives. A listing of acceptable technical electives is maintained in the Biomedical Engineering office and on its website.</p> <p>8. Technical Laboratory Elective (1 Hour)</p> <p>Students must take 1 credit hour of technical lab elective. A list of acceptable technical lab electives is maintained in the Biomedical Engineering office and on its website.**</p> <p>Notes</p> <ul style="list-style-type: none"> • *Courses for CMS, INF and VSR must be selected to include at least 3 credit hours combined. • **CHEM 333L is a 2 credit course that may be taken in lieu of CHEM 331L and also satisfy the Technical Laboratory Elective Requirement. 	<p>Students must take 6 credit hours of engineering electives. A listing of acceptable engineering electives is maintained in the Biomedical Engineering office and on its website.</p> <p>6. Technical Electives (6 Hours)</p> <p>Students must take 6 credit hours of technical electives. A listing of acceptable technical electives is maintained in the Biomedical Engineering office and on its website.</p> <p>7. Technical Laboratory Elective (1 Hour)</p> <p>Students must take 1 credit hour of technical lab elective. A list of acceptable technical lab electives is maintained in the Biomedical Engineering office and on its website.**</p> <p>Notes</p> <ul style="list-style-type: none"> • *Courses for CMS, INF and VSR must be selected to include at least 3 credit hours combined. • **CHEM 333L is a 2 credit course that may be taken in lieu of CHEM 331L and also satisfy the Technical Laboratory Elective Requirement.
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Academic Standards	Academic Standards
<p>Minimum Course Grades</p> <p>The Biomedical Engineering B.S. program requires that a grade of “C” or better be earned in each of the following courses: BMEN 211, BIOL 101, BIOL 101L, CHEM 111, CHEM 111L, ENGL 101, ENGL 102, MATH 141, MATH 142, PHYS 211, PHYS 211L.</p> <p>Progression Requirements</p> <p>Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division courses for the Biomedical Engineering B.S. program consist of: BMEN 101, BMEN 211, BMEN 260, BMEN 290, BIOL 101, BIOL 101L, BIOL102, BIOL 102L, CHEM 111, CHEM 111L, CHEM 112, CHEM 112L, PHYS 211, PHYS 212, ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 241 or 250, and MATH 242. Upper Division courses for the Biomedical Engineering B.S. program consist of all BMEN courses numbered 303 and above and ECHE 320 or equivalent.</p> <p>Major GPA</p> <p>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 Biomedical Engineering B.S. program: all Lower Division Engineering courses, all Biomedical Engineering Major courses, all courses used to satisfy a Biomedical Engineering Elective, all courses used to satisfy an Engineering Elective, and ECHE 320 or equivalent.</p>	<p>Minimum Course Grades</p> <p>The Biomedical Engineering B.S. program requires that a grade of “C” or better be earned in each of the following courses: BMEN 211, BIOL 101, BIOL 101L, BIOL 302, CHEM 111, CHEM 111L, CHEM 112, ENGL 101, MATH 141, MATH 142, MATH 241, MATH 242, and PHYS 211.</p> <p>Major GPA</p> <p>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 Biomedical Engineering B.S. program: all Biomedical Engineering Major courses, all courses used to satisfy a Biomedical Engineering Elective, all courses used to satisfy an Engineering Elective, and ECHE 320 or equivalent.</p>

Change to Major/Degree Program – Biomedical Engineering

<u>Existing</u>	<u>Proposed</u>
<p>Biomedical Engineering</p> <p>Melissa Moss, Director</p>	<p>Biomedical Engineering</p> <p>Melissa Moss, Director</p>

Overview

Biomedical engineers are involved in the design and improvement of products and procedures that promote improved health. Contributions of biomedical engineers range from the design of artificial organs to the discovery of new therapeutic pharmaceuticals to the development of surgical procedures and associated instrumentation.

The Departments of Chemical Engineering and Mechanical Engineering collaborate to offer the Bachelor of Science in Biomedical Engineering. The curriculum provides a strong foundation in the basic and applied sciences, as well as in the liberal arts, to provide students with a well-balanced education. Increasing emphasis is placed upon the application of engineering principles to biological systems in the junior and senior years. The curriculum provides the opportunity to engage in technical electives, laboratory course components, and a capstone design experience. Additional elective components and the design experience can be tailored to the specific interests of the student.

Overview

Biomedical engineers are involved in the design and improvement of products and procedures that promote improved health. Contributions of biomedical engineers range from the design of artificial organs to the discovery of new therapeutic pharmaceuticals to the development of surgical procedures and associated instrumentation.

The Departments of Chemical Engineering and Mechanical Engineering collaborate to offer the Bachelor of Science in Biomedical Engineering. The curriculum provides a strong foundation in the basic and applied sciences, as well as in the liberal arts, to provide students with a well-balanced education. Increasing emphasis is placed upon the application of engineering principles to biological systems in the junior and senior years. The curriculum provides the opportunity to engage in technical electives, laboratory course components, and a capstone design experience. Additional elective components and the design experience can be tailored to the specific interests of the student.

Bachelor's/Master's Degrees Accelerated Program

The Bachelor's/Master's Degrees Accelerated Program in Biomedical Engineering allows undergraduate students to complete both the B.S. degree and M.S. degree in as few as five years. The use of dual credit-courses that can be used toward both degrees enables acceleration of the program, reducing the total enrollment of the student by one semester.

Biomedical Engineering undergraduate students may apply for approval of an accelerated

Bachelor's/Master's Degrees Accelerated Program

The Bachelor's/Master's Degrees Accelerated Program in Biomedical Engineering allows undergraduate students to complete both the B.S. degree and M.S. degree in as few as five years. The use of dual credit-courses that can be used toward both degrees enables acceleration of the program, reducing the total enrollment of the student by one semester.

Biomedical Engineering undergraduate students may apply for approval of an accelerated education plan in the semester in which they will complete 90 hours of undergraduate course work. In addition, students must have a sufficient foundation in biomedical engineering course work to enable them to take graduate-level courses. University and program regulations stipulate that applicants must have a minimum GPA of 3.40, both overall and in biomedical engineering courses. Students in the accelerated program must maintain a GPA of 3.40 while pursuing the B.S. degree.

education plan in the semester in which they will complete 90 hours of undergraduate course work. In addition, students must have a sufficient foundation in biomedical engineering course work to enable them to take graduate-level courses. University and program regulations stipulate that applicants must have a minimum GPA of 3.40, both overall and in biomedical engineering courses. Students in the accelerated program must maintain a GPA of 3.40 while pursuing the B.S. degree.

Students applying to this program must submit to The Graduate School a completed "Application for Admission to a Combined Bachelor's/Master's Education Plan" (G-BMPA) with endorsements of the undergraduate advisor, research advisor and the program graduate director. The dean of The Graduate School has final authority for approving accelerated education plans. A "Bachelor's/Master's Degree Accelerated Plan Course Work Authorization" form must be submitted for each semester in which one or more of these courses are taken.

Participation in the accelerated program does not require or insure acceptance into The Graduate School. Students wishing to continue towards a master's degree in biomedical engineering at USC must apply formally to the Graduate School by submitting the appropriate application and all required supporting documents. Students in the accelerated program will be eligible for graduate assistantships upon admission to The Graduate School.

Only graduate-level courses (numbered 500 and above, including up to 3 credit hours of project/research work) satisfying both B.S. and Master's degree requirements may be used for

Students applying to this program must submit to The Graduate School a completed “Application for Admission to a Combined Bachelor’s/Master’s Education Plan” (G-BMPA) with endorsements of the undergraduate advisor, research advisor and the program graduate director. The dean of The Graduate School has final authority for approving accelerated education plans. A “Bachelor’s/Master’s Degree Accelerated Plan Course Work Authorization” form must be submitted for each semester in which one or more of these courses are taken.

Participation in the accelerated program does not require or insure acceptance into The Graduate School. Students wishing to continue towards a master’s degree in biomedical engineering at USC must apply formally to the Graduate School by submitting the appropriate application and all required supporting documents. Students in the accelerated program will be eligible for graduate assistantships upon admission to The Graduate School.

Only graduate-level courses (numbered 500 and above, including up to 3 credit hours of project/research work)

dual credit. BMEN core graduate courses (excluding 1-hour seminar courses and thesis preparation, BMEN 799) or courses from list of the approved BMEN graduate electives (refer to the graduate student handbook) may be used for graduate-level coursework. No more than twelve credit hours may be used as dual credit. The graduate courses used for dual credit must be taken during the student’s final undergraduate year. No more than nine credit hours may be applied towards both the Bachelor’s and Master’s degree.

Programs

- [Biomedical Engineering, B.S.](http://bulletin.sc.edu/preview_program.php?catoid=91&poid=8089&returnto=10493) (this text should be linked to: http://bulletin.sc.edu/preview_program.php?catoid=91&poid=8089&returnto=10493)
- [Biomedical Engineering, M.E.](http://bulletin.sc.edu/preview_program.php?catoid=90&poid=828281&returnto=11038) this text should be linked to: http://bulletin.sc.edu/preview_program.php?catoid=90&poid=828281&returnto=11038
 - [Biomedical Engineering, M.S.](http://bulletin.sc.edu/preview_program.php?catoid=90&poid=828279&returnto=11038) this text should be linked to: http://bulletin.sc.edu/preview_program.php?catoid=90&poid=828279&returnto=11038
- [Biomedical Engineering, Ph.D.](http://bulletin.sc.edu/preview_program.php?catoid=90&poid=828280&returnto=11038) (this text should be linked to: http://bulletin.sc.edu/preview_program.php?catoid=90&poid=828280&returnto=11038)

satisfying both B.S. and Master's degree requirements may be used for dual credit. BMEN core graduate courses (excluding 1-hour seminar courses and thesis preparation, BMEN 799)) or courses from list of the approved BMEN graduate electives (refer to the graduate student handbook) may be used for graduate-level coursework. No more than nine credit hours may be used as dual credit. The graduate courses used for dual credit must be taken during the student's final undergraduate year. No more than nine credit hours may be applied towards both the Bachelor's and Master's degree.

Programs

- Biomedical Engineering, B.S.

Courses

- BMEN 101 - Professional Development and Ethics in Biomedical Engineering I
- BMEN 201 - Professional Development and Ethics in Biomedical Engineering II
- BMEN 202 - Professional Development and Ethics in Biomedical Engineering II
- BMEN 211 -

<p>Mathematical Modeling in Biomedical Engineering I</p> <ul style="list-style-type: none"> • BMEN 260 - Introduction to Biomechanics <p>Introduction to Biomechanics</p> <ul style="list-style-type: none"> • BMEN 271 - Introduction to Biomaterials <p>Introduction to Biomaterials</p> <ul style="list-style-type: none"> • BMEN 290 - Thermodynamics of Biomolecular Systems <p>Thermodynamics of Biomolecular Systems</p> <ul style="list-style-type: none"> • BMEN 301 - Professional Development and Ethics in Biomedical Engineering III <p>Professional Development and Ethics in Biomedical Engineering III</p> <ul style="list-style-type: none"> • BMEN 303 - Professional Development and Ethics in Biomedical Engineering III <p>Professional Development and Ethics in Biomedical Engineering III</p> <ul style="list-style-type: none"> • BMEN 321 - Biomonitoring and Electrophysiology <p>Biomonitoring and Electrophysiology</p> <ul style="list-style-type: none"> • BMEN 342 - Infectious Disease and Immunology for Biomedical Engineers <p>Infectious Disease and Immunology for Biomedical Engineers</p> <ul style="list-style-type: none"> • BMEN 345 - Human Anatomy and Physiology for Biomedical Engineers <p>Human Anatomy and Physiology for Biomedical Engineers</p> <ul style="list-style-type: none"> • BMEN 354 - Biotransport <p>Biotransport</p> <ul style="list-style-type: none"> • BMEN 361 - Biomedical Instrumentation <p>Biomedical Instrumentation</p> <ul style="list-style-type: none"> • BMEN 389 - Special Topics in Biomedical Engineering for Undergraduates <p>Special Topics in Biomedical Engineering for Undergraduates</p> <ul style="list-style-type: none"> • BMEN 390 - Thermodynamics and Kinetics in Biomolecular Systems <p>Thermodynamics and Kinetics in Biomolecular Systems</p> <ul style="list-style-type: none"> • BMEN 391 - Kinetics in Biomolecular Systems <p>Kinetics in Biomolecular Systems</p> <ul style="list-style-type: none"> • BMEN 392 - Fundamentals of Biochemical <p>Fundamentals of Biochemical</p>	
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<p>Engineering</p> <ul style="list-style-type: none"> • BMEN 427 - Senior Biomedical Engineering Design I • BMEN 428 - Senior Biomedical Engineering Design II • BMEN 499 - Independent Research • BMEN 546 - Delivery of Bioactive Agents • BMEN 572 - Tissue Engineering • BMEN 589 - Special Topics in Biomedical Engineering 	
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Change to Major/Degree Program – Biomedical Engineering

Delete Courses:

- BMEN 201 Professional Development and Ethics in Biomedical Engineering II. (1)
- BMEN 301 Professional Development and Ethics in Biomedical Engineering III. (1)
- BMEN 390 Thermodynamics and Kinetics in Biomolecular Systems. (3)

Delete Prerequisite:

- From: BMEN 572 Tissue Engineering. (3)
Prereq: Upper division standing
- To: BMEN 572 Tissue Engineering. (3)

Change Prerequisites and or Corequisites:

- From: BMEN 211 Mathematical Modeling in Biomedical Engineering I. (3)
Prereq: MATH 141
- To: BMEN 211 Mathematical Modeling in Biomedical Engineering I. (3)
Prereq: C or better in MATH 141
- From: BMEN 260 Introduction to Biomechanics. (3)
Prereq: MATH 241, PHYS 211, C or better in BMEN 211
- To: BMEN 260 Introduction to Biomechanics. (3)
Prereq: C or better in BMEN 211, C or better in MATH 241, C or better in

PHYS 211

- From: BMEN 271 Introduction to Biomaterials. (3)
Prereq: CHEM 333, BMEN 290
Co-req: BIOL 302
- To: BMEN 271 Introduction to Biomaterials. (3)
Prereq: BMEN 290, CHEM 333, C or better in BIOL 302
- From: BMEN 290 Thermodynamics of Biomolecular Systems. (3)
Prereq: MATH 241, CHEM 112, BIOL 102
Co-req: MATH 242, BMEN 211
- To: BMEN 290 Thermodynamics of Biomolecular Systems. (3)
Prereq: C or better in BMEN 211, C or better in CHEM 112 or CHEM 142, C or better in MATH 241, C or better in PHYS 211
Co-req: None
- From: BMEN 321 Biomonitoring and Electrophysiology. (3)
Prereq: MATH 242, PHYS 212, BIOL 302, upper division standing
- To: BMEN 321 Biomonitoring and Electrophysiology. (3)
Prereq: BIOL 302, PHYS 212, C or better in MATH 242
- From: BMEN 345 Human Anatomy and Physiology for Biomedical Engineers. (4)
Prereq: BIOL 302, BMEN 271, BMEN 345, upper division standing
- To: BMEN 345 Human Anatomy and Physiology for Biomedical Engineers. (4)
Prereq: BMEN 271, C or better in BIOL 302
- From: BMEN 354 Biotransport. (3)
Prereq: MATH 242, ECHE 320, upper division standing
- To: BMEN 354 Biotransport. (3)
ECHE 320 or EMCH 360 or ENCP 360, C or better in MATH 242
- From: BMEN 361 Biomedical Instrumentation. (4)
Prereq: STAT 509, BMEN 321, upper division standing
- To: BMEN 361 Biomedical Instrumentation. (4)
Prereq: BMEN 321, STAT 509
- From: BMEN 391 Kinetics in Biomolecular Systems. (3)
Prereq: MATH 242, CHEM 333, BMEN 290, upper division standing
- To: BMEN 391 Kinetics in Biomolecular Systems. (3)
Prereq: BMEN 290, CHEM 333, C or better in MATH 242

- From: BMEN 427 Senior Biomedical Engineering Design I. (3)
Prereq: BMEN 271, BMEN 354, BMEN 361, upper division standing
- To: BMEN 427 Senior Biomedical Engineering Design I. (3)
Prereq: BMEN 271, BMEN 354, BMEN 361
- From: BMEN 428 Senior Biomedical Engineering Design II. (3)
Prereq: BMEN 427, upper division standing required
- To: BMEN 428 Senior Biomedical Engineering Design II. (3)
Prereq: BMEN 427
- From: BMEN 546 Delivery of Bioactive Agents. (3)
Prereq: MATH 142, BIOL 302, CHEM 333, upper division standing
- To: BMEN 546 Delivery of Bioactive Agents. (3)
Prereq: BIOL 302, CHEM 333, MATH 142

**B. Department of Chemical Engineering
Change to Major/Degree Program – Chemical Engineering, B.S.E.**

<u>Existing</u>	<u>Proposed</u>
<p>Program Educational Objectives</p> <p>Within six years of graduation, our graduates are expected to achieve one or more of the following milestones:</p> <ul style="list-style-type: none"> • Advance professionally in the chemical process industries or in their chosen career field. • Earn advanced degrees in chemical engineering (or a related technical discipline), medicine, law, or business. • Attain leadership positions in today's rapidly changing, increasingly technological, global society. 	<p>Program Educational Objectives</p> <p>Within six years of graduation, our graduates are expected to achieve one or more of the following milestones:</p> <ul style="list-style-type: none"> • Advance professionally in the chemical process industries or in their chosen career field. • Earn advanced degrees in chemical engineering (or a related technical discipline), medicine, law, or business. • Attain leadership positions in today's rapidly changing, increasingly technological, global society.
<p>Curriculum</p> <p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p>	<p>Curriculum</p> <p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p>
<p>Curriculum (131-143 hours)</p> <hr/> <ol style="list-style-type: none"> 1. Carolina Core (34-46 Hours) 2. Other General Requirements (28 Hours) 3. Lower Division Engineering (15 Hours) 	<p>Curriculum (131-143 hours)</p> <hr/> <ol style="list-style-type: none"> 1. Carolina Core (34-46 Hours) 2. Other General Requirements (28 Hours)

4. Chemical Engineering Major (30 Hours)	3. Lower Division Engineering (14 Hours)
5. Electives (24 Hours)	4. Chemical Engineering Major (30 Hours)
	5. Electives (25 Hours)

CMW

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

ARP

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

SCI

- 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

- 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

- Any approved Carolina Core course for GHS

GSS

- Any approved Carolina Core course for GSS

AIU

- Any approved Carolina Core course for AIU

CMS

Choose from:

- PHIL 325 - Engineering Ethics (CMS/VSR overlay)
- SAEL 200 - Social Advocacy and Ethical Life (CMS/ VSR overlay)
- Any approved overlay or stand-alone Carolina Core course

INF

- USC ENGL 102 or any approved overlay or stand-alone Carolina Core INF course

VSR

Choose from:

- PHIL 325 - Engineering Ethics (CMS/VSR overlay)
- SAEL 200 - Social Advocacy and Ethical Life (CMS/ VSR overlay)
- Any approved overlay or stand-alone Carolina Core course

Existing

2. Other General Requirements (28 Hours)

Required Courses (20 Hours)

CHEM 112 - General Chemistry II

- CHEM 112L - General Chemistry II Laboratory
- CHEM 333 - Organic Chemistry I
- CHEM 334 - Organic Chemistry II
- MATH 241 - Vector Calculus
- MATH 242 - Elementary Differential Equations
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab

Chemistry Electives (6 Hours)

- A list of acceptable Chemistry Elective courses is maintained in the department office and on its [website](#). These include CHEM 321, 511, 533, 541, 542, 545, 550, 555, 556, 621, 622, 623, 624, 633,

2. Other General Requirements (28 Hours)

Required Courses (20 Hours)

- CHEM 112 - General Chemistry II
- CHEM 112L - General Chemistry II Laboratory
 - CHEM 333 - Organic Chemistry I
 - CHEM 334 - Organic Chemistry II
 - MATH 241 - Vector Calculus
- MATH 242 - Elementary Differential Equations
 - PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab

Chemistry Electives (6 Hours)

- A list of acceptable Chemistry Elective courses is maintained in the department office and on its [website](#). These include CHEM 321, 511, 533, 541, 542, 545, 550, 555, 556, 621, 622, 623, 624, 633, 644.

Chemistry Laboratory Electives (2 Hours)

- A list of acceptable Chemical Laboratory Elective courses is maintained in the department office and on its [website](#). These

<p>644.</p> <p>Chemistry Laboratory Electives (2 Hours)</p> <hr/> <ul style="list-style-type: none"> A list of acceptable Chemical Laboratory Elective courses is maintained in the department office and on its website. These include CHEM 321L, 331L (or 333L), 332L (or 334L), 541L, 542L, 550L, 591, 592, 621L. <p>3. Lower Division Engineering (15 Hours)</p> <hr/> <ul style="list-style-type: none"> ECHE 101 - Introduction to Chemical Engineering or ENCP 101 - Introduction to Engineering I ECHE 300 - Chemical Process Principles ECHE 310 - Introductory Chemical Engineering Thermodynamics or ENCP 290 - Thermodynamic Fundamentals ECHE 311 - Chemical Engineering Thermodynamics ECHE 320 - Chemical Engineering Fluid Mechanics or ENCP 360 - Fluid Mechanics 	<p>include CHEM 321L, 331L (or 333L), 332L (or 334L), 541L, 542L, 550L, 591, 592, 621L.</p> <p>3. Lower Division Engineering (14 Hours)</p> <hr/> <ul style="list-style-type: none"> ECHE 101 - Introduction to Chemical Engineering or ENCP 101 - Introduction to Engineering I ECHE 300 - Chemical Process Principles ECHE 310 - Introductory Chemical Engineering Thermodynamics or ENCP 290 - Thermodynamic Fundamentals ECHE 311 - Chemical Engineering Thermodynamics ECHE 320 - Chemical Engineering Fluid Mechanics or ENCP 360 - Fluid Mechanics
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Existing Program/Major Requirements

<p>4. Chemical Engineering Major (30 Hours)</p> <hr/> <ul style="list-style-type: none"> ECHE 321 - Heat-Flow Analysis ECHE 322 - Mass Transfer ECHE 430 - Chemical Engineering Kinetics ECHE 440 - Separation Process Design ECHE 460 - Chemical Engineering Laboratory I ECHE 461 - Chemical Engineering Laboratory II ECHE 465 - Chemical-Process Analysis and Design I ECHE 466 - Chemical-Process Analysis and Design II
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5. Electives (24 Hours)

Engineering Electives (6 Hours)

- A list of acceptable Engineering Elective courses is maintained in the department office and on its [website](#). The list includes: ENCP 200 or ECIV 200 or EMCH 200; ENCP 201 or EMCH 201; ENCP 210 or ECIV 210 or EMCH 310; ENCP 260 or ECIV 220 or EMCH 260; ENCP 330 or EMCH 330; ENCP 460, 481, 499, 540; BMEN 211, 260, 271, 290, 300 and above, except 301 and 303; CSCE 211, 212, 240, 313, 317, 374; ECHE 202 (in combination with two credit hours of ECHE 499 for co-op students), 372, 389, 456, 497, 499, 520, 571, 572, 573, 574, and 589; ELCT 220, 221, 222, 300 and above; ECIV 300 and above, except 360; EMCH 300 and above, except 354 and 360.

Technical Electives (12 Hours)

- A list of acceptable Technical Elective courses is maintained in the department office and on its [website](#). The list includes all Engineering Electives, Chemistry Electives, and Chemistry Lab Electives; ENCP 102 or EMCH 111; MATH 374, 500 and above; STAT 500 and above, except 541 and 591; BIOL 101, 101L, 102, 102L, 120, 120L, 200 and above; GEOL any course; MSC1 any course; PHYS 300 and above; CSCE 145, 146, 206, 210, 215, 350.

Liberal Arts Electives (6 Hours)

- A list of acceptable Liberal Arts Elective courses is maintained in the department office and on its [website](#). The list includes all Carolina Core Liberal Arts courses (AIU, CMS, GFL, GHS, GSS, and VSR), and other department-approved courses. At least one of the six courses used to satisfy a Carolina Core Liberal Arts requirement or a Chemical Engineering Liberal Arts Elective requirement must be at the 300-level or above and in the same field of study as one of the other five courses.

5. Electives (25 Hours)

Professional Development Elective (1 Hour)

- A list of acceptable Professional Development Elective courses is maintained in the department office and on its [website](#). The list includes: ECHE 202; BMEN 202

Engineering Electives (6 Hours)

- A list of acceptable Engineering Elective courses is maintained in the department office and on its [website](#). The list includes: ENCP 200 or ECIV 200 or EMCH 200; ENCP 201 or EMCH 201; ENCP 210 or ECIV 210 or EMCH 310; ENCP 260 or ECIV 220 or EMCH 260; ENCP 330 or EMCH 330; ENCP 460, 481, 499, 540; BMEN 211, 260, 271, 290, 300 and above, except 301 and 303; CSCE 211, 212, 240, 313, 317, 374; ECHE 202 (in combination with two credit hours of ECHE 499 for co-op students), 372, 389, 456, 497, 499, 520, 571, 572, 573, 574, and 589; ELCT 220, 221, 222, 300 and above; ECIV 300 and above, except 360; EMCH 300 and above, except 354 and 360.

Technical Electives (12 Hours)

- A list of acceptable Technical Elective courses is maintained in the department office and on its [website](#). The list includes all Engineering Electives, Chemistry Electives, and Chemistry Lab Electives; ENCP 102 or EMCH 111; MATH 374, 500 and above; STAT 500 and above, except 541 and 591; BIOL 101, 101L, 102, 102L, 120, 120L, 200 and above; GEOL any course; MSC1 any course; PHYS 300 and above; CSCE 145, 146, 206, 210, 215, 350.

Liberal Arts Electives (6 Hours)

- A list of acceptable Liberal Arts Elective courses is maintained in the department office and on its [website](#). The list includes all Carolina Core Liberal Arts courses (AIU, CMS, GFL, GHS, GSS, and VSR), and other department-approved courses. At least one of the six courses used to satisfy a Carolina Core Liberal Arts requirement or a Chemical Engineering Liberal Arts Elective requirement must be at the 300-level or above and in the same field of study as one of the other five courses.

Optional Concentrations

Students may pursue any of the following concentrations by choosing specified engineering, technical, and chemistry elective courses to fulfill degree requirements:

- Concentration in Biomolecular Engineering
- Concentration in Energy
- Concentration in Interdisciplinary Engineering
- Concentration in Materials

To fulfill the requirements for any concentration, a student must complete five courses (15 credit hours) in one area and which must be approved by the student's advisor and by the department. Consult the department [website](#) or advising handbook for a list of approved concentration courses and for the Chemical Engineering Concentration approval form.

Academic Standards

Minimum Course Grades

The Chemical Engineering B.S.E. program requires that a grade of "C" or better be earned in each of the following courses: ECHE 101 or ENCP 101, ENGL 101, ENGL 102, MATH 141, MATH 142, CHEM 111, CHEM 111L, PHYS 211, and PHYS 211L.

Progression Requirements

Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Chemical Engineering B.S.E. program consist of: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 241, CHEM 111, CHEM 111L, CHEM 112, CHEM 112L, PHYS 211, PHYS 211L, PHYS 212, PHYS 212L, and all Lower Division Engineering courses. Upper Division Courses for the Chemical Engineering B.S.E. program consist of all ECHE courses numbered 321 and above.

Major GPA

Optional Concentrations

Students may pursue any of the following concentrations by choosing specified engineering, technical, and chemistry elective courses to fulfill degree requirements:

- Concentration in Biomolecular Engineering
- Concentration in Energy
- Concentration in Interdisciplinary Engineering
- Concentration in Materials
- Concentration in Environmental Engineering
- Concentration in Numerical Methods and Computing

To fulfill the requirements for any concentration, a student must complete five courses (15 credit hours) in one area and which must be approved by the student's advisor and by the department. Consult the department [website](#) or advising handbook for a list of approved concentration courses and for the Chemical Engineering Concentration approval form.

Academic Standards

Minimum Course Grades

The Chemical Engineering B.S.E. program requires that a grade of "C" or better be earned in each of the following courses: ECHE 101 or ENCP 101, ENGL 101, ENGL 102, MATH 141, MATH 142, CHEM 111, CHEM 111L, PHYS 211, and PHYS 211L.

Progression Requirements

Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Chemical Engineering B.S.E. program consist of: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 241, CHEM 111, CHEM 111L, CHEM 112, CHEM 112L, PHYS 211, PHYS 211L, PHYS 212, PHYS 212L, and all Lower Division Engineering courses. Upper Division Courses for the Chemical Engineering B.S.E. program consist of all ECHE courses numbered 321 and above.

<p>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 Chemical Engineering B.S.E. program: all Lower Division Engineering courses, all Chemical Engineering Major courses, and all Engineering Electives.</p>	<p>Major GPA</p> <p>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 Chemical Engineering B.S.E. program: all Lower Division Engineering courses, all Chemical Engineering Major courses, and all Engineering Electives.</p>
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Change Credit Hours

From: ECHE 101 Introduction to Chemical Engineering. (3)

To: ECHE 101 Introduction to Chemical Engineering. (2)

Add Prerequisite

From: ECHE 202 Exploring the Chemical Engineering Workplace. (1)

To: ECHE 202 Exploring the Chemical Engineering Workplace. (1)
Prereq: ECHE 300

Change Description, and Prerequisite

From: ECHE 310 Introductory Chemical Engineering Thermodynamics. (3) First law and second law of thermodynamics. Mathematical relationships between thermodynamic properties. Analysis of power and refrigeration cycles. Introduction to phase and chemical equilibrium.
Prereq: ECHE 300, MATH 241

To: ECHE 310 Introductory Chemical Engineering Thermodynamics. (3) First law and second law of thermodynamics. Thermodynamic properties of single component systems. Analysis of power and refrigeration cycles.
Prereq: C or better in ECHE 300 Prereq or coreq: MATH 241

From: ECHE 322 Mass Transfer. (3) Molecular diffusion in fluids; diffusion in laminar and turbulent flow; momentum, transport analogies; interfacial mass transfer; design applications include humidification, absorption, adsorption, and ion exchange.
Prereq: ECHE 300

To: ECHE 322 Mass Transfer. (3) Molecular diffusion in fluids; diffusion in laminar and turbulent flow; momentum, transport analogies; interfacial mass transfer; design applications including humidification and absorption
Prereq: C or better in ECHE 300

Change Prerequisite

From: ECHE 440 Separation Process Design. (3)
Prereq: ECHE 300

To: ECHE 440 Separation Process Design. (3)
Prereq: C or better in ECHE 300

C. Department of Civil Engineering

Change Prerequisites

From: ECIV 320 Structural Analysis I. (3)
Prereq: ECIV 201 and C or better in ECIV 220

To: ECIV 320 Structural Analysis I. (3)
Prereq: ECIV 201; MATH 242; C or better in ECIV 220

From: ECIV 325 Structural Steel Design. (3)
Prereq: ECIV 320

To: ECIV 325 Structural Steel Design. (3)
Prereq: C or better in ECIV 320

From: ECIV 327 Reinforced Concrete Design. (3)
Prereq: ECIV 320

To: ECIV 327 Reinforced Concrete Design. (3)
Prereq: C or better in ECIV 320

D. Department of Civil & Environmental Engineering

Change to Major/Degree Program – Civil Engineering, B.S.E.

Existing Program Introduction:

Learning Outcomes

- Students will demonstrate an ability to apply knowledge of mathematics, science, and engineering.
- Students will demonstrate an ability to design and conduct experiments, as well as analyze and interpret data.
- Students will demonstrate an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- Students will demonstrate an ability to function on multi-disciplinary teams.
- Students will demonstrate an ability to identify, formulate, and solve engineering problems.
- Students will demonstrate an understanding of professional and ethical responsibility.
- Students will demonstrate an ability to communicate effectively.
- Students will demonstrate an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- Students will demonstrate a knowledge of contemporary issues.
- Students will demonstrate an understanding of professional and ethical responsibility.
- Students will demonstrate the broad education necessary to understand the impact of engineering solutions

in a global, economic, environmental, and societal context.

- Students will demonstrate a recognition of the need for, and an ability to engage in life-long learning.
- Students will demonstrate a knowledge of contemporary issues.

Curriculum (129-141 hours)

1. Carolina Core (34-46 hours)
2. Other General Requirements (17 hours)
3. Lower Division Engineering (18 hours)
4. Civil Engineering Major (25 hours)
5. Electives (35 hours)

Existing Carolina Core Requirements:

- CMW

CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours)

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

- ARP

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

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

- SCI

SCI: Scientific Literacy (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

GFL: Global Citizenship and Multicultural Understanding: Foreign Language (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

GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)

- Any approved Carolina Core course for GHS

GSS

GSS: Global Citizenship and Multicultural Understanding - Social Sciences (3 hours)

- Any approved Carolina Core course for GSS

AIU

AIU: Aesthetic and Interpretive Understanding (3 Hours)

- Any approved Carolina Core course for AIU

CMS

CMS: Effective, Engaged, and Persuasive Communication: Spoken Component (3 Hours)

Choose from:

- PHIL 325 - Engineering Ethics (CMS/ VSR overlay)
- SPCH 140 - Public Communication

INF

INF: Information Literacy (0-3 hours)

- USC ENGL 102 or any approved overlay or stand-alone Carolina Core INF course

VSR

VSR: Values, Ethics and Social Responsibility (0-3 hours)

Choose from:

- PHIL 325 - Engineering Ethics (CMS/VSR overlay)
- PHIL 322 - Environmental Ethics

Existing College/School Gen Ed or Departmental Requirements:

Other General Requirements (17 hours)

- CHEM 112 - General Chemistry II
- MATH 241 - Vector Calculus

- MATH 242 - Elementary Differential Equations
- PHYS 212 - Essentials of Physics II
- PHYS 212L - Essentials of Physics II Lab
- STAT 509 - Statistics for Engineers

Lower Division Engineering (18 hours)

- ECIV 101 - Introduction to Civil Engineering
- or ENCP 101 - Introduction to Engineering I
- ECIV 200 - Statics
- ECIV 201 - Computational Methods for Civil Engineering
- or ENCP 201 - Introduction to Applied Numerical Methods
- ECIV 210 - Dynamics
- or ENCP 210 - Dynamics
- ECIV 220 - Mechanics of Solids
- or ENCP 260 - Introduction to the Mechanics of Solids

Existing Program / Major Requirements:

Civil Engineering Majors (26 hours)

- ECIV 111 - Introduction to Engineering Graphics and Visualization
- or ENCP 102 - Introduction to Engineering II
- ECIV 303 - Civil Engineering Materials
- ECIV 320 - Structural Analysis I
- ECIV 330 - Introduction to Geotechnical Engineering
- ECIV 340 - Introduction to Transportation Engineering
- ECIV 350 - Introduction to Environmental Engineering
- ECIV 362 - Introduction to Water Resources Engineering
- ECIV 405 - Systems Applications in Civil Engineering
- ECIV 470 - Civil Engineering Design

<u>Exsting</u>	<u>Proposed</u>
<p>Electives (35 hours)</p> <hr/> <p>ECIV Laboratory Courses (2 hours)</p> <p>Select two of the following:</p> <ul style="list-style-type: none"> • ECIV 303L - Civil Engineering Materials 	<p>Electives (35 hours)</p> <hr/> <p>ECIV Laboratory Courses (2 hours)</p> <p>Select two of the following:</p> <ul style="list-style-type: none"> • ECIV 303L - Civil Engineering Materials Laboratory

<p>Laboratory</p> <ul style="list-style-type: none"> • ECIV 330L - Geotechnical Laboratory • ECIV 350L - Introduction to Environmental Engineering Laboratory • ECIV 362L - Introduction to Water Resources Engineering Laboratory <p>ECIV Distribution Courses (12 hours)</p> <p>ECIV distribution includes one course from four of the following five areas:</p> <ul style="list-style-type: none"> • environmental • geotechnical • structures • transportation • water resources <p>The department maintains lists of courses for each area in the department office and on its website.</p> <p>ECIV Electives (12 hours)</p> <p>Four ECIV electives chosen from additional ECIV courses numbered 300 and above.</p> <p>Engineering, Science, or Mathematics (ESM) Electives (9 hours)</p> <p>Choose from a list of acceptable engineering, science and mathematics elective courses that is maintained in the department office and on its website.</p> <ul style="list-style-type: none"> • ECIV 303L - Civil Engineering Materials Laboratory • ECIV 330L - Geotechnical Laboratory • ECIV 350L - Introduction to Environmental Engineering Laboratory • ECIV 362L - Introduction to Water Resources Engineering Laboratory 	<ul style="list-style-type: none"> • ECIV 330L - Geotechnical Laboratory • ECIV 350L - Introduction to Environmental Engineering Laboratory • ECIV 362L - Introduction to Water Resources Engineering Laboratory <p>ECIV Distribution Courses (12 hours)</p> <p>ECIV distribution includes one course from four of the following five areas:</p> <ul style="list-style-type: none"> • environmental • geotechnical • structures • transportation • water resources <p>The department maintains lists of courses for each area in the department office and on its website.</p> <p>ECIV Electives (12 hours)</p> <p>Four ECIV electives chosen from additional ECIV courses numbered 300 and above.</p> <p>Engineering, Science, or Mathematics (ESM) Electives (9 hours)</p> <p>Choose from a list of acceptable engineering, science and mathematics elective courses that is maintained in the department office and on its website.</p>
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<p><u>Existing</u> Other Program Requirements:</p> <p>Academic Standards</p>	<p><u>Proposed</u> Change Program Requirements:</p> <p>Academic Standards</p>
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<p>Entrance Requirements</p> <p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Minimum Course Grades</p> <p>The Civil Engineering B.S.E. program requires that a grade of “C” or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 141, MATH 142, CHEM 111, PHYS 211, ECIV 200, ECIV 201, and ECIV 220.</p> <p>Progression Requirements</p> <p>Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Civil Engineering B.S.E. program consist of: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 241, CHEM 111, CHEM 111L, CHEM 112, CHEM 112L, PHYS 211, PHYS 211L, PHYS 212, PHYS 212L, and all Lower Division Engineering courses. Upper Division Courses for the Civil Engineering B.S.E. program consist of all ECIV courses number 300 and above, except ECIV 360.</p> <p>Major GPA</p> <p>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 Civil Engineering B.S.E. program: all Lower Division Engineering courses, all Civil Engineering Major courses, and all courses used to satisfy a ECIV Laboratory Elective, ECIV Distribution Elective, and ECIV Elective.</p> <p>Professional Development Requirement</p> <p>This requirement is satisfied by completing one or more program-accepted Carolina Core courses for CMS and VSR, by ENGL 462, ENGL 463, PHIL 323, PHIL 324, or SPCH 230.</p>	<p>Entrance Requirements</p> <p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Minimum Course Grades</p> <p>The Civil Engineering B.S.E. program requires that a grade of “C” or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 141, MATH 142, CHEM 111, PHYS 211, ECIV 200, ECIV 201, and ECIV 220.</p> <p>Major GPA</p> <p>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 Civil Engineering B.S.E. program: all Lower Division Engineering courses, all Civil Engineering Major courses, and all courses used to satisfy a ECIV Laboratory Elective, ECIV Distribution Elective, and ECIV Elective.</p> <p>Professional Development Requirement</p> <p>This requirement is satisfied by completing one or more program-accepted Carolina Core courses for CMS and VSR, by ENGL 462, ENGL 463, PHIL 323, PHIL 324, or SPCH 230.</p>
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E. Department of Computer Science and Engineering
Change in curriculum – Computer Information Systems, B.S.
Existing Program / Major Requirements:

Stays the same, only the BIM part changes (Minor requirements).

<u>Current</u>	<u>Proposed</u>
<p>Minor in Business Information Management:</p>	<p>Minor in Business Information Management:</p>
<p>Required Courses (18 hours):</p>	<p>Required Courses (18 hours):</p>
<ul style="list-style-type: none"> • ECON 224 - Introduction to Economics • ACCT 222 - Introduction to Accounting • MGMT 371 - Principles of Management • MGSC 390 - Business Information Systems • MGSC 490 - Information Systems Analysis and Design • MGSC 590 - Information Systems Development 	<ul style="list-style-type: none"> • ECON 224 - Introduction to Economics • ACCT 222 - Introduction to Accounting • MGMT 371 - Principles of Management • MGSC 390 - Business Information Systems • MGSC 490 - Information Systems Analysis and Design • MGSC 590 - E-Commerce Concepts and Research Topics
<p>Electives (6 hours):</p>	<p>Electives (6 hours):</p>
<p>Choose any two of the following courses:</p>	<p>Choose any two of the following courses:</p>
<ul style="list-style-type: none"> • ACCT 324 - Survey of Commercial Law • ECON 311 - Issues in Economics • ECON 379 - Government Policy Toward Business • FINA 333 - Finance and Markets • IBUS 301 - Introduction to International Business • MGMT 472 - Entrepreneurship and Small Business • MKTG 350 - Principles of Marketing • MKTG 351 - Consumer Behavior • MGSC 395 - Operations Management 	<ul style="list-style-type: none"> • ACCT 324 - Survey of Commercial Law • ECON 311 - Issues in Economics • ECON 379 - Government Policy Toward Business • FINA 333 - Finance and Markets • IBUS 301 - Introduction to International Business • MGMT 472 - Entrepreneurship and Small Business • MKTG 350 - Principles of Marketing • MKTG 351 - Consumer Behavior • MGSC 392 - Quantitative Analysis for Business Decision Making • MGSC 395 - Operations Management • MGSC 594 - Strategic Management of Information Systems

Change in curriculum – Major/Degree Program Computer Information Systems, B.S.

<u>Current</u>	<u>Proposed</u>
<p>Curriculum</p>	<p>Curriculum</p>

<p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p> <p>In addition to the general education and progression requirements of the College of Engineering and Computing, a grade of C or better is required in all CSCE courses applied to the degree and in either MATH 174 or MATH 374. All required CSCE courses and courses taken as major electives are major courses and may not be counted toward a minor or application area. All other required courses and electives may be used for a minor or application area as appropriate. CSCE 101 and 102 are not major courses and may not be used for major credit.</p> <p>[skip]</p> <p>Entrance Requirements</p> <p>See the College of Engineering and Computing section of this bulletin for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Minimum Course Grades</p> <p>The Computer Information Systems B.S. program requires that a grade of "C" or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 122 or 141, MATH 174 or 374, and all CSCE courses applied to the degree.</p> <p>Progression Requirements</p> <p>Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Computer Information Systems B.S. program consist of: ENGL 101 and 102, MATH 122 or 141, MATH 174 or 374, CSCE 145, and all Lower Division Computing courses. Upper Division Courses consist of: all CSCE courses number 300 and above.</p>	<p>[Note that we eliminate mentions of "progression requirements" on the text below]</p> <p>See College of Engineering and Computing for entrance requirements and special academic opportunities.</p> <p>In addition to the general education requirements of the College of Engineering and Computing, a grade of C or better is required in all CSCE courses applied to the degree and in either MATH 174 or MATH 374. All required CSCE courses and courses taken as major electives are major courses and may not be counted toward a minor or application area. All other required courses and electives may be used for a minor or application area as appropriate. CSCE 101 and 102 are not major courses and may not be used for major credit.</p> <p>[skip]</p> <p>Entrance Requirements</p> <p>See the College of Engineering and Computing section of this bulletin for entrance requirements and special academic opportunities.</p> <p>Minimum Course Grades</p> <p>The Computer Information Systems B.S. program requires that a grade of "C" or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 122 or 141, MATH 174 or 374, and all CSCE courses applied to the degree.</p> <p>[cut entire Progression Requirements section]</p>
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Change in curriculum – Major/Degree Program Computer Science, B.S.C.S.

<u>Current</u>	<u>Proposed</u>
<p>Curriculum</p> <hr/> <p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p>	<p>Curriculum</p> <hr/> <p>[Note that we eliminate mentions of "progression requirements" on the text below]</p> <p>College of Engineering and Computing for entrance</p>

<p>In addition to the general education and progression requirements of the College of Engineering and Computing, a grade of C or better is required in MATH 374 and all CSCE courses applied to the degree. All required CSCE courses and courses taken as major electives are major courses and may not be counted toward a minor or application area. All other required courses and electives may be used for a minor or application area as appropriate. CSCE 101 and 102 are not major courses and may not be</p> <p>[skip]</p> <p>Entrance Requirements See the College of Engineering and Computing section of this bulletin for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Minimum Course Grades The Computer Science B.S.C.S. program requires that a grade of "C" or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 374, CHEM 111 or PHYS 211, and all CSCE courses applied to the degree.</p> <p>Progression Requirements Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Computer Science B.S.C.S. program consist of: ENGL 101 and 102, MATH 141, 142 and 374, CHEM 111 or PHYS 211, and all Lower Division Computing courses. Upper Division Courses consist of: all CSCE courses number 300 and above.</p>	<p>requirements and special academic opportunities.</p> <p>In addition to the general education requirements of the College of Engineering and Computing, a grade of C or better is required in MATH 374 and all CSCE courses applied to the degree. All required CSCE courses and courses taken as major electives are major courses and may not be counted toward a minor or application area. All other required courses and electives may be used for a minor or application area as appropriate. CSCE 101 and 102 are not major courses and may not be</p> <p>[skip]</p> <p>Entrance Requirements See the College of Engineering and Computing section of this bulletin for entrance requirements and special academic opportunities.</p> <p>Minimum Course Grades The Computer Science B.S.C.S. program requires that a grade of "C" or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 374, CHEM 111 or PHYS 211, and all CSCE courses applied to the degree.</p> <p>[Delete entire Progression Requirements section]</p>
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Change in curriculum – Major/Degree Program Computer Engineering, B.S.E.

<u>Existing</u>	<u>Proposed</u>
<p>Curriculum (124-133 hours)</p> <p>.....</p> <p>2. Other General Education (22 hours)</p> <hr/> <p>Required Courses (16 hours)</p> <hr/>	<p>Curriculum (125-134 hours)</p> <p>.....</p> <p>2. Other General Education (23 hours)</p> <hr/> <p>Required Courses (20 hours)</p> <hr/>

<ul style="list-style-type: none"> • MATH 241 - Vector Calculus • MATH 242 - Elementary Differential Equations • MATH 374 - Discrete Structures • PHYS 212 - Essentials of Physics II • PHYS 212L - Essentials of Physics II Lab • STAT 509 - Statistics for Engineers <p>Mathematics Elective (3 hours)</p> <hr/> <p>Choose one course from MATH 526, MATH 527, MATH 544 or CSCE 561. Other courses in linear algebra or numerical analysis may be substituted with permission of the department.</p> <p>English Elective (3 hours)</p> <hr/> <p>Choose one course from ENGL 462 or ENGL 463.</p>	<ul style="list-style-type: none"> • MATH 241 - Vector Calculus • MATH 242 - Elementary Differential Equations • MATH 374 - Discrete Structures • MATH 344 - Applied Linear Algebra • MATH 344L - Applied Linear Algebra Lab • PHYS 212 - Essentials of Physics II • PHYS 212L - Essentials of Physics II Lab • STAT 509 - Statistics for Engineers <p>English Elective (3 hours)</p> <hr/> <p>Choose one course from ENGL 462 or ENGL 463.</p>
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Change in curriculum – Major/Degree Program Computer Engineering, B.S.E.

<u>Current</u>	<u>Proposed</u>
<p>Existing</p> <hr/> <p>See College of Engineering and Computing for entrance requirements, progression requirements, and special academic opportunities.</p> <p>In addition to the general education and progression requirements of the College of Engineering and Computing, a grade of C or better is required in MATH 374 and all CSCE courses applied to the degree.</p> <p>[skip]</p> <p>Entrance Requirements See the College of Engineering and Computing section of this bulletin for entrance requirements, progression requirements, and special academic opportunities.</p> <p>Minimum Course Grades The Computer Engineering B.S.E. program requires that a grade of “C” or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 141,</p>	<p>Curriculum</p> <hr/> <p>[Note that we eliminate mentions of "progression requirements" on the text below]</p> <p>See College of Engineering and Computing for entrance requirements and special academic opportunities.</p> <p>In addition to the general education requirements of the College of Engineering and Computing, a grade of C or better is required in MATH 374 and all CSCE courses applied to the degree.</p> <p>[skip]</p> <p>Entrance Requirements See the College of Engineering and Computing section of this bulletin for entrance requirements and special academic opportunities.</p> <p>Minimum Course Grades The Computer Engineering B.S.E. program requires that a grade of “C” or better be earned in each of the following courses: ENGL 101, ENGL 102, MATH 141,</p>

<p>MATH 142, MATH 374, PHYS 211, PHYS 211L, and all CSCE courses applied to the degree.</p> <p>Progression Requirements Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Computer Engineering B.S.E. program consist of: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 241, MATH 242, CHEM 111, CHEM 111L, PHYS 211, PHYS 211L, ELCT 102, ELCT 221, and all Lower Division Computer Engineering courses. Upper Division Courses for the Computer Engineering B.S.E. program consist of all CSCE courses number 300 and above.</p>	<p>MATH 142, MATH 374, PHYS 211, PHYS 211L, and all CSCE courses applied to the degree.</p> <p>[cut entire Progression Requirements section]</p>
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Change Prerequisite

From: CSCE 311 Operating Systems. (3)
Prereq: CSCE 240, CSCE 210 or 212

To: CSCE 311 Operating Systems. (3)
Prereq: CSCE 240; CSCE 210 or CSCE 212

E. Department of Electrical Engineering

Change in curriculum – Major/Degree Program BSE Electrical Engineering

<u>Existing</u>	<u>Proposed</u>
<p>3. Lower Division Engineering (25 hours)</p> <hr/> <ul style="list-style-type: none"> • CSCE 145 - Algorithmic Design I • CSCE 211 - Digital Logic Design • CSCE 212 - Introduction to Computer Architecture • <u>ELCT 101 - Electrical and Electronics Engineering</u> • ELCT 102 - Electrical Science • ELCT 201 - Introductory Electrical Engineering Laboratory • ELCT 221 - Circuits • ELCT 222 - Signals and Systems 	<p>3. Lower Division Engineering (25 hours)</p> <hr/> <ul style="list-style-type: none"> • CSCE 145 - Algorithmic Design I or EMCH 201 - Introduction to Applied Numerical Methods, or PHYS 306 - Principles of Physics • CSCE 211 - Digital Logic Design • CSCE 212 - Introduction to Computer Architecture • ELCT 101 - Electrical and Electronics Engineering • ELCT 102 - Electrical Science • ELCT 201 - Introductory Electrical Engineering Laboratory • ELCT 221 - Circuits • ELCT 222 - Signals and Systems

Existing Program / Major Requirements:

4. Electrical Engineering Major (30 hours)

- [ELCT 301 - Electronics Laboratory](#)
- [ELCT 302 - Real-Time Systems Laboratory](#)
- [ELCT 321 - Digital Signal Processing](#)
- [ELCT 331 - Control Systems](#)
- [ELCT 350 - Computer Modeling of Electrical Systems](#)
- [ELCT 361 - Electromagnetics](#)
- [ELCT 363 - Introduction to Microelectronics](#)
- [ELCT 371 - Electronics](#)
- [ELCT 403 - Capstone Design Project I](#)
- [ELCT 404 - Capstone Design Project II](#)

Existing Electives:

5. Career Plan Electives (15 hours)

The student, in consultation with his or her advisor, will select 15 hours of electives that support the student's defined career plan. Not more than 6 hours of these electives may be from another discipline, and all must be at or above the 300-level.

<u>Existing</u>	<u>Proposed</u>
<p>Progression Requirements</p> <p>Progression requirement policies are described in the College of Engineering and Computing section of this bulletin. For the purpose of these policies, Lower Division Courses for the Electrical Engineering B.S.E. program consist of: ENGL 101, ENGL 102, MATH 141, MATH 142, MATH 241, MATH 242, CHEM 111, CHEM 111L, PHYS 211, PHYS 211L, PHYS 212, PHYS 212L, and all Lower Division Engineering courses. Upper Division Courses for the Electrical Engineering B.S.E. program consist of all ELCT courses number 300 and above.</p> <p>Major GPA</p> <p>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 Electrical Engineering B.S.E. program: all Lower Division Engineering courses, all Electrical Engineering Major courses, CSCE 146 and EMCH 220.</p>	<p>Major GPA</p> <p>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 Electrical Engineering B.S.E. program: all Lower Division Engineering courses, and all Electrical Engineering Major courses.</p>

F. Department of Mechanical Engineering

Change Prerequisite

From: EMCH 330 Mechanical Vibrations. (3)

Prereq: EMCH 220 with a grade of C or better, MATH 242

To: EMCH 330 Mechanical Vibrations. (3)

Prereq: MATH 242 and either EMCH 310 or ENCP 210

5. COLLEGE OF HOSITALITY, RETAIL, & SPORT MANAGEMENT

A. Hotel Restaurants & Tourism Management

Change to Major/Degree Program – Change in Hospitality Management

<p><u>Existing</u></p> <p>Degree Requirements (127 Hours)</p> <hr/> <p>1. Carolina Core Courses 2. College Required Courses 3. Related Coursework 4. Major Coursework 5. Free Electives</p>	<p><u>Proposed</u></p> <p>Degree Requirements (120 Hours)</p> <hr/> <p>1. Carolina Core Courses 2. College Required Courses 3. Related Coursework 4. Major Coursework 5. Free Electives</p>
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<p>5. Approved Free Elective Courses (3-15 Hours)</p> <hr/> <p>The Hospitality Management Major Curriculum includes 3 to 15 hours of approved electives depending on how students fulfill the Carolina Core Requirements. Any course in the university can be used to satisfy the elective requirement including additional electives in the major.</p>	<p>5. Approved Free Elective Courses (3-8 Hours)</p> <hr/> <p>The Hospitality Management Major Curriculum includes 3 to 8 hours of approved electives depending on how students fulfill the Carolina Core Requirements. Any course in the university can be used to satisfy the elective requirement including additional electives in the major.</p>
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Change to Major/Degree Program – Change in Tourism Management

<p><u>Existing</u></p> <p><u>Number of Credit Hours: 127</u></p> <p>Degree Requirements (127 Hours)</p> <hr/> <p>1. Carolina Core Courses 2. College Required Courses 3. Related Coursework 4. Major Coursework 5. Free Electives</p> <p>4. Major Coursework</p>	<p><u>Proposed</u></p> <p><u>Change Credit Hours: 120</u></p> <p>Degree Requirements (120 Hours)</p> <hr/> <p>1. Carolina Core Courses 2. College Required Courses 3. Related Coursework 4. Major Coursework 5. Free Electives</p> <p>4. Major Coursework</p>
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<p>Concentration Courses (39 Hours)</p> <ul style="list-style-type: none"> • HRTM 280 - Foundations of Tourism • HRTM 290 - Hospitality and Tourism Practicum • HRTM 364 - Conference and Meeting Planning • HRTM 381 - Travel and Destination Management • HRTM 386 - Tourism Festival Planning and Management • HRTM 388 - Resort Development and Management • HRTM 450 - Hospitality and Tourism Marketing • HRTM 481 - Analytical Techniques in Tourism and Hospitality • HRTM 482 - Sustainable Tourism Planning and Policy • HRTM 584 - Tourism Information Technology Issues • HRTM 495 - Hospitality and Tourism Internship <p>Major Elective Courses (12 Hours)</p> <hr/> <p>Chosen in consultation with advisor; at least 6 hours must be from HRTM courses.</p>	<p>Concentration Courses (39 Hours)</p> <ul style="list-style-type: none"> • HRTM 110 - Introduction to the Hospitality Industry • HRTM 280 - Foundations of Tourism • HRTM 290 - Hospitality and Tourism Practicum • HRTM 364 - Conference and Meeting Planning • HRTM 381 - Travel and Destination Management • HRTM 388 - Resort Development and Management • HRTM 450 - Hospitality and Tourism Marketing • HRTM 481 - Analytical Techniques in Tourism and Hospitality • HRTM 482 - Sustainable Tourism Planning and Policy • HRTM 584 - Tourism Information Technology Issues • HRTM 495 - Hospitality and Tourism Internship <p>Major Elective Courses (9 Hours)</p> <hr/> <p>Chosen in consultation with advisor; at least 6 hours must be from HRTM courses.</p>
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<p>5. Approved Free Elective Courses (3-15 Hours)</p> <hr/> <p>The Tourism Major Curriculum includes 3 to 15 hours of approved electives depending on how students fulfill the Carolina Core Requirements. Any course in the university can be used to satisfy the elective requirement including additional electives in the major.</p>	<p>5. Approved Free Elective Courses (3-11 Hours)</p> <hr/> <p>The Tourism Major Curriculum includes 3 to 11 hours of approved electives depending on how students fulfill the Carolina Core Requirements. Any course in the university can be used to satisfy the elective requirement including additional electives in the major.</p>
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B. Department of Integrated Information Technology

Change to Major/Degree Program – Change BS in Integrated Information Technology Existing

Integrated Information Technology (iIT)
College of Hospitality, Retail, and Sport Management

This major prepares graduates for careers in information technology. The program focuses on the design, implementation and management of information systems and networks, including databases, large-scale computers, and Internet-based systems, as well as project management and end-user support. The program includes general education courses, information technology core and advanced courses, management courses related to the field, and an industry internship.

Accreditation

The Integrated Information Technology program is accredited by the Computing Accreditation Commission of ABET, www.abet.org.

Learning Outcomes

Students will demonstrate the ability to:

GOAL 1 advance in their careers through their knowledge of information technology, communication skills, and understanding of business and technological issues.

- function effectively on teams to accomplish a common goal;
- communicate effectively with a range of audiences;
- use and apply current technical concepts and practices in the core information technologies

GOAL 2 continue their professional development through professional study and research.

- recognize the need for and be able to engage in continuing professional development;

GOAL 3 contribute to economic development and society through the effective use of technology to address problems in a broad range of settings.

- analyze a problem and identify and define the computing requirements appropriate to its solution;
- understand professional, ethical, legal, security, and social issues and responsibilities;
- design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs;

GOAL 4 advocate for the needs of users and organizations in developing technical solutions.

- identify / analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems;
- effectively integrate IT-based solutions into the user environment;

GOAL 5 anticipate the changing direction of information technology and evaluate and communicate the likely utility of new technologies to an individual or organization.

- analyze the local and global impact of computing on individuals, organizations, and society;

GOAL 6 manage the information resources of an individual or organization.

- assist in the creation of an effective project plan.
- use current techniques, skills, and tools necessary for computing practice;

GOAL 7 explain and apply appropriate information technologies and employ appropriate methodologies to help an individual or organization achieve its goals and objectives.

- apply knowledge of computing and mathematics appropriate to the discipline;

- identify best practices and standards and their application.

Curriculum (Total Credit Hours: 125)

A bachelor of science degree in Integrated Information Technology consists of the Carolina Core, related coursework, College of HRSM required courses, iIT required and elective courses, and free electives.

1. Carolina Core Courses
2. Related Coursework
3. HRSM College Required Courses
4. iIT Major Requirements
5. Free Electives

Integrated Information Technology majors may pursue a minor in any course of study offered by the College of Hospitality, Retail and Sport Management (HRSM) as well as any other University program with an approved minor. College of HRSM required courses may not be counted toward a minor.

Progression Requirements

Pre-professional courses needed to progress to Professional Division (45 Hours)

The IIT program is divided into Pre-Professional and Professional division classes. Students are required to complete 15 designated Pre-Professional courses (see below) and obtain a minimum grade point average of 2.00 before being eligible to enroll in Professional Division classes. Students who do not meet the specific course, semester hour, and grade point average requirements for progression must continue in the Pre-Professional division or change to another major. The required Pre-Professional classes are:

- ARP Carolina Core Requirement
- CMW Carolina Core Requirement
- 12 additional credit hours of Carolina Core Learning Outcomes
- [CSCE 201 - Introduction to Computer Security](#)
- [ITEC 242 - Business Communications](#)
- [ITEC 264 - Computer Applications in Business I](#)
- [ITEC 233 - Introduction to Computer Hardware and Software Support](#)
- [ITEC 245 - Introduction to Networking](#)
- [ITEC 265 - Computer Applications in Business II](#)
- [ITEC 362 - Web-Based Support Systems](#)

Course Grade Requirements

All courses listed under CMW Carolina Core Requirements, College of HRSM Required Courses, iIT Core Courses, and iIT Professional Division Courses must be completed with a grade of C or better.

Graduation requires a 2.00 GPA. In order to satisfy the requirements for a degree in Integrated Information Technology and regardless of other satisfactory work, a student may not take an ITEC course more than two times

Existing College/School Gen Ed or Departmental Requirements:

1. Carolina Core for the College of HRSM and General Education for the Degree Program (31–43 Credit Hours)

Integrated Information Technology majors must fulfill all Carolina Core general education requirements. The Carolina Core consists of 31 to 43 credit hours of required coursework in ten different areas of study. Students select one or more courses for each learning outcome to satisfy the minimum number or credit hours required. (for additional information and lists of approved courses, please refer to the Carolina Core section of the Bulletin.)

CMW: Effective, Engaged, and Persuasive Communication: Writing (6 hours)

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

ARP: Analytical Reasoning and Problem Solving (6-8 hours)

Two courses, one from category A, one from category B

A. MATH 174 - Discrete Mathematics for Computer Science

B. STAT 201 - Elementary Statistics or STAT 205 - Elementary Statistics for the Biological and Life Sciences

SCI: Scientific Literacy (7 hours)

- Two approved Carolina Core courses from the natural sciences including one laboratory selected from Astronomy, Biology, Chemistry, Environmental Science, Geology, Marine Science or Physics

GFL: Global Citizenship and Multicultural Understanding/Foreign Language (0-6 hours)

- College of HRSM students must demonstrate proficiency in a foreign language by achieving a score of 2 or higher on the foreign language placement test or by completing one foreign language course through to 110 or 121. See list of approved GFL courses.

GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)

- Any approved Carolina Core course for Global Citizenship and Multicultural Understanding: Historical Thinking

GSS: Global Citizenship and Multicultural Understanding/Social Sciences (3 hours)

- Any approved Carolina Core course for Global Citizenship and Multicultural Understanding/Social Sciences

AIU: Aesthetic and Interpretive Understanding (3 hours)

- Any approved Carolina Core course for Aesthetic and Interpretive Understanding

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

- [SPCH 140 - Public Communication](#)

or

- [SPCH 230 - Business and Professional Speaking](#)

INF: Information Literacy

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

VSR: Values, Ethics and Social Responsibility

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

2. Related Coursework (3 Credit Hours)

- [ECON 224 - Introduction to Economics](#)

3. College of HRSM Required Courses (21 Credit Hours)

- [SPTE 240 - Business Law](#)
- [ITEC 242 - Business Communications](#)
- [ITEC 264 - Computer Applications in Business I](#)
- [RETL 261 - Functional Accounting I](#)
- [RETL 262 - Functional Accounting II](#)
- [HRTM 344 - Personnel Organization and Supervision](#)
- [HRSM 301 - HRSM Professional Development Seminar](#)

Existing Program / Major Requirements:

4. Integrated Information Technology Requirements (52 Credit Hours)

A. iIT Core Courses (30 Credit Hours)

- ITEC 101 - Thriving in the Tech Age
- ITEC 233 - Introduction to Computer Hardware and Software Support
- ITEC 245 - Introduction to Networking
- ITEC 265 - Computer Applications in Business II
- CSCE 204 - Program Design and Development
- ITEC 352 - Software Design
- ITEC 362 - Web-Based Support Systems
- ITEC 370 - Database Systems in Information Technology
- ITEC 444 - Introduction to Human Computer Interaction
- ITEC 445 - Advanced Networking

B. IIT Professional Division Classes (22 Credit Hours)

The following courses are restricted to students enrolled in the professional division of Integrated Information Technology, or those students who receive special permission from the program chair:

- ITEC 301 - Professional Internship Seminar
- ITEC 447 - Management of Information Technology
- ITEC 448 - Professional Internship
- ITEC 560 - Analysis and Applications of Project Management Software
- ITEC 564 - Project Management for Information Systems
- ITEC Elective (one of the following courses required):
 1. ITEC 475 - Mainframe Systems
 2. ITEC 476 - Job Control Language
 3. ITEC 544 - Training Systems
 4. ITEC 545 - Telecommunications
 5. ITEC 562 - Advanced Web Support Systems
 6. ITEC 570 - Database Management and Administration
 7. ITEC 586 - eCommerce Technology in Hospitality
 8. ITEC 590 - Special Topics in Integrated Information Technology

<p>5. Free Electives (6-18 Credit Hours)</p> <hr/> <p>The IIT curriculum includes 6-18 hours of electives depending on how students fulfill the Carolina Core requirements. Any course in the university can be used to satisfy the elective requirement (including additional electives in the major).</p>	<p>5. Free Electives (1-13 Credit Hours)</p> <hr/> <p>The IIT curriculum includes 1-13 hours of electives depending on how students fulfill the Carolina Core requirements. Any course in the university can be used to satisfy the elective requirement (including additional electives in the major).</p>
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Change to Major/Degree Program – BS in Sport and Entertainment Management

<p>Overview</p> <p>The Sport and Entertainment Management (SPTE) Department at the University of South Carolina prepares students for a variety of managerial positions in the sport</p>	<p>Overview</p> <p>The Sport and Entertainment Management (SPTE) Department at the University of South Carolina prepares students for a variety of managerial positions in the sport</p>
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<p>and entertainment industry.</p> <p>The goal of the SPTE department is to create an integrated academic learning environment for analyzing and resolving the challenges in the business of sport and entertainment. The SPTE department provides a comprehensive curriculum that includes courses in general education, business and sport and entertainment management, as well as two experiential learning experiences (practicum and internship) under the supervision of industry professionals and SPTE faculty.</p> <p>The faculty and staff are committed to providing support for student achievement. Students can enter the industry with exceptional knowledge, professional preparation, a strong alumni network, and the confidence to assume leadership positions.</p>	<p>and entertainment industry.</p> <p>The goal of the SPTE department is to create an integrated academic learning environment for analyzing and resolving the challenges in the business of sport and entertainment. The SPTE department provides a comprehensive curriculum that includes courses in general education, business and sport and entertainment management, as well as two experiential learning experiences (practicum and internship) under the supervision of industry professionals and SPTE faculty.</p> <p>The faculty and staff are committed to providing support for student achievement. Students can enter the industry with exceptional knowledge, professional preparation, a strong alumni network, and the confidence to assume leadership positions.</p>
<p>Learning Outcomes</p>	<p>Learning Outcomes</p>
<ul style="list-style-type: none"> • Students should be able to demonstrate knowledge of the qualifications, job requirements, and working conditions for a sport and entertainment industry position. • Students should be able to demonstrate the computer and technical skills needed for a sport and entertainment industry position. • Students should be able to apply learned concepts and theory to demonstrate an understanding of the nature of the sport and entertainment industry. 	<ul style="list-style-type: none"> • Identify and summarize the qualifications, job requirements, and working conditions for a sport and entertainment industry position. • Demonstrate the computer and technical skills needed for a sport and entertainment industry position. • Apply learned concepts and theory to demonstrate an understanding of the nature of the sport and entertainment industry.
<p>Degree Requirements (127 hours)</p>	<p>Degree Requirements (120 hours)</p>
<ul style="list-style-type: none"> • Carolina Core Courses • College of HRSM Required Courses • Related Coursework • Major Coursework • Free Electives 	<ul style="list-style-type: none"> • Carolina Core Courses • College of HRSM Required Courses • Related Coursework • Major Coursework • Free Electives • Optional Concentrations
<p>Curriculum Requirements</p>	<p>Curriculum Requirements</p>
<p>Progression Requirements</p>	<p>Progression Requirements</p>

<p>In order to enroll in the Professional Division of SPTE, students must complete 45 credit hours in the courses indicated as Pre-Professional Division with a minimum grade point average of 2.75. Students who do not meet the specific course, semester hour, and grade point average requirements for progression must continue in the Pre-Professional division or change to another major. Only students admitted to the professional division of Sport and Entertainment Management will be allowed to enroll for more than 18 credit hours of SPTE course work.</p> <p>Pre-Professional courses include the following:</p> <ul style="list-style-type: none"> • Carolina Core Courses within the CMW, ARP and CMS areas • Pre-Professional College Required Courses • Pre-Professional Related Courses • Pre-Professional Major Courses <p>Course Grade Requirements</p>	<p>In order to enroll in the Professional Division of SPTE, students must complete 48-49 credit hours in the courses indicated as Pre-Professional Division with a minimum grade point average of 2.75. Students who do not meet the grade point average requirement for progression must continue in the Pre-Professional division until they achieve a 2.75 GPA or change to another major. Only students admitted to the professional division of Sport and Entertainment Management will be allowed to enroll for more than 18 credit hours of SPTE course work.</p> <p>Pre-Professional courses include the following:</p> <ul style="list-style-type: none"> • Carolina Core Courses within the CMW, ARP and CMS areas • Pre-Professional College Required Courses • Pre-Professional Related Courses • Pre-Professional Major Courses <p>Course Grade Requirements</p>
<p>Students in this major must receive a C or better in the following courses:</p> <ul style="list-style-type: none"> • The CMW Carolina Core Courses • All SPTE Major Courses • All SPTE Major Elective Courses • All Related Coursework <p>Graduation requires a 2.75 GPA. In order to satisfy the requirements for a degree in Sport and Entertainment Management.</p>	<p>Students in this major must receive a C or better in the following courses:</p> <ul style="list-style-type: none"> • The CMW Carolina Core Courses • All SPTE Major Courses • All SPTE Major Elective Courses <p>Graduation requires a 2.75 GPA in order to satisfy the requirements for a degree in Sport and Entertainment Management.</p>

Existing Carolina Core Requirements:

- CMW**
 - ENGL 101 - Critical Reading and Composition
 - ENGL 102 - Rhetoric and Composition
- ARP**
 - MATH 122 - Calculus for Business Administration and Social Sciences OR MATH 141 - Calculus I
 - STAT 201 - Elementary Statistics
- SCI**
 - Two approved Carolina Core SCI courses, including at least one laboratory, selected from Astronomy, Biology, Chemistry, Environmental Science, Geology, Marine Science or Physics

**GFL**

- College of HRSM students must demonstrate proficiency in a foreign language by achieving a score of 2 or higher on the foreign language placement test or by completing one foreign language course through 110 or 121. See list of approved Carolina Core GFL courses.

**CMS**

- SPCH 140 - Public Communication

<p>2. College of HRSM Required Courses (21 credit hours)</p> <hr/> <p>Pre-Professional Division College Required Courses (9 hours)</p> <hr/> <ul style="list-style-type: none"> • RETL 261 - Functional Accounting I • RETL 262 - Functional Accounting II • SPTE 274 - Computer Applications in Sport and Entertainment Management <p>College Required Course (12 hours)</p> <hr/> <ul style="list-style-type: none"> • SPTE 240 - Business Law • ITEC 242 - Business Communications • ENGL 463 - Business Writing • HRSM 301 - HRSM Professional Development Seminar • HRTM 344 - Personnel Organization and Supervision <p>3. Related Coursework (12 credit hours)</p> <hr/> <p>Pre-Professional Related Coursework (9 credit hours)</p> <hr/> <ul style="list-style-type: none"> • ECON 224 - Introduction to Economics • MGMT 371 - Principles of Management • MKTG 350 - Principles of Marketing <p>Other Related Coursework (3 credit hours)</p> <hr/>	<p>2. College of HRSM Required Courses (21 credit hours)</p> <hr/> <p>Pre-Professional Division College Required Courses (9 hours)</p> <hr/> <ul style="list-style-type: none"> • RETL 261 - Functional Accounting I • RETL 262 - Functional Accounting II • SPTE 274 - Computer Applications in Sport and Entertainment Management <p>College Required Course (12 hours)</p> <hr/> <ul style="list-style-type: none"> • SPTE 240 - Business Law • ITEC 242 - Business Communications OR ENGL 463 - Business Writing • HRSM 301 - HRSM Professional Development Seminar • HRTM 344 - Personnel Organization and Supervision <p>3. Related Coursework (12 credit hours)</p> <hr/> <p>Pre-Professional Related Coursework (9 hours)</p> <hr/> <ul style="list-style-type: none"> • ECON 224 - Introduction to Economics • MGMT 371 - Principles of Management • MKTG 350 - Principles of Marketing <p>Other Related Coursework (3 hours)</p> <hr/> <ul style="list-style-type: none"> • FINA 333 – Finance and Markets OR FINA 363 - Introduction to Finance
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<ul style="list-style-type: none"> FINA 363 - Introduction to Finance 	
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<p>4. Major Area Coursework (36 credit hours)</p> <hr/> <p>Pre-Professional Division Major Courses (12 credit hours)</p> <hr/> <ul style="list-style-type: none"> SPE 201 - Introduction to Sport Management SPE 295 - Practicum * SPE Elective** <p><i>* SPE 295 Practicum is the final course taken in the Pre-Professional Division required hours. Students must achieve the required 2.75 GPA prior to enrolling in SPE 295.</i></p> <p>Professional Division Major Courses (24 credit hours)</p> <hr/> <ul style="list-style-type: none"> SPE 380 - Sport and Entertainment Marketing SPE 440 - Sport and Entertainment Business and Finance SPE 444 - Sport and Entertainment Event Management SPE 495 - Internship in Sport and Entertainment Management 3 SPE Electives** 	<p>4. Major Area Coursework (42 credit hours)</p> <hr/> <p>Pre-Professional Division Major Courses (15 hours)</p> <ul style="list-style-type: none"> SPE 201 - Introduction to Sport Management SPE 202 - Introduction to Live Entertainment Management SPE 203 - Introduction to Event and Venue Management SPE 295 - Practicum * <p><i>* SPE 295 Practicum is the final course taken in the Pre-Professional Division required hours. Students must achieve the required 2.75 GPA prior to enrolling in SPE 295.</i></p> <p>Professional Division Major Courses (27 hours)</p> <hr/> <ul style="list-style-type: none"> SPE 380 - Sport and Entertainment Marketing SPE 440 - Sport and Entertainment Business and Finance SPE 444 - Sport and Entertainment Event Management SPE 495 - Internship in Sport and Entertainment Management 4 SPE Electives**
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<p>5. Free Electives (15-27 Hours)</p> <hr/> <p>The SPE curriculum includes 15-27 hours of electives depending on how students fulfill the Carolina Core requirements. Courses used to satisfy the elective requirement must be approved by the SPE advisor (including additional electives in the major).</p> <p>**Major Electives which may be used as Free Electives include the following courses with advisor's consent:</p> <hr/> <ul style="list-style-type: none"> SPE 110 - Sport and Entertainment in American Life 	<p>5. Free Electives (2-14 credit hours)</p> <hr/> <p>The SPE curriculum includes 2-14 hours of electives depending on how students fulfill the Carolina Core requirements. Courses used to satisfy the elective requirement must be approved by the SPE advisor (including additional electives in the major).</p> <p>**Major Electives which may be used as Free Electives include the following courses with advisor's consent:</p> <hr/> <ul style="list-style-type: none"> SPE 110 - Sport and Entertainment in American Life
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<ul style="list-style-type: none"> • SPTE 202 - Introduction to Live Entertainment Management • SPTE 203 - Introduction to Event and Venue Management • SPTE 302 - Artist Representation and Management • SPTE 303 - Live Entertainment Tour Management • SPTE 305 - The Business of NASCAR • SPTE 310 - Collegiate Athletics • SPTE 315 - NCAA Compliance • SPTE 320 - Sport and the Law • SPTE 325 - Resort and Club Recreation Programming • SPTE 340 - The Sporting Goods Industry. • SPTE 342 - Sport and Entertainment Contracts and Negotiations • SPTE 376 - Risk Management in Sport and Entertainment • SPTE 385 - Ethics in Sport and Entertainment Business • SPTE 399 - Independent Study • SPTE 402 - Entertainment and the Law • SPTE 404 - Promoting Entertainment Events • SPTE 430 - Sport and Entertainment Services Marketing • SPTE 435 - Spectator Facilities Management • SPTE 450 - Sales in Sport and Entertainment Business • SPTE 490 - Special Topics in Sport and Entertainment Management • SPTE 498 - Research Experience • SPTE 499 - Senior Thesis • SPTE 501 - Trends and Issues in Sport and Entertainment Management • SPTE 545 - Managing Part-Time Employees and Volunteers • SPTE 570 - Special Topics in Global Sport • SPTE 580 - Business Principles in Sport Management. • SPTE 590 - Special Topics in Live Entertainment and Sport. • SPTE 635 - Sport and Entertainment Event Development • SPTE 650 - Integrated Marketing Communication in Sport and Entertainment 	<ul style="list-style-type: none"> • SPTE 302 - Artist Representation and Management • SPTE 303 - Live Entertainment Tour Management • SPTE 305 - The Business of NASCAR • SPTE 310 - Collegiate Athletics • SPTE 315 - NCAA Compliance • SPTE 320 - Sport and the Law • SPTE 325 - Resort and Club Recreation Programming • SPTE 340 - The Sporting Goods Industry. • SPTE 342 - Sport and Entertainment Contracts and Negotiations • SPTE 376 - Risk Management in Sport and Entertainment • SPTE 385 - Ethics in Sport and Entertainment Business • SPTE 399 - Independent Study • SPTE 402 - Entertainment and the Law • SPTE 404 - Promoting Entertainment Events • SPTE 410 - Sport and Entertainment in Popular Culture • SPTE 430 - Sport and Entertainment Services Marketing • SPTE 435 - Spectator Facilities Management • SPTE 450 - Sales in Sport and Entertainment Business • SPTE 490 - Special Topics in Sport and Entertainment Management • SPTE 498 - Research Experience • SPTE 499 - Senior Thesis • SPTE 501 - Trends and Issues in Sport and Entertainment Management • SPTE 545 - Managing Part-Time Employees and Volunteers • SPTE 570 - Special Topics in Global Sport • SPTE 580 - Business Principles in Sport Management. • SPTE 590 - Special Topics in Live Entertainment and Sport. • SPTE 635 - Sport and Entertainment Event Development • SPTE 650 - Integrated Marketing Communication in Sport and Entertainment
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Existing Cognate and Minor Requirements:

Minor Requirements for Sport and Entertainment Management

Sport and Entertainment Management majors may pursue a minor in any course of study offered by the College of Hospitality, Retail and Sport Management (HRSM) as well as any other University program with an approved minor. College of HRSM required courses may not be counted toward a minor.

<p>B.S. with Distinction</p> <hr/> <p>The Departmental Undergraduate Research Track is available to students majoring in sport and entertainment management who wish to participate in significant research activities of the major field in collaboration with, or under the supervision of, a faculty mentor.</p> <p>Prerequisites:</p> <hr/> <p>A minimum GPA of 3.50 in major courses, 3.30 overall</p> <p>Three courses in addition to the major requirements:</p> <hr/> <ul style="list-style-type: none"> • SPTE 580 - Business Principles in Sport Management. • SPTE 498 - Research Experience • SPTE 499 - Senior Thesis <p>Additional Requirements</p> <hr/> <p>Presentation of the senior thesis in an appropriate venue (SEVT, USC Discovery Day, IAVM research session, NASSM, CSRI).</p> <p>A written sponsorship agreement from the faculty mentor will be placed on file in the department office.</p> <p>Students who successfully fulfill these requirements with a GPA of at least 3.50 in all major courses and a 3.30 overall GPA will be awarded their degree "With Distinction in Sport and Entertainment Management" upon graduation.</p>	<p>6. Optional Concentrations:</p> <hr/> <p>Sport and Entertainment Management majors may pursue a concentration in one of three areas: sport management, entertainment management, or venue and event management. The concentration can be completed using a combination of SPTE elective and free elective credit hours. Requirements for the concentrations are:</p> <hr/> <p>Concentration in sport management:</p> <hr/> <ul style="list-style-type: none"> • SPTE 310 – Collegiate Athletics • SPTE 320 – Sport and the Law • SPTE 450 – Sales in Sport and Entertainment Business • SPTE 580 – Business Principles in Sport Management <hr/> <p>Concentration in entertainment management:</p> <hr/> <ul style="list-style-type: none"> • SPTE 302 – Artist Representation and Management • SPTE 303 – Live Entertainment Tour Management • SPTE 402 – Entertainment and the Law • SPTE 590 - Special Topics in Live Entertainment and Sport <hr/> <p>Concentration in venue and event management:</p> <hr/> <ul style="list-style-type: none"> • SPTE 325 – Resort and Club Recreation Programming • SPTE 342 – Sport and Entertainment Contracts and Negotiations • SPTE 435 – Spectator Facilities Management • SPTE 545 – Managing Part-time Employees and Volunteers
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	<p>B.S. with Distinction</p> <hr/> <p>The Departmental Undergraduate Research Track is available to students majoring in sport and entertainment management who wish to participate in significant research activities of the major field in collaboration with, or under the supervision of, a faculty mentor.</p> <p>Prerequisites:</p> <hr/> <p>A minimum GPA of 3.50 in major courses, 3.30 overall</p> <p>Three courses in addition to the major requirements:</p> <hr/> <ul style="list-style-type: none"> • SPTE 498 - Research Experience • SPTE 499 - Senior Thesis • SPTE 501 - Trends and Issues in Sport and Entertainment Management <p>Additional Requirements</p> <hr/> <p>Presentation of the senior thesis in an appropriate venue (e.g. SEVT, USC Discovery Day, IAVM research session, NASSM, CSRI).</p> <hr/> <p>Presentation of the senior thesis in an appropriate venue (e.g. SEVT, USC Discovery Day, IAVM research session, NASSM, CSRI).</p> <hr/> <p>A written sponsorship agreement from the faculty mentor will be placed on file in the department office.</p> <hr/> <p>Students who successfully fulfill these requirements with a GPA of at least 3.50 in all major courses and a 3.30 overall GPA will be awarded their degree "With Distinction in Sport and Entertainment Management" upon graduation.</p>
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6. COLLEGE OF INFORMATION AND COMMUNICATIONS

A. Department of Journalism and Mass Communications

Change in curriculum – Mass Communications, B.A.J.M.C.

New Language or proposed change to Bulletin

The challenge of 21st-century communications is to combine the information-gathering function—research and data bases—with the disciplines of disseminating information—journalism, advertising, public relations, visual communications, and mass communications.

The college's School of Journalism and Mass Communications is professionally oriented and grounded strongly in the liberal arts. It offers instruction at the undergraduate and graduate levels. Course work is offered in electronic and print journalism, advertising, public relations, visual communications, and mass communications to train students in both the processes and effects of mass communication.

<http://bulletin.sc.edu/content.php?catoid=73&navoid=8078>

<p>Existing College/School Gen Ed or Departmental Requirements:</p>	
<p>Additional Required Courses for Journalism (Mass Communications Major), with four pathways and an option for <i>Leadership Distinction</i>. (39 Hours)</p>	
<p>1. Journalism and Mass Communications Core Courses (9 Hours)</p>	
<ul style="list-style-type: none"> • JOUR 101 - Media and Society 	
<ul style="list-style-type: none"> • JOUR 291 - Writing for Mass Communications 	
<ul style="list-style-type: none"> • JOUR 303 - Law and Ethics of Mass Communications 	
<ul style="list-style-type: none"> • JOUR 201 - Principles of Public Relations • JOUR 202 - Principles of Advertising and Brand Communications • JOUR 203 - Principles of Visual Communications • JOUR 204 - Principles of Journalism <p>3. Three required courses from among the following: (9 hours)</p> <ul style="list-style-type: none"> • JOUR 205 - History and Philosophy of the Mass Media • JOUR 306 - Theories of Mass Communications • JOUR 501 - Freedom, Responsibility, and Ethics of the Mass Media • JOUR 506 - Mass Media Criticism • JOUR 542 - Public Opinion and Persuasion <p>4. SJMC electives of the students' choice –At least 3 hours and no more than 6 hours must be from skills courses (12 hours)</p> <p>5. Choose one of the University's Leadership with Distinction pathways: Global Learning, Research, Civic Engagement, or Community Service</p> <p>Courses listed under each pathway are examples that address the pathway's learning outcomes. Except for the</p>	<p>-</p> <p>A. Global Learning (6 hours)</p> <ul style="list-style-type: none"> • Jour 541 - International Mass Communications (<i>required</i>) • One approved SJMC international elective <p>or</p> <p>B. Research (6 hours)</p> <ul style="list-style-type: none"> • Jour 332 - Mass Communications Research (<i>required</i>) • One approved SJMC research elective <p>or</p> <p>C. Civic Engagement (6 hours)</p> <ul style="list-style-type: none"> • Two approved SJMC civic engagement electives <p>or</p> <p>D. Community Service (6 hours)</p> <ul style="list-style-type: none"> • Two approved SJMC service learning or community engagement electives <p>Capstone portfolio course (3 hours)</p>

<p>required courses identified, other relevant courses that address the pathway outcomes may be substituted per approval of advisor.</p> <p>A. Global Learning (6 hours)</p> <ul style="list-style-type: none"> • Jour 541 - International Mass Communications (<i>required</i>) <p>Chose one of the following:</p> <ul style="list-style-type: none"> • Independent Study, Special Topics, Internship that deals with global learning • Study abroad with at least one course in media studies or approved independent study • Jour 499 - Service Learning in Malawi, Africa • Jour 499 - Multimedia Maymester Munich, Germany <p>or</p> <p>B. Research (6 hours)</p> <ul style="list-style-type: none"> • Jour 332 - Mass Communications Research (<i>required</i>) <p>Chose one of the following:</p> <ul style="list-style-type: none"> • Independent Study, Special Topics, Internship that deals with a research topic • Jour 220 - Account Planning: Mining Insights • Jour 475 - Applications of Telecommunications Research • Jour 565 - Advanced Media Analysis • Jour 574 - Computer-Assisted Reporting <p>or</p> <p>C. Civic Engagement (6 hours)</p> <ul style="list-style-type: none"> • Independent Study, Special Topics, Internship on Civic Engagement topic • Jour 333 - Public Relations for Nonprofit Organizations 	<ul style="list-style-type: none"> • Jour 560 - Capstone Portfolio (<i>required</i>), or senior capstone course approved by advisor.
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<ul style="list-style-type: none"> • Jour 316/L – Toolkit for Brand Communications • Jour 524 - Advertising Management • Jour 536 - Crisis Communications • Jour 537 - The Carolina Agency • Jour 539 - Ethics of PR and Public Policy • Jour 542 - Public Opinion and Persuasion <p>or</p> <p>D. Community Service (6 hours)</p> <ul style="list-style-type: none"> • Independent Study, Special Topics, Internship that deals with a service learning or community engagement topic • Jour 333 - Public Relations for Nonprofit Organizations • Jour 499 - Service Learning in Malawi, Africa • Jour 537 - The Carolina Agency • Jour 539 - Ethics of PR and Public Policy • Jour 542 - Public Opinion and Persuasion <p>6. Capstone portfolio course (3 hours)</p> <ul style="list-style-type: none"> • Jour 560 - Capstone Portfolio (<i>required</i>), or <i>senior capstone course approved by advisor.</i> 	
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<p>Other Program Requirements:</p> <p>Additional requirements for LEADERSHIP DISTINCTION ¹</p> <p>Additional requirements for LEADERSHIP DISTINCTION ²</p> <p>Additional requirements for LEADERSHIP DISTINCTION ³</p> <p>Additional requirements for LEADERSHIP DISTINCTION ⁴</p> <p>Additional requirements for LEADERSHIP DISTINCTION for all pathways ⁵</p> <p>Additional requirements for those seeking the</p>	<p>Additional requirements for those seeking the Leadership Distinction designation</p> <p>The major in Mass Communications aligns with Graduation with Leadership Distinction. All students pursuing the Leadership Distinction designation will be assigned a faculty mentor from the Mass Communications sequence with whom they will be required to meet at least once per semester during their academic career. Further information on Graduation with Leadership Distinction can be obtained through the Office of USC Connect.</p>
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<p>Leadership Distinction designation</p> <p>1. For Global Learning with Leadership Distinction designation, these electives must fulfill at least one semester of overseas study or equivalent in multiple experiences. Some domestic study away from USC campus can count</p> <p>2. For Research with Leadership Distinction designation, these electives or other course work must demonstrate student participation in a minimum of 2 semesters in an extensive research/discovery project defined by the discipline.</p> <p>3. For Civic Engagement with Leadership Distinction designation, these electives or other course work must include at least 1 semester in an approved leadership experience (e. g., officer, ambassador, peer leader, project leader and one of the following:</p> <ul style="list-style-type: none"> - 240 hours supervised work, professional experience - 2 additional semesters in approved leadership experience - 120 hours of work/professional experience and 1 additional semester in a leadership role. <p>4. For Community Service with Leadership Distinction designation, these electives or other course work must demonstrate student participation in at least 300 hours of community service from at least 2 different programs/experiences.</p> <p>5. For all students pursuing the Leadership Distinction designation, the portfolio must:</p> <p>(a) demonstrate at least three out-of-class experiences such as the following: attendance at lectures, workshops, conferences, membership and participation in a student/professional organization, professional or community service activity, job shadowing or the creation or innovation of an event/performance related to their focus.</p> <p>(b) demonstrate at least one presentation at Discovery Day or at a professional or academic meeting or publication in a professional or academic publication.</p> <p>6. All students pursuing the Leadership Distinction designation will be assigned a faculty mentor from the Mass Communications sequence with whom they will be required to meet at least once per semester during their academic career.</p>	
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**B. Department of Library and Information Science
Change to Major/Degree Program – BSIS Program**

<u>Existing</u>	<u>Proposed</u>
<p data-bbox="188 268 459 300">Learning Outcomes</p> <hr/> <ul data-bbox="188 415 821 1031" style="list-style-type: none"> • 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 knowledge of the tenets of information literacy. • 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. 	<p data-bbox="850 268 1068 300">Learning Outcomes</p> <hr/> <ul data-bbox="850 415 1435 932" style="list-style-type: none"> • Students will describe the techniques and principles for creating, storing, organizing, transforming, and communicating information to various information seekers. • Students will demonstrate knowledge of the tenets of information literacy. • 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. • Students will demonstrate practical skills of information science and the use of information systems.
<p data-bbox="188 1150 354 1182">Curriculum</p> <hr/>	<p data-bbox="850 1115 1016 1146">Curriculum</p> <hr/>
<p data-bbox="188 1297 792 1367">See School of Library and Information Science for admission and progression requirements.</p>	<p data-bbox="850 1262 1386 1318">See School of Library and Information Science for admission and progression requirements.</p>
<p data-bbox="188 1409 724 1440">Degree Requirements (121 hours)</p> <hr/>	<p data-bbox="850 1367 1377 1398">Degree Requirements (121 hours)</p> <hr/>
<ol data-bbox="188 1562 805 1885" style="list-style-type: none"> 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 	<ul data-bbox="850 1514 1419 1814" style="list-style-type: none"> • Carolina Core Requirements (31-43 hours) • Other General Education Requirements (36 hours) • Major Requirements (36 hours) • Minor or Additional Approved Electives (18 hours) <p data-bbox="850 1860 1393 1892">Carolina Core Requirements (31-43</p>

<p>(18 hours)</p> <p>Carolina Core Requirements (31-43 hours)</p> <hr/> <p>CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours)</p> <hr/> <ul style="list-style-type: none"> ENGL 101 - Critical Reading and Composition (grade of C or better) <p>and</p> <ul style="list-style-type: none"> ENGL 102 - Rhetoric and Composition (grade of C or better) <p>ARP: Analytical Reasoning and Problem-Solving (6-7 hours)</p> <hr/> <ul style="list-style-type: none"> STAT 201 - Elementary Statistics <p>and</p> <ul style="list-style-type: none"> MATH 122 - Calculus for Business Administration and Social Sciences <p>or</p> <ul style="list-style-type: none"> MATH 141 - Calculus I <p>SCI: Scientific Literacy (7-8 hours)</p> <hr/> <ul style="list-style-type: none"> Two approved Carolina Core SCI courses including one laboratory course 	<p>hours)</p> <hr/> <p>CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours)</p> <hr/> <ul style="list-style-type: none"> ENGL 101 - Critical Reading and Composition (grade of C or better) <p>and</p> <ul style="list-style-type: none"> ENGL 102 - Rhetoric and Composition (grade of C or better) <p>ARP: Analytical Reasoning and Problem-Solving (6-7 hours)</p> <hr/> <ul style="list-style-type: none"> STAT 201 - Elementary Statistics <p>and</p> <ul style="list-style-type: none"> MATH 122 - Calculus for Business Administration and Social Sciences <p>or</p> <ul style="list-style-type: none"> MATH 141 - Calculus I <p>SCI: Scientific Literacy (7-8 hours)</p> <hr/> <ul style="list-style-type: none"> Two approved Carolina Core SCI courses including one laboratory course <p>GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours, depending on placement test)</p> <hr/> <ul style="list-style-type: none"> Any approved Carolina Core course(s) for
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<p>GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-6 hours, depending on placement test)</p> <hr/>	<p>GFL or score of two or better on foreign language placement test.</p> <p>GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)</p> <hr/>
<ul style="list-style-type: none"> Any approved Carolina Core course(s) for GFL or score of two or better on foreign language placement test. <p>GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours)</p> <hr/>	<ul style="list-style-type: none"> Any approved Carolina Core GHS course. <p>GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)</p> <hr/>
<ul style="list-style-type: none"> Any approved Carolina Core GHS course. <p>GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours)</p> <hr/>	<ul style="list-style-type: none"> Any approved Carolina Core GSS course. <p>AIU: Aesthetic and Interpretive Understanding (3 hours)</p> <hr/>
<ul style="list-style-type: none"> Any approved Carolina Core GSS course. <p>AIU: Aesthetic and Interpretive Understanding (3 hours)</p> <hr/>	<ul style="list-style-type: none"> Any approved Carolina Core AIU course. <p>CMS: Effective, Engaged, and Persuasive Communication (0-3 hours*)</p> <hr/>
<ul style="list-style-type: none"> Any approved Carolina Core AIU course. <p>CMS: Effective, Engaged, and Persuasive Communication (0-3 hours*)</p> <hr/>	<ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core CMS course. SLIS recommends SAEL 200 <p>INF: Information Literacy (0-3 hours*)</p> <hr/>
<ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core CMS course. <p>INF: Information Literacy (0-3 hours*)</p> <hr/>	<ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core INF course, with the exception of SLIS 202. SLIS recommends ENGL 102 <p>VSR: Values, Ethics, and Social Responsibility (0-3 hours*)</p> <hr/>
<ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core INF course, with the exception of 	<ul style="list-style-type: none"> Any approved overlay or stand-alone

<p>SLIS 202.</p> <p>VSR: Values, Ethics, and Social Responsibility (0-3 hours*)</p> <hr/> <ul style="list-style-type: none"> Any approved overlay or stand-alone Carolina Core VSR course. <p>* The combined CMS, INF, and VSR requirements must include at least three hours not being used to satisfy Carolina Core requirements outside those three areas.</p> <p>Other General Education Requirements (36 hours)</p> <hr/> <ul style="list-style-type: none"> 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 <p>or</p> <ul style="list-style-type: none"> ENGL 462 - Technical Writing 	<p>Carolina Core VSR course.</p> <ul style="list-style-type: none"> SLIS recommends SAEL 200 <p>* The combined CMS, INF, and VSR requirements must include at least three hours not being used to satisfy Carolina Core requirements outside those three areas.</p> <p>Other General Education Requirements (36 hours)</p> <hr/> <ul style="list-style-type: none"> 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 <p>or</p> <ul style="list-style-type: none"> ENGL 463 - Business Writing JOUR 101 - Media and Society MART 210 – Digital Media Arts Fundamentals
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<p>or</p> <ul style="list-style-type: none"> • ENGL 463 - Business Writing • ITEC 264 - Computer Applications in Business I • JOUR 101 - Media and Society • LING 300 - Introduction to Language Sciences • MKTG 350 - Principles of Marketing • SPCH 140 - Public Communication ** <p>or</p> <ul style="list-style-type: none"> • SPCH 260 - Argumentation and Debate <p>** SPCH 140 may not be selected if it was used to satisfy the CMS requirement in the Carolina Core.</p> <p>B.S. in Information Science Degree Courses (36 hours)</p>	<ul style="list-style-type: none"> • LING 300 - Introduction to Language Sciences • MKTG 350 - Principles of Marketing • SPCH 140 - Public Communication ** <p>or</p> <ul style="list-style-type: none"> • SPCH 260 - Argumentation and Debate <p>** SPCH 140 may not be selected if it was used to satisfy the CMS requirement in the Carolina Core.</p> <p>B.S. in Information Science Degree Courses (36 hours)</p> <hr/> <p>Required Courses (21 hours)</p> <hr/> <p>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):</p> <ul style="list-style-type: none"> • 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
<p>Required Courses (12 hours)</p> <hr/> <p>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):</p> <ul style="list-style-type: none"> • SLIS 201 - Introduction to Information Science • SLIS 202 - Introduction to Information Literacy and Technology 	<p>or</p>

<ul style="list-style-type: none"> • SLIS 301 - Information Storage and Retrieval • SLIS 402 - Introduction to Management Within Information Environments <p>Related Required Courses (12 hours)</p> <hr/>	<ul style="list-style-type: none"> • SLIS 450 – Information Literacy in Cultural Heritage Institutions • SLIS 494 - Independent Study in Information Science <p>or</p> <ul style="list-style-type: none"> • SLIS 496 - Internship in Information Science
<ul style="list-style-type: none"> • CSCE 204 - Program Design and Development • ITEC 343 - Introduction to Computer Hardware and Software Support • ITEC 348 - Applications for Technical Support • ITEC 362 - Web-Based Support Systems <p>Additional Elective Information Science Courses (12 hours required)</p> <hr/>	<p>Related Required Courses (9 hours)</p> <hr/> <ul style="list-style-type: none"> • CSCE 204 - Program Design and Development • ITEC 265 - Computer Applications in Business II • ITEC 362 - Web-Based Support Systems
<ul style="list-style-type: none"> • SLIS 310 - Research Methods in Information Science • SLIS 315 - Information Policy • SLIS 410 - Knowledge Management • SLIS 420 - Communication and Information Transfer • SLIS 430 - User-Centered Information Architecture • SLIS 435 - Digital Information Infrastructure • SLIS 440 - Competitive Intelligence • SLIS 480 - Emerging Topics in 	<p>Additional Elective Information Science Courses (6 hours required)</p> <hr/> <ul style="list-style-type: none"> • SLIS 310 - Research Methods in Information Science • SLIS 315 - Information Policy • SLIS 410 - Knowledge Management • SLIS 420 - Communication and Information Transfer • SLIS 430 - User-Centered Information Architecture

<p>Information Science</p> <ul style="list-style-type: none"> • SLIS 494 - Independent Study in Information Science • SLIS 496 - Internship in Information Science <p>Additional Elective Courses or Minor (18 hours)</p> <hr/> <p>A student majoring in information science has the option of completing a specified minor sequence of prescribed 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.</p> <p>SLIS Complementary Programs</p> <hr/> <p>A B.S.I.S. student may take one of the predesigned complementary programs</p>	<ul style="list-style-type: none"> • SLIS 435 - Digital Information Infrastructure • SLIS 440 - Competitive Intelligence • SLIS 450 – Information Literacy in Cultural Heritage Institutions • SLIS 480 - Emerging Topics in Information Science • SLIS 494 - Independent Study in Information Science • SLIS 496 - Internship in Information Science <p>Additional Elective Courses or Minor (18 hours)</p> <hr/> <p>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.</p>
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established with the integrated information technology (TSTM) program in the College of Hotel, Retail, and Sports Management; the visual arts program in the College of Arts and Sciences; or the public relations or visual communications majors in the School of Journalism and Mass Communications. At a minimum, the 18 hours of SLIS courses, as described below, satisfy the complementary program requirement.

Integrated Information Technology Courses

- ITEC 345 - Introduction to Networking
- ITEC 352 - Software Design
- ITEC 444 - Corporate Training and Development
- ITEC 445 - Advanced Networking
- ITEC 545 - Telecommunications
- ITEC 562 - Advanced Web Support Systems

Visual Communications Courses

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

SLIS Complementary Programs

A B.S.I.S. student may take one of the predesigned complementary programs established with the integrated information technology (TSTM) 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 School of Journalism and Mass 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 – 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 347 - Photovisual Communications I: Photography
- JOUR 346 - Graphics for Visual Communications
- JOUR 446 - Informational Graphics
- JOUR 447 - Photovisual Communications II: Advanced Photography

<ul style="list-style-type: none"> • JOUR 560 - Capstone Portfolio Development <p>Public Relations Courses</p> <hr/> <ul style="list-style-type: none"> • JOUR 101 - Media and Society • JOUR 303 - Law and Ethics of Mass Communications • JOUR 201 - Principles of Public Relations • JOUR 499 - Special Topics • JOUR 542 - Public Opinion and Persuasion • JOUR 538 - The Bateman Team <p>Media Arts Courses</p> <hr/> <ul style="list-style-type: none"> • MART 210 - Digital Media Arts Fundamentals • MART 321 - Media Writing • MART 380 - New Media Art 	<ul style="list-style-type: none"> • JOUR 560 - Capstone Portfolio Development <p>Public Relations Courses</p> <hr/> <ul style="list-style-type: none"> • JOUR 303 - Law and Ethics of Mass Communications • JOUR 201 - Principles of Public Relations • JOUR 499 - Special Topics • JOUR 542 - Public Opinion and Persuasion • JOUR 538 - The Bateman Team <p>Media Arts Courses</p> <hr/> <ul style="list-style-type: none"> • MART 210 - Digital Media Arts Fundamentals • MART 321 - Media Writing • MART 380 - New Media Art
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7. SCHOOL OF MUSIC

Change in curriculum – Change to Music Education - Choral Emphasis

<p><u>Existing</u></p> <p>Choral Emphasis</p> <p>2. Music Requirements (49 Hours)</p> <p>Applied music (primary instrument) (14 Hours)</p>	<p><u>Proposed</u></p> <p>Choral Emphasis</p> <p>2. Music Requirements (49 Hours)</p> <p>Applied music (primary instrument) (14 Hours)</p>
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<p>(1 Hour)</p> <ul style="list-style-type: none"> • MUSC 100 - Recital Class • MUSC 100A - Music Advocacy I: Understanding the Power of Your Music • MUSC 100L - Recital Class Laboratory <p>(16 hours)</p> <ul style="list-style-type: none"> • MUSC 116 - Music Theory II • MUSC 117 - Aural Skills I • MUSC 118 - Aural Skills II • MUSC 215 - Music Theory III • MUSC 216 - Music Theory IV • MUSC 217 - Aural Skills III • MUSC 218 - Aural Skills IV <p>(6 Hours)</p> <ul style="list-style-type: none"> • MUSC 353 - History of Western Music I • MUSC 354 - History of Western Music II • MUSC 455 - History of Western Music III <p>(4 hours)</p> <ul style="list-style-type: none"> • MUSC 333 - Basic Choral and Instrumental Conducting • MUSC 335 - Choral Conducting <p>Ensembles (8 Hours)</p> <p>3. Music Education Requirements (23 Hours)</p> <p>Courses required for choral emphasis</p> <p>Applied music (secondary instrument) (8 Hours)</p>	<p>(1 Hour)</p> <ul style="list-style-type: none"> • MUSC 100 - Recital Class • MUSC 100A - Music Advocacy I: Understanding the Power of Your Music • MUSC 100L - Recital Class Laboratory <p>(16 hours)</p> <ul style="list-style-type: none"> • MUSC 116 - Music Theory II • MUSC 117 - Aural Skills I • MUSC 118 - Aural Skills II • MUSC 215 - Music Theory III • MUSC 216 - Music Theory IV • MUSC 217 - Aural Skills III • MUSC 218 - Aural Skills IV <p>(6 Hours)</p> <ul style="list-style-type: none"> • MUSC 353 - History of Western Music I • MUSC 354 - History of Western Music II • MUSC 455 - History of Western Music III <p>(4 hours)</p> <ul style="list-style-type: none"> • MUSC 333 - Basic Choral and Instrumental Conducting • MUSC 335 - Choral Conducting <p>Ensembles (8 Hours)</p> <p>3. Music Education Requirements (23 Hours)</p> <p>Courses required for choral emphasis</p> <p>Applied music (secondary instrument) (8 Hours)</p>
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<p>(4 Hours)</p> <ul style="list-style-type: none"> • MUSC 278 - Introduction to Singer's Diction • MUSC 577 - Vocal Pedagogy <p>(3 Hours)</p> <ul style="list-style-type: none"> • MUED 107 - Classroom Instruments • MUED 359 - Instrumental Techniques for Choral Majors <p>(8 Hours)</p> <ul style="list-style-type: none"> • MUED 335L - Choral Literature Lab II • MUED 465 - General Music in Elementary Schools • MUED 465P - Practicum in Elementary Music • MUED 467 - Choral Methods and Materials • MUED 467P - Practicum in Choral Music <p>4. Professional Education Requirements (22 hours)</p> <p>(10 Hours)</p> <ul style="list-style-type: none"> • MUED 200 - Music Education Practicum • EDFI 300 - Schools In Communities • EDPY 401 - Learners and the Diversity of Learning • EDTE 201 - Issues and Trends in Teaching and Learning <p>Directed Teaching (12 Hours)</p>	<p>(4 Hours)</p> <ul style="list-style-type: none"> • MUSC 278 - Introduction to Singer's Diction • MUSC 577 - Vocal Pedagogy <p>(3 Hours)</p> <ul style="list-style-type: none"> • MUED 107 - Classroom Instruments • MUED 359 - Instrumental Techniques for Choral Majors <p>(8 Hours)</p> <ul style="list-style-type: none"> • MUED 335L - Choral Literature Lab II • MUED 465 - General Music in Elementary Schools • MUED 465P - Practicum in Elementary Music • MUED 467 - Choral Methods and Materials • MUED 467P - Practicum in Choral Music <p>4. Professional Education Requirements (22 hours)</p> <p>(10 Hours)</p> <ul style="list-style-type: none"> • MUED 200 - Music Education Practicum • EDPY 401 - Learners and the Diversity of Learning • EDTE 201 - Issues and Trends in Teaching and Learning <p><u>one course from:</u></p> <ul style="list-style-type: none"> • <u>EDRD 500 - Content Area Literacy Pk-12 (3cr.)</u> • <u>EDEX 581 – Teaching Reading in the Content Areas to Adolescents with Reading Disabilities (3cr.)</u>
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MUED 477 - Directed Teaching (Music)	<p>Directed Teaching (12 Hours)</p> <p>MUED 477 - Directed Teaching (Music)</p>
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Change in curriculum – Change to Music Education - Instrumental Emphasis

<u>Existing</u>	<u>Proposed</u>
<p>Instrumental Emphasis</p> <p>2. Music Requirements (49 Hours)</p> <p>Applied music (primary instrument) (14 Hours)</p> <p>(1 Hour)</p> <ul style="list-style-type: none"> • MUSC 100 - Recital Class • MUSC 100L - Recital Class Laboratory • MUSC 100A - Music Advocacy I: Understanding the Power of Your Music <p>(16 Hours)</p> <ul style="list-style-type: none"> • MUSC 116 - Music Theory II • MUSC 117 - Aural Skills I • MUSC 118 - Aural Skills II • MUSC 215 - Music Theory III • MUSC 216 - Music Theory IV • MUSC 217 - Aural Skills III • MUSC 218 - Aural Skills IV <p>(6 Hours)</p> <ul style="list-style-type: none"> • MUSC 353 - History of Western Music I • MUSC 354 - History of Western Music II 	<p>Instrumental Emphasis</p> <p>2. Music Requirements (49 Hours)</p> <p>Applied music (primary instrument) (14 Hours)</p> <p>(1 Hour)</p> <ul style="list-style-type: none"> • MUSC 100 - Recital Class • MUSC 100L - Recital Class Laboratory • MUSC 100A - Music Advocacy I: Understanding the Power of Your Music <p>(16 Hours)</p> <ul style="list-style-type: none"> • MUSC 116 - Music Theory II • MUSC 117 - Aural Skills I • MUSC 118 - Aural Skills II • MUSC 215 - Music Theory III • MUSC 216 - Music Theory IV • MUSC 217 - Aural Skills III • MUSC 218 - Aural Skills IV <p>(6 Hours)</p> <ul style="list-style-type: none"> • MUSC 353 - History of Western Music I • MUSC 354 - History of Western Music II • MUSC 455 - History of Western Music III

<ul style="list-style-type: none"> • MUSC 455 - History of Western Music III <p>(4 Hours)</p> <ul style="list-style-type: none"> • MUSC 333 - Basic Choral and Instrumental Conducting • MUSC 334 - Instrumental Conducting <p>Ensembles (8 Hours)</p> <p>3. Music Education Requirements (23 Hours)</p> <p>Courses required for instrumental emphasis</p> <p>(4 Hours)</p> <ul style="list-style-type: none"> • MUED 155 - Group Piano • MUED 156 - Group Piano <p>(5 Hours)</p> <ul style="list-style-type: none"> • MUED 165 - Class Voice (Basic) • MUED 465 - General Music in Elementary Schools and • MUED 465P - Practicum in Elementary Music • or <p>String Majors (14 Hours)</p> <ul style="list-style-type: none"> • MUSC 101 - Secondary Applied Music • MUED 104 - Secondary Strings • MUED 360 - Percussion Techniques • MUED 551 - The Middle School Band • MUED 533 - Methods for String Instruction I • MUED 533P - Practicum in Methods for String Instruction I • MUED 534 - Methods of String Instruction II • MUED 534P - Practicum in Methods of String Instruction II 	<p>(4 Hours)</p> <ul style="list-style-type: none"> • MUSC 333 - Basic Choral and Instrumental Conducting • MUSC 334 - Instrumental Conducting <p>Ensembles (8 Hours)</p> <p>3. Music Education Requirements (23 Hours)</p> <p>Courses required for instrumental emphasis</p> <p>(4 Hours)</p> <ul style="list-style-type: none"> • MUED 155 - Group Piano • MUED 156 - Group Piano <p>(5 Hours)</p> <ul style="list-style-type: none"> • MUED 165 - Class Voice (Basic) • MUED 465 - General Music in Elementary Schools and • MUED 465P - Practicum in Elementary Music • or <p>String Majors (14 Hours)</p> <ul style="list-style-type: none"> • MUSC 101 - Secondary Applied Music • MUED 104 - Secondary Strings • MUED 360 - Percussion Techniques • MUED 551 - The Middle School Band • MUED 533 - Methods for String Instruction I • MUED 533P - Practicum in Methods for String Instruction I • MUED 534 - Methods of String Instruction II • MUED 534P - Practicum in Methods of String Instruction II
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<p>Wind Majors (14 Hours)</p> <ul style="list-style-type: none"> • MUED 105 - Secondary Woodwinds or MUED 106 - Secondary Brass • MUED 358 - Strings • MUED 360 - Percussion Techniques • MUED 551 - The Middle School Band • MUED 568 - Organization and Administration of Music Programs <p>Percussion Majors (14 Hours)</p> <ul style="list-style-type: none"> • MUED 105 - Secondary Woodwinds or MUED 106 - Secondary Brass • MUED 358 - Strings • MUED 360P - Percussion Practicum • MUED 552 - The High School Band • MUED 568 - Organization and Administration of Music Programs <p>4. Professional Education Requirements (22 Hours)</p> <p>(10 Hours)</p> <ul style="list-style-type: none"> • MUED 200 - Music Education Practicum • EDFI 300 - Schools In Communities • EDPY 401 - Learners and the Diversity of Learning • EDTE 201 - Issues and Trends in Teaching and Learning <p>Directed teaching (12 Hours)</p> <p>MUED 477 - Directed Teaching (Music)</p>	<p>Wind Majors (14 Hours)</p> <ul style="list-style-type: none"> • MUED 105 - Secondary Woodwinds or MUED 106 - Secondary Brass • MUED 358 - Strings • MUED 360 - Percussion Techniques • MUED 551 - The Middle School Band • MUED 568 - Organization and Administration of Music Programs <p>Percussion Majors (14 Hours)</p> <ul style="list-style-type: none"> • MUED 105 - Secondary Woodwinds or MUED 106 - Secondary Brass • MUED 358 - Strings • MUED 360P - Percussion Practicum • MUED 552 - The High School Band • MUED 568 - Organization and Administration of Music Programs <p>4. Professional Education Requirements (22 Hours)</p> <p>(10 Hours)</p> <ul style="list-style-type: none"> • MUED 200 - Music Education Practicum • EDPY 401 - Learners and the Diversity of Learning • EDTE 201 - Issues and Trends in Teaching and Learning <p><u>one course from:</u></p> <ul style="list-style-type: none"> • <u>EDRD 500 - Content Area Literacy Pk-12 (3cr.)</u> • <u>EDEX 581 – Teaching Reading in the Content Areas to Adolescents with Reading Disabilities (3cr.)</u> <p>Directed teaching (12 Hours)</p> <p>MUED 477 - Directed Teaching (Music)</p>
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8. SCHOOL OF NURSING

Change Prerequisite and Restrictions

FROM: NURS 428 Nursing Leadership and Management. (4)
 Prereq: NURS 412 for pre-licensure BSN students; NURS 250 for RN-BSN students

Restricted to: Nursing students

TO: NURS 428 Nursing Leadership and Management, (4)
 Co-req for pre-licensure BSN students only: NURS 435 Pre-requisite for RN-BSN students: NURS 250

Restricted to: Nursing Students in upper division or RN-BSN students

9. ARNOLD SCHOOL OF PUBLIC HEALTH

Delete the following Curriculum

Concentration – Health Fitness

Concentration – Motor Development

Concentration – Scientific Foundations

A. Department of Exercise Science

Change in curriculum – BS in Exercise Science

<u>Existing</u>	<u>Proposed</u>
<p>Learning Outcomes</p> <hr/> <ul style="list-style-type: none"> • Bachelors of Science students will describe the relationship among physical activity, functional capacity, health and disease across the life span. • Bachelors of Science students will demonstrate laboratory proficiency • Bachelors of Science students will demonstrate laboratory proficiency through written and practical evaluations. • Motor Development Bachelors of Science students will describe the development, analysis, and diagnosis of motor function and disabilities. • Motor Development Bachelors of Science students will describe the development of programs for physical/motor activity to enhance, improve, or recover motor function and coordination in all age groups. • Scientific Foundations Bachelors of Science students will describe the relationship between biological systems and the maintenance of internal homeostasis during movement. 	<p>Learning Outcomes</p> <ul style="list-style-type: none"> • Describe the relationship among behavior, physical activity, functional capacity and health and disease across the life span. • Explain the associations between anatomical structures, physiological and cellular mechanisms of exercise. • Apply scientific inquiry skills to understand research on exercise science and public health issues. • Conduct disease risk factor screening, physical fitness assessments and clinical exercise testing. • Analyze factors related to optimal motor skill function related to physical activity and exercise. • Demonstrate proficient reasoning and critical thinking including the ability to analyze, synthesize and evaluate information to make sound decisions and solve problems as they apply to exercise science and health.

CMW

2. Arnold School College Core Requirements

The following courses may fulfill some of the Carolina Core requirements (or some minors) and must be completed for a BS degree from the Arnold School of Public Health. A minimum grade of C in these courses is required. Potential overlap with the Carolina Core courses (pending approval of Carolina Core designation) is indicated in parentheses.

- MATH 122 - Calculus for Business Administration and Social Sciences or MATH 141 - Calculus I (ARP)
- STAT 201 - Elementary Statistics or STAT 205 - Elementary Statistics for the Biological and Life Sciences (ARP)
- ENGL 101 - Critical Reading and Composition and ENGL 102 - Rhetoric and Composition (CMW)
- PSYC 101 - Introduction to Psychology (GSS)
- SOCY 101 - Introductory Sociology (GSS)
- BIOL 101 - Biological Principles I / 101L and BIOL 102 - Biological Principles II / 102L (SCI)
- CHEM 111 - General Chemistry I (SCI)
- PHYS 201 - General Physics I / 201L
- CHEM 112 - General Chemistry II or PHYS 202 - General Physics II / 202L (SCI)
- PUBH 102 - Introduction to Public Health
- UNIV 101 - The Student in the University

<u>Existing</u>	<u>Proposed</u>
<p>3. Exercise Science Core Requirements (21 Hours)</p> <hr/> <ul style="list-style-type: none"> • EXSC 191 - Physical Activity and Health • EXSC 223 - Anatomy and Physiology I • EXSC 223L - Anatomy and Physiology I Laboratory • EXSC 224 - Anatomy and Physiology II • EXSC 224L - Anatomy and Physiology II Laboratory • EXSC 351 - Acquisition of Motor Skills • EXSC 530 - The Physiology of Muscular Activity • EXSC 530L - Physiology of Muscular Activity Lab • EPID 410 - Principles of Epidemiology • First aid and CPR certifications <p>4. Area of Emphasis Requirements (34-38 hours)</p> <hr/> <p>Select one of the following areas of emphasis: Health</p>	<p>3. Exercise Science Core Requirements (28 Hours)</p> <ul style="list-style-type: none"> • EXSC 191 - Physical Activity and Health • EXSC 223 - Anatomy and Physiology I • EXSC 223L - Anatomy and Physiology I Laboratory • EXSC 224 - Anatomy and Physiology II • EXSC 224L - Anatomy and Physiology II Laboratory • EXSC 351 - Acquisition of Motor Skills • EXSC 401-Practicum Preparation • EXSC 444-Exercise Science Practicum • EXSC 530 - The Physiology of Muscular Activity • EXSC 530L - Physiology of Muscular Activity Lab • EPID 410 - Principles of Epidemiology

Fitness, Motor Development, or Scientific Foundations.

Health Fitness (34 Hours)

- [EXSC 341A - Health Fitness Practicum](#)
- [EXSC 454 - Health/Fitness Programs](#)
- [HPEB 502 - Applied Aspects of Human Nutrition](#)

or

[EXSC 507 - Exercise, Sport, and Nutrition](#)

- [EXSC 531 - Clinical Exercise Physiology](#)
- [EXSC 531L - Clinical Exercise Physiology Lab](#)
- [EXSC 481 - Practicum in Community Fitness Programs](#)
- Social Science (3 hours)
- Selectives* (12 Hours)

Motor Development (38 Hours)

- [EXSC 303 - Perceptual-Motor Development](#)
- [EXSC 342A - Practicum in Life-Span Motor Development](#)
- [EXSC 342B - Practicum in Life-Span Motor Development](#)
- [EXSC 482 - Internship in Life-Span Motor Development](#)
- [EXSC 531 - Clinical Exercise Physiology](#)
- [EXSC 531L - Clinical Exercise Physiology Lab](#)
- [EXSC 535 - Biomechanics of Human Movement](#)
- [EXSC 563 - Physical Activity and the Physical Dimensions of Aging](#)
- Social Science (3 hours)
- Selectives* (9 Hours)

Scientific Foundations (34 Hours)

- [BIOL 302 - Cell and Molecular Biology](#)
 - [BIOL 302L - Cell and Molecular Biology Laboratory](#)
 - [CHEM 112 - General Chemistry II](#)
- or
- [PHYS 202 - General Physics II](#)
- /

- First aid and CPR certifications

4. Exercise Science Cognate (12 hours)

Each student must complete an EXSC cognate of 12 credit hours. The cognate is intended to support the course work in the major and enhance the student's area of interest. EXSC cognate courses will be selected from EXSC courses that are 300 level and above. EXSC core requirement courses may not count towards the cognate. All EXSC cognate courses must be approved by the student's academic advisor.

5. Cognate (12 hours)

Each student must complete a cognate of 12 credit hours. The cognate is intended to support the course work in the major. Depending on student interests, cognate courses may be selected from one or several units. A cognate differs from a minor in that the courses must be above the sophomore level and may be distributed over more than one subject area. Courses applied toward minimum Carolina Core requirements, EXSC core courses, or EXSC cognate courses cannot be counted toward the cognate. All cognate courses must be approved by the student's academic advisor.

5. Electives

Students in Exercise Science must complete a minimum of 120 credit hours. Depending on specific course choices, students must complete an appropriate number of elective courses.

Minors

Students majoring in Exercise Science may pursue minors offered by other units. In

<p><u>202L</u></p> <ul style="list-style-type: none"> • CHEM 333 - Organic Chemistry I • CHEM 331L - Essentials of Organic Chemistry Laboratory I • CHEM 334 - Organic Chemistry II • CHEM 332L - Essentials of Organic Chemistry Laboratory II • EXSC 499 - Independent Study • Social Science (3 hours) • Selectives* (12 Hours) <p>5. Electives**</p> <hr/> <p>Students in Exercise Science must complete a minimum of 120 credit hours. Depending on choice of area of emphasis, students must complete an appropriate number of elective courses.</p> <p>Notes:</p> <hr/> <p><i>*Selectives are intended to enhance the major and must be selected from the area of emphasis-specific list designated in the department undergraduate program manual. Courses applied toward minimum Carolina Core requirements cannot be counted toward selectives. All selectives must be approved by the student's academic advisor.</i></p> <p><i>**Advisor approved.</i></p> <p>Minors</p> <hr/> <p>Students majoring in Exercise Science may pursue minors offered by other units. In completing a minor, students may apply advisor-approved courses to both the minor and any elective or selective credits. Courses in the college core requirements beyond the Carolina Core minimum requirements may also be used in the minor.</p>	<p>completing a minor, students may apply advisor-approved courses to both the minor and cognate or elective requirements. Courses in the college core requirements beyond the Carolina Core minimum requirements may also be used in the minor.</p>
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New courses

EXSC 401 Practicum Preparation. (1) Integration of major program of study and general education; issues of transition into senior practicum-EXSC 444.
Prereq: EXSC 530

EXSC 444 Exercise Science Practicum. (6) Supervised experience in a field, clinical, or research setting.

Prereq: EXSC 401

Restricted to: EXSC majors

D. Department of Health Promotion, Education, and Behavior

New course

HPEB 674

Social Networks, Social Capital, and Health. (3) Examination of health sciences and sociological research on social networks, social capital, and health. Theoretical and methodological foundations for network analysis of social relationships and health, design of public health interventions, and use of online social networks to promote health. Key constructs include social support, social capital, and social diffusion

10. COLLEGE OF SOCIAL WORK

Change to Major/Degree Program – Social Work, B.S.W.

<u>Existing</u>	<u>Proposed</u>
<p>Based on the purposes of social work and liberal arts education, the mission of the BSW program, and academic climate, the goals are as follows:</p> <p>Goal 1 (curriculum): To prepare students for knowledgeable, ethical, competent, and culturally relevant generalist social work practice.</p> <p>Graduates of the BSW program will be able to:</p> <p>Objective 1: Apply critical thinking skills within the context of professional social work practice. Objective 2: Understand the value base of the profession and its ethical standards and principles, and practice accordingly. Objective 3: Practice without discrimination and with respect, knowledge, and skills related to clients' age, class, color, culture, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation. Objective 4: Analyze the forms and mechanisms of oppression and discrimination and apply strategies of advocacy and social change that advance social and economic justice. Objective 5: Interpret and synthesize the history of the social work profession and its contemporary structures and issues. Objective 6: Apply knowledge and skills of a generalist social work perspective to practice with systems of all sizes. Objective 7: Use theoretical frameworks supported by empirical evidence to draw conclusions on individual</p>	<p>Based on the purposes and values of a liberal arts education, and generalist social work practices, the goals of the BSW program are as follows:</p> <p>Goal 1: The program prepares students to appreciate the importance of human relationships for the provision of competent generalist practices</p> <ul style="list-style-type: none">• Learning Outcome 1: Graduates will engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities (2.1.10). <p>Goal 2: The program prepares students to demonstrate competent generalist practices within the parameters of the profession's ethics, values, emphasis on the dignity and worth of the person, and respect for diversity and difference.</p> <ul style="list-style-type: none">• Learning Outcome 2: Graduates will identify as professional social workers and conduct themselves accordingly (2.1.1).• Learning Outcome 3: Graduates will apply social work ethical principles to guide professional practice (2.1.2).• Learning Outcome 4: Graduates will engage

<p>development and behavior across the life span and the interactions among individuals and between individuals and families, groups, organizations, and communities.</p> <p>Objective 8: Analyze, formulate, and implement conclusions to influence social policies.</p> <p>Objective 9: Evaluate research studies, assess and apply research findings to practice, and evaluate their own foundation practice interventions.</p> <p>Objective 10: Use communication skills differentially across client populations, colleagues, and communities.</p> <p>Objective 11: Use supervision and consultation appropriate to social work practice.</p> <p>Objective 12: Function effectively and efficiently within the structure of organizations and service delivery systems and propose skillful actions for organizational development and sustainability.</p> <p>Goal 2 (explicit and implicit academic community climate): To provide students with a learner-centered academic climate that fosters excellence in generalist social work practice with individual, families, groups, communities, and organizations.</p> <p>Graduates of the BSW program will be able to:</p> <p>Objective 1: Apply technology and information management strategies;</p> <p>Objective 2: Use supervision and consultation throughout the program for learning, professional advancement and personal growth.</p> <p>Objective 3: Demonstrate leadership skills and behaviors in the classroom and various program components.</p> <p>Objective 4: Partner with administration, faculty, and staff to promote and maintain a learner centered academic climate.</p> <p>Goal 3 (partnerships with community): To offer students opportunities, through service learning and field education, to become community-engaged leaders and advocates for social and economic justice within culturally diverse communities and organizations.</p> <p>Graduates of the BSW program will be able to:</p> <p>Objective 1: Apply theoretical frameworks to analyze policies and program and influence legislative and policy processes.</p> <p>Objective 2: Assess and implement the planned change process in organizations and communities.</p> <p>Goal 4 (professional development): To provide students with experiences needed for lifelong learning and continuing professional development.</p>	<p>diversity and difference in practice (2.1.4).</p> <p>Goal 3: The program prepares students to apply a person and environment framework to interpret practice contexts and relevant research.</p> <ul style="list-style-type: none"> • Learning Outcome 5: Graduates will apply knowledge of human behavior and the social environment (2.1.7). • Learning Outcome 6: Graduates will engage in research-informed practice and practice-informed research (2.1.6). • Learning Outcome 7: Graduates will respond to contexts that shape practice (2.1.9). <p>Goal 4: The program prepares students to understand the conditions that influence human rights, as well as the policies and practices that enhance social and economic justice</p> <ul style="list-style-type: none"> • Learning Outcome 8: Graduates will engage in policy practice to advance social and economic well-being and to deliver effective social work services (2.1.8). <p>Goal 5: The program prepares students to use critical thinking in serving and advocating for social and economic justice.</p> <ul style="list-style-type: none"> • Learning Outcome 9: Graduates will apply critical thinking to inform and communicate professional judgments (2.1.3). • Learning Outcome 10: Graduates will advance human rights and social and economic justice (2.1.5).
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<p>Graduates of the BSW program will able to:</p> <p>Objective 1: Produce plans for continuing growth by effectively using supervision and consultation, develop strategies for self-care, and engage in career development and life-long learning.</p>	
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Change to Major/Degree Program – Social Work, B.S.W.

The purpose of the major is to provide an undergraduate Bachelor of Social Work (BSW) major that (1) prepares graduates for ethical, competent, and culturally relevant social work generalist practice with individuals, families, groups, communities, and organizations; (2) conveys the foundational knowledge, values, skills, and professional behaviors of generalist social work practitioner; (3) provides opportunities for students to experience leadership in human service organizations and communities by using various perspectives to promote a planned change process; and (4) equips students with the knowledge and skills necessary for developing plans for life-long learning and professional development. The undergraduate major is intended to provide a broad-based liberal arts education that leads to professional social work education. Graduates will be leaders and advocates who work to enhance social and economic well-being of individuals, families, groups, and the community.

<u>Existing</u>	<u>Proposed</u>
<p>In order to be admitted to the College of Social Work-BSW Program, freshmen and transfer students must meet all University and college admission requirements. Transfer students must meet all such requirements and have a GPA of 2.25 or better. Acceptance into the BSW Program with a lower division classification does not guarantee progression into the upper division BSW Major.</p> <p>All students in the lower division in the BSW program are subject to the following regulations:</p> <ol style="list-style-type: none"> 1. Students must maintain a minimum GPA of 2.25. 2. All incomplete grades posted on the transcript must be removed before progression into the upper division. 3. Students must earn a minimum grade of C in all required English courses. <p>Advanced Placement: Students must adhere to the University requirements for advanced placement in general education courses. Only those general education courses identified by the University can be used for advanced placement through the College Level Examination Program (CLEP). University departmental exams may be used for advanced placement if offered by the appropriate department and if the student meets the expected testing level identified by the department.</p> <p>Upper Division: Progression into upper division social work occurs primarily in the fall semester. Students who complete 45 hours of general education and wish to apply to upper division must submit a completed College of Social Work - BSW Application by the announced due dates published each year. Factors considered in the progression decision include the following:</p> <ol style="list-style-type: none"> 1. good standing with the University and successful completion of the application process. 	<p>In order to be admitted to the College of Social Work-BSW Program, freshmen and transfer students must meet all University and college admission requirements. Transfer students must meet all such requirements and have a GPA of 2.25 <u>2.50</u> or better. Acceptance into the BSW Program with a lower division classification does not guarantee progression into the upper division BSW Major.</p> <p>All students in the lower division in the BSW program are subject to the following regulations:</p> <ol style="list-style-type: none"> 1. Students must maintain a minimum GPA of 2.25 <u>2.50</u>. 2. All incomplete grades posted on the transcript must be removed before progression into the upper division. 3. Students must earn a minimum grade of C in all required English courses. <p>Advanced Placement: Students must adhere to the University requirements for advanced placement in general education courses. Only those general education courses identified by the University can be used for advanced placement through the College Level Examination Program (CLEP). University departmental exams may be used for advanced placement if offered by the appropriate department and if the student meets the expected testing level identified by the department.</p> <p>Upper Division: Progression into upper division social work occurs primarily in the fall semester. Students who complete 45 <u>39</u> hours of general education and wish to apply to upper division must submit a completed College of Social Work - BSW Application by the announced due dates published each year. Factors considered in the progression decision include the following:</p> <ol style="list-style-type: none"> 1. good standing with the University and successful completion of the application process.

<p>2. minimum of a 2.5 cumulative USC and collegiate summary grade point average in general education and other courses</p> <p>3. a grade of “C” in their English general education course requirements.</p> <p>4. verified completion of 45 hours of general education courses at the time of application.</p> <p>5. verified completion of 60 hours of general education courses at the time of progression to upper division.</p> <p>6. verified completion of SOWK 201 and 222.</p> <p>7. meeting with their social work advisors to receive and discuss the pre-application, application packet, personal statement, reference forms, and over-all process.</p> <p>8. completion of a statement of agreement to abide by the professional values and behavioral expectations outlined in the NASW Code of Ethics, USC Carolina Creed, and other documents found in student manuals.</p> <p>9. attendance at the BSW program and field education orientation sessions.</p> <p>Students must have a completed application for field, provide evidence of completion of remaining lower-division course work, and be admitted to the upper division prior to registering for their first upper division (300 level) social work course.</p> <p>Progression Requirements: To remain in the undergraduate degree program at the College of Social Work, a student must make satisfactory academic progress toward the degree. A student who fails to make satisfactory progress may be placed on academic probation or removed from the program. . If the semester, yearly, or cumulative grade point average of a student is below 2.50, the student will be notified in writing. A student must have an overall 2.0 average and must complete all social work core courses with an overall grade point average of 2.5. A student may attempt a social work core course a maximum of two times to fulfill the requirement. A grade of W (withdrawal) will be recognized as an attempt. A student may repeat a maximum of two core courses. In addition, all students in the College of Social Work are subject to the regulations on probation, suspension, and readmission in the section of the USC Undergraduate Bulletin titled “Academic Regulations.”</p>	<p>2. minimum of a 2.5 cumulative USC and collegiate summary grade point average in general education and other courses</p> <p>3. a grade of “C” in their English general education course requirements.</p> <p>4. verified completion of 45 <u>39</u> hours of general education courses at the time of application.</p> <p>5. verified completion of 60 <u>54</u> hours of general education courses at the time of progression to upper division.</p> <p>6. verified completion of SOWK 201 and 222.</p> <p>7. meeting with their social work advisors to receive and discuss the pre-application, application packet, personal statement, reference forms, and over-all process.</p> <p>8. completion of a statement of agreement to abide by the professional values and behavioral expectations outlined in the NASW Code of Ethics, USC Carolina Creed, and other documents found in student manuals.</p> <p>9. attendance at the BSW program and field education orientation sessions.</p> <p>Students must have a completed application for field, provide evidence of completion of remaining lower-division course work, and be admitted to the upper division prior to registering for their first upper division (300 level) social work course.</p> <p>Progression Requirements: To remain in the undergraduate degree program at the College of Social Work, a student must make satisfactory academic progress toward the degree. A student who fails to make satisfactory progress may be placed on academic probation or removed from the program. . If the semester, yearly, or cumulative grade point average of a student is below 2.50, the student will be notified in writing. A student must have an overall 2.0 average and must complete all social work core courses with an overall grade point average of 2.5. A student may attempt a social work core course a maximum of two times to fulfill the requirement. A grade of W (withdrawal) will be recognized as an attempt. A student may repeat a maximum of two core courses. In addition, all students in the College of Social Work are subject to the regulations on probation, suspension, and readmission in the section of the USC Undergraduate Bulletin titled “Academic Regulations.”</p>
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Change to Major/Degree Program – Social Work, B.S.W.

<p><u>Existing</u></p> <p>The College of Social Work offers a four-year undergraduate program on the Columbia campus leading to a Bachelor of Social Work (BSW). This BSW program is in the candidacy and accreditation process prescribed by the Council of Social Work Education (CSWE).</p>	<p><u>Proposed</u></p> <p>The College of Social Work offers a four-year undergraduate program on the Columbia campus leading to a Bachelor of Social Work (BSW). This BSW program has been fully accredited by the Council of Social Work Education (CSWE) since 2012.</p>
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Change Title

From: SOWK 331 Social Work with Diverse and Oppressed Populations. (3)

To: SOWK 331 Diversity and Social Justice in Contemporary Society. (3)

11. PALMETTO PROGRAMS

Change to Major/Degree Program – BA in Liberal Studies

<u>Existing</u>	<u>Proposed</u>
<p>The student's major will be chosen from one of the following three (3) options:</p>	<p>The student's major will be chosen from one of the following three (3) options:</p>
<p><u>Arts and Humanities Option (27 Hours)</u></p>	<p><u>Arts and Humanities Option (27 Hours)</u></p>
<p>A minimum of 27 hours from two of the following disciplines:</p>	<p>A minimum of 27 hours from two of the following disciplines:</p>
<p>Art</p>	<p>Art</p>
<p>English</p>	<p>English</p>
<p>History</p>	<p>History</p>
<p>Languages</p>	<p>Languages</p>
<p>Philosophy</p>	<p>Native American Studies*</p>
<p>Religious Studies</p>	<p>Philosophy</p>
<p>Theatre</p>	<p>Religious Studies</p>
<p><u>Science and Mathematics Option (27 Hours)</u></p>	<p>Theatre</p>
<p>A minimum of 27 hours from two of the following disciplines:</p>	<p><u>Science and Mathematics Option (27 Hours)</u></p>
<p>Astronomy</p>	<p>A minimum of 27 hours from two of the following disciplines:</p>
<p>Biological Sciences</p>	<p>Astronomy</p>
<p>Chemistry</p>	<p>Biological Sciences</p>
<p>Environmental Studies</p>	<p>Chemistry</p>
<p>Geology</p>	<p>Environmental Studies</p>
<p>Marine Science</p>	<p>Geology</p>
<p>Mathematics</p>	<p>Marine Science</p>
<p>Physics</p>	<p>Mathematics</p>

<p>Statistics</p> <p><u>Social and Behavioral Sciences Option (27 Hours)</u></p> <p>A minimum of 27 hours from two of the following disciplines:</p> <p>Anthropology</p> <p>Criminology and Criminal justice</p> <p>Economics</p> <p>Geography</p> <p>Political science</p> <p>Psychology</p> <p>Sociology</p> <p>Social Work</p>	<p>Physics</p> <p>Statistics</p> <p><u>Social and Behavioral Sciences Option (27 Hours)</u></p> <p>A minimum of 27 hours from two of the following disciplines:</p> <p>Anthropology</p> <p>Criminology and Criminal justice</p> <p>Economics</p> <p>Geography</p> <p>Health Promotion, Education and Behavior</p> <p>Native American Studies*</p> <p>Political science</p> <p>Psychology</p> <p>Sociology</p> <p>Social Work</p> <p>*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. http://saeu.sc.edu/academics/programs/LiberalStudies/index.html</p>
<p>COGNATE (12 hours)</p> <p>All grades must be C or better.</p> <p>The cognate is comprised of a discipline NOT included in the student's major but philosophically/ontologically joined to it. Coursework must be at the 300 or above level in one of the following disciplines: ANTH, Art, Business, CRJU, DANC, ECON, Education, ENGL, GEOG, HIST, Languages, MATH, PHIL, POLI, PSYC, Physical or Biological Sciences, RELG, SOWK, SOCY, THEA. The cognate cannot be a discipline included in the student's major. No more than six hours of transfer work may be applied to the cognate.</p>	<p>COGNATE (12 hours)</p> <p>All grades must be C or better.</p> <p>The cognate is comprised of a discipline NOT included in the student's major but philosophically/ontologically joined to it. Coursework must be at the 300 or above level in one of the following disciplines: ANTH, Art, Business, CRJU, DANC, ECON, Education, ENGL, GEOG, HIST, HPEB, Languages, MATH, Native American Studies*, PHIL, POLI, PSYC, Physical or Biological Sciences, RELG, SOWK, SOCY, THEA. The cognate cannot be a discipline included in the student's major. No more than six hours of transfer work may be applied to the cognate.</p> <p>*Courses designated as fulfilling the Native American Studies option will be listed on the BA in Liberal Studies program website. http://saeu.sc.edu/academics/programs/LiberalStudies/index.html</p>

12. ENGLISH PROGRAM FOR INTERNATIONALS
New Courses

ENFS 091 English for Academic Purposes A. (0) Essential English integrated skill building for students at a high intermediate level of English language proficiency; production and comprehension skills and strategies related to accessing academic content.
Co-req: ENFS 092

Restricted to: Students in the international accelerator program

ENFS 092 English for Academic Purposes B. (0) Essential English integrated skill building for students at a high intermediate level of English language proficiency; production and comprehension skills and strategies related to accessing academic content; second in a two-part sequence (ENFS 091, ENFS 092).
Co-req: ENFS 091

Restricted to: Students in the International Accelerator Program