

REPORT: COMMITTEE ON CURRICULA AND COURSES
(For consideration by the Faculty Senate at its June 15, 2011 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 Jennifer Vendemia (Psychology) in advance of Faculty Senate meeting if errors are noted, either by phone: 777-6738 or e-mail: Vendemia@mailbox.sc.edu.

1. COLLEGE OF ARTS AND SCIENCES

A. African American Studies Program

New courses

- AFAM 428A African-American Literature I: to 1903. [=ENGL 428A] (3)
Representative works of African-American writers to 1903.
Note: All Literature Courses 300 and above require ENGL 101, 102, and one course between ENGL 270-292.
- AFAM 428B African American Literature II: 1903-Present. [=ENGL 428B] (3)
Representative works of African-American writers from 1903 to the present. Note: All Literature Courses 300 and above require ENGL 101, 102, and one course between ENGL 270-292.
- AFAM 438D Studies in Regional Literature. [=ENGL 438D] (3) Authors and literary forms representative of Africa. Note: All Literature Courses 300 and above require ENGL 101, 102, and one course between ENGL 270-292.
- AFAM 438E Studies in Regional Literature. [=ENGL 438E] (3) Authors and literary forms representative of the Caribbean.
Note: All Literature Courses 300 and above require ENGL 101, 102, and one course between ENGL 270-292.
- AFAM 565 African American Theatre. [=ENGL 565, THEA 565] (3) The major movements, figures, plays, and critical strategies that have marked the development of African American theatre in the 19th, 20th, and 21st centuries. Note: All Literature Courses 300 and above require ENGL 101, 102, and one course between ENGL 270-292.

B. Department of Art

Deletion

- ARTH 365 History of Cinema I. [=ENGL 474, FILM 365, and THEA 480] (3)
ARTH 366 History of Cinema II. [=ENGL 475, FILM 366, and THEA 481] (3)

C. Department of English Language and Literature**Addition of cross-listing**

- From: ENGL 428A African-American Literature I: to 1903. (3)
 To: ENGL 428A African-American Literature I: to 1903 [=AFAM 428A] (3)
- From: ENGL 428B African-American Literature II: 1903-Present. (3)
 To: ENGL 428B African-American Literature II: 1903-Present. [=AFAM 428B] (3)
- From: ENGL 438D Studies in Regional Literature. (3)
 To: ENGL 438D Studies in Regional Literature. [=AFAM 438D] (3)
- From: ENGL 438E Studies in Regional Literature. (3)
 To: ENGL 438E Studies in Regional Literature. [=AFAM 438E] (3)
- From: ENGL 565 African American Theatre. [=THEA 565] (3)
 To: ENGL 565 African American Theatre. [=AFAM 565, THEA 565] (3)

Deletion

- ENGL 474 History of Cinema I. [=ARTH 365, FILM 365, and THEA 480] (3)
 ENGL 475 History of Cinema II. [=ARTH 366, FILM 366, and THEA 481] (3)

D. Film and Media Studies Program**Deletion**

- FILM 365 History of Cinema I. [=ARTH 365, ENGL 474, and THEA 480] (3)
 FILM 366 History of Cinema II. [=ARTH 366, ENGL 475, and THEA 481] (3)

E. Department of Languages, Literatures, and Cultures**New courses**

- JAPA 353 Japanese Culture and Society through Animation. (3) Examination of Japanese culture and contemporary society through studying of popular animations. Taught in English.
- PORT 299 Accelerated Portuguese for Speakers of Spanish. (3) Accelerated Portuguese for speakers of Spanish, taught through a communicative approach. Students will develop intermediate-level oral and written communication skills in Portuguese and increase knowledge about multiple aspects of Luso-Brazilian cultures. (Prereq: SPAN 309, advanced proficiency or equivalent in Spanish, or consent of instructor)

F. Marine Science Program**New course**

- MSCI 555 Conservation and Health in Marine Systems. [=ENHS 555] (3) Introduces the field of conservation and explores the intersection between conservation and environmental health with a particular focus on coastal and marine case studies.

G. Department of Theatre and Dance

Deletion

- THEA 480 History of Cinema I. [=ARTH 365, ENGL 474, and FILM 365] (3)
- THEA 481 History of Cinema II. [=ARTH 366, ENGL 475, and FILM 366] (3)

Addition of cross-listing and note

- From: THEA 565 African American Theatre. [=ENGL 565] (3)
 - To: THEA 565 African American Theatre. [=AFAM 565, ENGL 565] (3)
- Note: All Literature Courses 300 and above require ENGL 101, 102, and one course between ENGL 270-292.

H. Women’s and Gender Studies Program

Addition of Distance Education Delivery to existing course

- WGST 541 Issues in Women’s Health. [=NURS 541] (3)

2. COLLEGE OF EDUCATION

Department of Instruction and Teacher Education

Change in curriculum. Website 2010-2011 Bulletin – BA in Early Childhood

Education – progression requirements.

<u>Current</u>	<u>Proposed</u>
<p>The Early Childhood Education Professional Program</p> <p>Upon completion of 60 semester hours of course work, including courses specified by the program area, the candidate may apply for admission to the Professional Program in Early Childhood Education.</p> <p>For admission to the professional program, the candidate must:</p> <ol style="list-style-type: none"> 1. meet the state basic skills testing requirement; 2. pass the USC Education and Economic Development Act Assessment; 3. achieve an overall GPA of 2.50 or higher; 4. achieve a GPA of 3.00 or higher and no grade lower than C on education courses and field experiences; 5. earn a grade of C or better in specific course work as required by the program area;; 6. provide a written endorsement for admission from an instructor in education; 7. provide a written endorsement from an educator outside the University of South Carolina who has worked with the candidate in a practicum setting attesting to the candidate's character and dispositions; 8. submit satisfactory work samples as required by the program area. 	<p>The Early Childhood Education Professional Program</p> <p>Upon completion of 60 semester hours of course work, including courses specified by the program area, the candidate may apply for admission to the Professional Program in Early Childhood Education.</p> <p>For admission to the professional program, the candidate must:</p> <ol style="list-style-type: none"> 1. meet the state basic skills testing requirement; 2. pass the USC Education and Economic Development Act Assessment; 3. achieve an overall GPA of 2.50 or higher; 4. achieve a GPA of 3.00 or higher and no grade lower than C on education courses and field experiences; 5. earn a grade of C or better in specific course work as required by the program area;; 6. provide a written endorsement for admission from an instructor in education; 7. provide a written endorsement from an educator outside the University of South Carolina who has worked with the candidate in a practicum setting attesting to the candidate's character and dispositions;
	<p>The Early Childhood Internship Admission Requirements</p>

<p>The Early Childhood Internship Admission Requirements</p> <p>For admission to the internship semesters, the candidate must:</p> <ol style="list-style-type: none"> 1. be admitted to the professional program; 2. achieve an overall GPA of 2.50 or higher; 3. achieve a GPA of 3.00 or higher in all education course work with no grade lower than C; 4. achieve a grade of C or better in specified course work as required by the program area and completed since entry into the professional program; 5. successfully complete criminal background check as required by the S.C. Department of Education by program deadline; 6. earn a grade of B or better in either EDEC 342P or EDEC 443 to meet the dispositions requirement for admission to Internship II. An action plan is required for students who make a grade of C or C+ in either EDEC 342P or EDEC 443. 	<p>For admission to the internship semesters, the candidate must:</p> <ol style="list-style-type: none"> 1. be admitted to the professional program; 2. achieve an overall GPA of 2.50 or higher; 3. achieve a GPA of 3.00 or higher in all education course work with no grade lower than C; 4. achieve a grade of C or better in specified course work as required by the program area and completed since entry into the professional program; 5. successfully complete criminal background check as required by the S.C. Department of Education by program deadline; 6. earn a grade of B or better in either EDEC 342P or EDEC 443 to meet the dispositions requirement for admission to Internship II. An action plan is required for students who make a grade of C or C+ in either EDEC 342P or EDEC 443. 7. <u>Submit satisfactory work sample as required by the program area.</u>
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Change in in curriculum. Website 2010-2011 Bulletin – BA in Elementary Education – progression requirements.

<p><u>Current</u></p> <p>Elementary Education</p> <p>The Department of Instruction and Teacher Education offers a program leading to a B.A. degree in elementary education. Students successfully completing all degree and certification requirements are eligible to apply for a professional credential to teach grades 2 through 6.</p> <p>The Elementary Education Professional Program</p> <p>Upon completion of 60 semester hours of course work including courses specified by the program area, the candidate may apply for admission to the Professional Program in Elementary Education.</p> <p>For admission to the professional program, the candidate must:</p> <ol style="list-style-type: none"> 1. successfully meet the state basic skills testing requirement; 2. pass the USC Education and Economic Development Act Assessment; 3. achieve an overall GPA of 2.50 or higher; 4. achieve a GPA of 3.00 or higher and no grade 	<p><u>Proposed</u></p> <p>Elementary Education</p> <p>The Department of Instruction and Teacher Education offers a program leading to a B.A. degree in elementary education. Students successfully completing all degree and certification requirements are eligible to apply for a professional credential to teach grades 2 through 6.</p> <p>The Elementary Education Professional Program</p> <p>Upon completion of 60 semester hours of course work including courses specified by the program area, the candidate may apply for admission to the Professional Program in Elementary Education.</p> <p>For admission to the professional program, the candidate must:</p> <ol style="list-style-type: none"> 1. meet the state basic skills testing requirement; 2. pass the USC Education and Economic Development Act Assessment; 3. achieve an overall GPA of 2.50 or higher; 4. achieve a GPA of 3.00 or higher and no grade lower than C in education courses and field
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<p>lower than C in education courses and field experiences;</p> <p>5. earn a grade of C or better in specific course work as required by the program area;</p> <p>6. comply with criminal background check and health screening requirements;</p> <p>7. provide a written endorsement for admission from an instructor in education;</p> <p>8. provide a written endorsement from an educator outside the University of South Carolina who has worked with the candidate in a practicum setting attesting to the candidate's professionalism and character;</p> <p>9. submit an essay addressing the dispositions (stewardship, intellectual spirit, integrity, and justice) of the College of Education Conceptual Framework;</p> <p>10. submit two work samples with a narrative reflection providing evidence of the student's knowledge and skills in the following dimensions of the College of Education Conceptual Framework: human growth and development, standards, cultural influences, self knowledge, technology, relationship building, and communication (to be completed while enrolled in EDEL 505).</p> <p>The Elementary Education Internship Admission Requirements</p> <p>For admission to the internship semesters, the candidate must:</p> <ol style="list-style-type: none"> 1. be admitted to the professional program; 2. achieve an overall GPA of 2.50 or higher; 3. achieve a GPA of 3.00 or higher in all education course work; 4. complete EDEL 440, 441, 505, and 505P and EDRD 430 with grades of B or better; 5. achieve a grade of C or better in specific course work as required by the program area; 6. successfully complete the health screening and the criminal background check that are required for S.C. Teacher Certification. <p>In addition to the above, for admission to EDTE 590 A, B, and C, a GPA of 3.00 or higher is required in EDEL 570 and EDEL 450, 460, 506, and 571.</p>	<p>experiences;</p> <p><u>5. earn minimum required grade in specific course work as required by the program area, including a grade of B or better in EDEL 505 & 505P;</u></p> <p><u>6.</u> provide a written endorsement for admission from an instructor in education;</p> <p><u>7.</u> provide a written endorsement from an educator outside the University of South Carolina who has worked with the candidate in a practicum setting attesting to the candidate's professionalism and character;</p> <p><u>8.</u> submit an essay addressing the dispositions (stewardship, intellectual spirit, integrity, and justice) of the College of Education Conceptual Framework.</p> <p>The Elementary Education Internship Admission Requirements</p> <p>For admission to the senior internship semesters, the candidate must:</p> <ol style="list-style-type: none"> 1. be admitted to the professional program; 2. achieve an overall GPA of 2.50 or higher; 3. achieve a GPA of 3.00 or higher in all education course work; 4. complete <u>EDEL 441 and EDRD 430</u> with grades of B or better; 5. achieve a grade of C or better in specific course work as required by the program area; 6. successfully complete criminal background check <u>as required by the S.C. Department of Education by program deadline.</u> <p>In addition to the above, for admission to EDTE 590 A, B, and C, a GPA of 3.00 or higher is required in EDEL 570, <u>571, 440, 450, 460, and EDRD 431.</u></p>
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Change in in curriculum. Website 2010-2011 Bulletin – BA in Elementary Education – degree requirements.

<u>Current</u>	<u>Proposed</u>
<p>Elementary Education, B.A. Degree Requirements (Total Semester Hours: 127-129) 1. General Education (49 Hours) Liberal Arts (33 Hours)</p> <p>English/Speech (9 Hours) <input type="checkbox"/> ENGL 101 - Critical Reading and Composition <input type="checkbox"/> ENGL 102 - Rhetoric and Composition (or higher level) Select one course (3 Hours) from the following: <input type="checkbox"/> ENGL 282 - Fiction <input type="checkbox"/> ENGL 283 - Themes in British Writing <input type="checkbox"/> ENGL 284 - Drama <input type="checkbox"/> ENGL 285 - Themes in American Writing <input type="checkbox"/> SPCH 140 - Public Communication</p> <p>History (3 Hours) <input type="checkbox"/> HIST 111 - United States History to 1865 <input type="checkbox"/> HIST 112 - United States History Since 1865 <input type="checkbox"/> HIST 409 - The History of South Carolina, 1670-1865 <input type="checkbox"/> HIST 410 - History of South Carolina Since 1865</p> <p>Fine Arts (3 Hours) <input type="checkbox"/> ARTE 101 - Introduction to Art <input type="checkbox"/> ARTE 360 - Interdisciplinary Relationships in the Arts</p> <p><input type="checkbox"/> MUSC 110 - Introduction to Music <input type="checkbox"/> MUSC 140 - Jazz and American Popular Music</p> <p><input type="checkbox"/> THEA 522 - Creative Drama <input type="checkbox"/> THEA 526 - Children's Theatre</p> <p>Political Science (3 Hours) <input type="checkbox"/> POLI 101 - Controversies in World Politics <input type="checkbox"/> POLI 201 - American National Government</p>	<p>Elementary Education, B.A. Degree Requirements (Total Semester Hours: 127-129) 1. General Education (49 Hours) Liberal Arts (33 Hours – <u>grade of C or better required in ENGL 101; ENGL 102; 3 out of 4 of the required courses from history, political science, economics, and geography</u>)</p> <p>English/Speech (9 Hours) <input type="checkbox"/> ENGL 101 - Critical Reading and Composition <input type="checkbox"/> ENGL 102 - Rhetoric and Composition (or higher level) Select one course (3 Hours) from the following: <input type="checkbox"/> ENGL 282 - Fiction <input type="checkbox"/> ENGL 283 - Themes in British Writing <input type="checkbox"/> ENGL 284 - Drama <input type="checkbox"/> ENGL 285 - Themes in American Writing <input type="checkbox"/> SPCH 140 - Public Communication</p> <p>History (3 Hours) <u>Select one course (3 Hours) from the following:</u> <input type="checkbox"/> HIST 111 - United States History to 1865 <input type="checkbox"/> HIST 112 - United States History Since 1865 <input type="checkbox"/> HIST 409 - The History of South Carolina, 1670-1865 <input type="checkbox"/> HIST 410 - History of South Carolina Since 1865</p> <p>Fine Arts (3 Hours) <u>Select one course (3 Hours) from the following:</u> <input type="checkbox"/> ARTE 101 - Introduction to Art <input type="checkbox"/> ARTE 360 - Interdisciplinary Relationships in the Arts <input type="checkbox"/> <u>DANC 101 –Dance Appreciation</u> <input type="checkbox"/> MUSC 110 - Introduction to Music <input type="checkbox"/> MUSC 140 - Jazz and American Popular Music <input type="checkbox"/> <u>THEA 200 – Understanding and Appreciation of Theatre</u> <input type="checkbox"/> THEA 522 - Creative Drama <input type="checkbox"/> THEA 526 - Children's Theatre</p> <p>Political Science (3 Hours) <u>Select one course (3 Hours) from the following:</u> <input type="checkbox"/> POLI 101 - Controversies in World Politics</p>

<p><input type="checkbox"/> Other approved course</p> <p>Economics (3 Hours)</p> <p><input type="checkbox"/> ECON 221 - Principles of Microeconomics <input type="checkbox"/> ECON 222 - Principles of Macroeconomics <input type="checkbox"/> ECON 224 - Introduction to Economics</p> <p>Geography (3 Hours)</p> <p><input type="checkbox"/> GEOG 121 - Lands and People of the World <input type="checkbox"/> GEOG 210 - Peoples, Places, and Environments</p> <p>Foreign Languages</p> <p>Students shall demonstrate in one foreign language the ability to comprehend the topic and main ideas in written and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. This ability can be demonstrated by achieving a score of 2 or better on a USC foreign language test. Those failing to do so must satisfactorily complete equivalent study of a foreign language at USC.</p> <p>Electives (9 Hours)</p> <p>Recommended areas include Anthropology, African American studies, Art, English, Geography, Sociology, Psychology, Music, Media Arts, or Theatre and Speech or UNIV 101.</p> <p>Science and Mathematics (16 Hours)</p> <p><input type="checkbox"/> MATH 122 - Calculus for Business Administration and Social Sciences <input type="checkbox"/> STAT 110 or STAT 201</p> <p>Natural Sciences (10 Hours)</p> <p>At least one science course must include a lab.</p> <p>Life Sciences (3-4 Hours)</p> <p>3-4 hours from the following:</p> <p><input type="checkbox"/> BIOL 110 - General Biology <input type="checkbox"/> BIOL 120 - Human Biology and BIOL 120L</p> <p>Physical Sciences (3-4 Hours)</p>	<p><input type="checkbox"/> POLI 201 - American National Government <input type="checkbox"/> Other approved course</p> <p>Economics (3 Hours)</p> <p><u>Select one course (3 Hours) from the following:</u></p> <p><input type="checkbox"/> ECON 221 - Principles of Microeconomics <input type="checkbox"/> ECON 222 - Principles of Macroeconomics <input type="checkbox"/> ECON 224 - Introduction to Economics</p> <p>Geography (3 Hours)</p> <p><u>Select one course (3 Hours) from the following:</u></p> <p><input type="checkbox"/> GEOG 121 - Lands and People of the World <input type="checkbox"/> GEOG 210 - Peoples, Places, and Environments</p> <p>Foreign Languages</p> <p>Students shall demonstrate in one foreign language the ability to comprehend the topic and main ideas in written and, with the exception of Latin and Ancient Greek, spoken texts on familiar subjects. This ability can be demonstrated by achieving a score of 2 or better on a USC foreign language test. Those failing to do so must satisfactorily complete equivalent study of a foreign language at USC.</p> <p>Electives (9 Hours)</p> <p>Recommended areas include Anthropology, African American studies, Art, English, Geography, Sociology, Psychology, Music, Media Arts, or Theatre and Speech or UNIV 101.</p> <p>Science and Mathematics (16 Hours)</p> <p><u>Complete one option from the following:</u></p> <p><u>Option One:</u></p> <p><input type="checkbox"/> MATH 122 - Calculus for Business Administration and Social Sciences <input type="checkbox"/> STAT 110 or STAT 201</p> <p><u>Option Two:</u></p> <p><u>Two Courses in Statistics (STAT)</u></p> <p>Natural Sciences (10 Hours – <u>grade of C or better required in 2 out of 3 of the required courses from Life Sciences, Physical Sciences, and Earth Sciences</u>)</p> <p>At least one science course must include a lab.</p> <p>Life Sciences (3-4 Hours)</p> <p>3-4 hours from the following:</p> <p><input type="checkbox"/> BIOL 110 - General Biology <input type="checkbox"/> BIOL 120 - Human Biology and BIOL 120L</p> <p>Physical Sciences (3-4 Hours)</p>
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<p>3-4 hours from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ASTR 111 - Descriptive Astronomy I and ASTR 111A <input type="checkbox"/> CHEM 105 - Chemistry and Modern Society I <input type="checkbox"/> PHYS 101 - The Physics of How Things Work I and PHYS 101L <p>Earth Sciences (3-4 Hours)</p> <p>3-4 hours from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ENVR 101 - Introduction to the Environment and ENVR 101L <input type="checkbox"/> ENVR 200 - Natural History of South Carolina <input type="checkbox"/> GEOL 101 - Introduction to the Earth <input type="checkbox"/> GEOL 103 - Environment of the Earth <input type="checkbox"/> GEOL 201 - Observing the Earth <input type="checkbox"/> MSCI 210 - Oceans and Man and MSCI 210L <input type="checkbox"/> MSCI 215 - Coastal Environments of the Southeastern U.S and MSCI 215L <p>2. Specialized Content Preparation (18 Hours)</p> <ul style="list-style-type: none"> <input type="checkbox"/> SLIS 220 - Using Information Resources or equivalent course approved by the advisor. <input type="checkbox"/> MATH 221 - Basic Concepts of Elementary Mathematics I <input type="checkbox"/> MATH 222 - Basic Concepts of Elementary Mathematics II <input type="checkbox"/> ENGL 431 or SLIS 325 <input type="checkbox"/> PEDU 575 - Physical Education for the Classroom Teacher <p>Select one course (3 Hours) from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ARTE 520 - Art for Elementary Schools <input type="checkbox"/> ARTE 530 - Art of Children <input type="checkbox"/> MUED 454 - Music for Young Children <p>3. Education (60 hours)</p> <p>Education Core (16 Hours)</p> <ul style="list-style-type: none"> <input type="checkbox"/> EDTE 201 - Classroom Inquiry with Technology <input type="checkbox"/> EDTE 400 - Learning Through Community Service <input type="checkbox"/> EDFN 300 - Schools In Communities <input type="checkbox"/> EDPY 401 - Learners and the Diversity of Learning <input type="checkbox"/> EDPY 401P - Practicum: Learners and the Diversity of Learning <input type="checkbox"/> EDRM 423 - Introduction to Classroom 	<p>3-4 hours from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ASTR 111 - Descriptive Astronomy I and ASTR 111A <input type="checkbox"/> CHEM 105 - Chemistry and Modern Society I <input type="checkbox"/> PHYS 101 - The Physics of How Things Work I and PHYS 101L <p>Earth Sciences (3-4 Hours)</p> <p>3-4 hours from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ENVR 101 - Introduction to the Environment and ENVR 101L <input type="checkbox"/> ENVR 200 - Natural History of South Carolina <input type="checkbox"/> GEOL 101 - Introduction to the Earth <input type="checkbox"/> GEOL 103 - Environment of the Earth <input type="checkbox"/> GEOL 201 - Observing the Earth <input type="checkbox"/> MSCI 210 - Oceans and Man and MSCI 210L <input type="checkbox"/> MSCI 215 - Coastal Environments of the Southeastern U.S and MSCI 215L <p>2. Specialized Content Preparation (18 Hours) <u>grade of C or better required</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> SLIS 220 - Using Information Resources or equivalent course approved by the advisor. <input type="checkbox"/> MATH 221 - Basic Concepts of Elementary Mathematics I <input type="checkbox"/> MATH 222 - Basic Concepts of Elementary Mathematics II <input type="checkbox"/> ENGL 431 or SLIS 325 <input type="checkbox"/> PEDU 575 - Physical Education for the Classroom Teacher <p>Select one course (3 Hours) from the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> ARTE 520 - Art for Elementary Schools <input type="checkbox"/> ARTE 530 - Art of Children <input type="checkbox"/> MUED 454 - Music for Young Children <p>3. Education (60 hours – <u>grade of B or better required in EDEL 505, 505P, 441, and EDRD 430 – grade of C or better required in all other Education courses</u>)</p> <p>Education Core (15 Hours)</p> <ul style="list-style-type: none"> <input type="checkbox"/> EDTE 201 - Classroom Inquiry with Technology <input type="checkbox"/> EDFN 300 - Schools In Communities <input type="checkbox"/> EDPY 401 - Learners and the Diversity of Learning <input type="checkbox"/> EDPY 401P - Practicum: Learners and the Diversity of Learning <input type="checkbox"/> EDRM 423 - Introduction to Classroom Assessment
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<p>Assessment</p> <p><input type="checkbox"/> EDEX 523 - Introduction to Exceptional Children</p> <p>Elementary Core and Clinical Experience (25 Hours)</p> <p><input type="checkbox"/> EDRD 430 - Elementary Literacy Instruction</p> <p><input type="checkbox"/> EDRD 431 - Reading Assessment</p> <p><input type="checkbox"/> EDEL 440 - Elementary Mathematics Instruction</p> <p><input type="checkbox"/> EDEL 450 - Elementary Science Instruction</p> <p><input type="checkbox"/> EDEL 460 - Elementary Social Studies Instruction</p> <p><input type="checkbox"/> EDEL 505 - Nature and Management of Elementary Classrooms</p> <p><input type="checkbox"/> EDEL 506 - Integrated Curriculum in Elementary Schools</p> <p><input type="checkbox"/> EDEL 591 - Seminar on Teaching</p> <p>Practicum and Internship Experiences (19 Hours)</p> <p><input type="checkbox"/> EDEL 505P - Inquiry Practicum: The Elementary School</p> <p><input type="checkbox"/> EDEL 441 - Introductory Elementary Internship</p> <p><input type="checkbox"/> EDEL 570 - Internship in Environments for Teaching and Learning</p> <p><input type="checkbox"/> EDEL 571 - Internship in Planning and Motivation</p> <p><input type="checkbox"/> EDTE 590A - Internship in Curriculum and Assessment</p> <p><input type="checkbox"/> EDTE 590B - Internship in Teaching</p> <p>EDTE 590C - Internship in Professional Roles</p>	<p><input type="checkbox"/> EDEX 523 - Introduction to Exceptional Children</p> <p>Elementary Core and Clinical Experience (26 Hours)</p> <p><input type="checkbox"/> EDRD 430 - Elementary Literacy Instruction</p> <p><input type="checkbox"/> EDRD 431 - Reading Assessment</p> <p><input type="checkbox"/> EDEL 440 - Elementary Mathematics Instruction</p> <p><input type="checkbox"/> EDEL 450 - Elementary Science Instruction</p> <p><input type="checkbox"/> EDEL 460 - Elementary Social Studies Instruction</p> <p><input type="checkbox"/> EDEL 505 - Nature and Management of Elementary Classrooms</p> <p><input type="checkbox"/> EDEL 506 - Integrated Curriculum in Elementary Schools</p> <p><input type="checkbox"/> EDEL 591 - Seminar on Teaching</p> <p>Practicum and Internship Experiences (19 Hours)</p> <p><input type="checkbox"/> EDEL 505P - Inquiry Practicum: The Elementary School</p> <p><input type="checkbox"/> EDEL 441 - Introductory Elementary Internship</p> <p><input type="checkbox"/> EDEL 570 - Internship in Environments for Teaching and Learning</p> <p><input type="checkbox"/> EDEL 571 - Internship in Planning and Motivation</p> <p><input type="checkbox"/> EDTE 590A - Internship in Curriculum and Assessment</p> <p><input type="checkbox"/> EDTE 590B - Internship in Teaching</p> <p><input type="checkbox"/> EDTE 590C - Internship in Professional Roles</p>
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Change in credit hours and description

From: EDRD 430 Elementary Literacy Instruction I. (5) Examination and implementation of the key concepts, content, goals, and strategies in teaching reading and the language arts in the elementary school.

To: EDRD 430 Elementary Literacy Instruction I. (6) Examination and implementation of the key concepts, content, goals, and strategies in teaching reading and the language arts in the elementary school. Students will work with elementary children in a school setting to learn literacy concepts and instructional strategies.

3. COLLEGE OF ENGINEERING AND COMPUTING

A. Biomedical Engineering Program

Change in curriculum. Website 2010-2011 Bulletin – Biomedical Engineering Program

<u>Current</u>	<u>Proposed</u>
Technical and Biomedical Electives (21 Hours)	Technical Electives (9 Hours)
<p>In addition to the required basic science and biomedical engineering courses listed above, students are also required to take 21 credit hours of science and engineering electives, as least 9 of which must be biomedical engineering electives. Or these 9 hours in biomedical engineering electives, at least 3 credits must come from BMEN 499 Independent Research. A listing of acceptable elective courses will be maintained in the department offices.</p>	<p>Students must take 9 credit hours of technical electives, which are to be selected from a preapproved list that includes both science and engineering courses. Of these 9 credit hours, at least 3 credit hours must come from courses offered by the College of Engineering and Computing. A listing of acceptable technical electives is shown below. This list is also available in the Biomedical Engineering Advisement Booklet as well as via a link from the Biomedical Engineering website. In addition, this list is maintained in the Biomedical Engineering office.</p>
<p>The technical electives listing may include but is not limited to the following:</p>	<ul style="list-style-type: none"> <u>BIOL 250 Microbiology</u> <u>BIOL 250L Microbiology Laboratory</u> <u>BIOL 303 Fundamental Genetics</u> <u>BIOL 415 Comparative Vertebrate Anatomy</u> <u>BIOL 460 General Physiology</u> <u>BIOL 460L General Physiology Laboratory</u> <u>BIOL 505 Developmental Biology</u> <u>BIOL 505L Developmental Biology Laboratory</u> <u>BIOL 530 Histology</u> <u>BIOL 541 or CHEM 550 Principles of Biochemistry</u> <u>BIOL 541L or CHEM 550L Principles of Biochemistry Laboratory</u> <u>BIOL 545 or CHEM 556 Biochemistry/Molecular Biology I</u> <u>BIOL 546 or CHEM 556 Biochemistry/Molecular Biology II</u> <u>BIOL 620 Immunology</u> <u>BIOL 635 Neurobiology</u> <u>BIOL 653 Bioinformatics</u> <u>BIOL 655 Biotechnology</u> <u>BIOL 656 Experimental Biotechnology</u> <u>BIOL 665 Human Molecular Genetics</u> <u>BIOL 690 Ultramicroscopy</u> <u>CHEM 321 Analytical Chemistry</u> <u>CHEM 321L Quantitative Analysis Laboratory</u> <u>CHEM 332L Essentials of Organic Chemistry Laboratory</u> <u>CHEM 334 Organic Chemistry II</u> <u>CHEM 334L Comprehensive Organic Chemistry Laboratory II</u> <u>CHEM 340 Elementary Biophysical Chemistry</u> <u>CHEM 340L Elementary Biophysical Chemistry</u>
<ul style="list-style-type: none"> ● <u>BIOL 530 Histology</u> ● <u>BIOL 541 Principles of Biochemistry</u> ● <u>CHEM 550 Principles of Biochemistry</u> ● <u>CHEM 541 Physical Chemistry</u> or ● <u>CHEM 542 Physical Chemistry</u> ● <u>ECHE 321 Heat Flow Analysis</u> ● <u>ECHE 322 Mass Transfer</u> ● <u>ECHE 430 Chemical Engineering Kinetics</u> ● <u>ECHE 440 Separation Process Design</u> ● <u>ECHE 550 Chemical Process Dynamics and Control</u> ● <u>ECHE 572 Polymer Processing</u> ● <u>EMCH 526 Control Theory in Mechanical Engineering</u> ● <u>EMCH 532 Intermediate Dynamics</u> ● <u>EMCH 554 Intermediate Heat Transfer</u> ● <u>EMCH 560 Intermediate Fluid Mechanics</u> ● <u>MATH 544 Linear Algebra</u> 	

The biomedical engineering electives listing ay include but is not limited to the following courses (courses in bold are to be developed):

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- BMSC 740—Biological Microscopic Imaging
 - ECHE 389—Special Topics in Chemical Engineering
 - EMCH 580—Mechanics of Solid Biomaterials
 - EMCH 792—Cell Mechanics
 - EXSC 535—Biomechanics of Human Movement
 - BMEN 499—Independent Research
 - PSYC—Cognitive Neuroscience
 - Bioreactor Design and Cell Culture Technologies
 - Current Perspectives in Biomedical Industry
 - Design for Biomedical Applications
 - Hydrogels and Their Applications in Biomedical Engineering
 - Immunology for Biomedical Engineers
 - Introduction to Drug Delivery
 - Materials Characterization Techniques in Biomedical Engineering
 - Mechanics of the Cardiovascular System
 - Neurodegenerative DisordersmNeuroscience
 - Principles of Controlled Release Systems for Bioactive Agents
 - Principles of Pathology
 - Tissue Engineering

CHEM 541 Physical Chemistry I
CHEM 541L Physical Chemistry Laboratory
CHEM 542 Physical Chemistry II
CHEM 542L Physical Chemistry Laboratory
CHEM 545 Physical Biochemistry
EXSC 530 Physiology of Muscular Activity
ECHE 300 Chemical Process Principles
ECHE 321 Heat Flow Analysis
ECHE 322 Mass Transfer
ECHE 430 Chemical Engineering Kinetics and Reactor Design
ECHE 440 Separations
ECHE 550 Chemical Process Dynamics and Control
ECHE 572 Polymer Processing
EMCH 516 Control Theory in Mechanical Engineering
EMCH 532 Intermediate Dynamics
EMCH 554 Intermediate Heat Transfer
EMCH 560 Intermediate Fluid Mechanics
CSCE 206 Scientific Applications Programming
CSCE 350 Data Structures and Algorithms
CSCE 555 Algorithms in Bioinformatics
MATH 520 Ordinary Differential Equations
MATH 521 Boundary Value Problems and Partial Differential Equations
MATH 524 Nonlinear Optimization
MATH 526 Numerical Linear Algebra or MATH 544 Linear Algebra
MATH 546 Algebraic Structures I
MATH 547 Algebraic Structures II
MATH 550 Vector Analysis
MATH 552 Applied Complex Variables

Biomedical Engineering Electives (12 Hours)

Students must take 12 credit hours of Biomedical Engineering electives. Of these 12 credit hours, at most 3 credit hours may come from BMEN 499 Independent Research. A listing of acceptable Biomedical Engineering electives is shown below. This list is also available in the Biomedical Engineering Advisement Booklet as well as via a link from the Biomedical Engineering website. In addition, this list is maintained in the Biomedical Engineering office.

BMEN 342 Infectious Disease and Immunology for Biomedical Engineers
BMEN 389 Special Topics in Biomedical

	<p><u>Engineering for Undergraduates</u> <u>May be repeated as course topic varies</u> <u>BMEN 392 Fundamentals of Biochemical Engineering</u> <u>BMEN 499 Independent Research</u> <u>BMEN 546 Delivery of Bioactive Agents</u> <u>BMEN 572 Tissue Engineering</u> <u>BMEN 589 Special Topics in Biomedical Engineering</u> <u>May be repeated as course topic varies</u> <u>Courses topics offered include:</u> <u>BMEN 589A Introduction to Cardiovascular Engineering</u> <u>BMEN 589W Microfluidics and Lab-on-a-chip</u> <u>BMEN 589Y Bio Nano/Micro Electro-Mechanical Systems (BioNEMS/MEMS)</u> <u>EMCH 580 Mechanics of Solid Biomaterials</u> <u>EXSC 535 Biomechanics of Human Movement</u> <u>PSYC 507 Cognitive Neuroscience</u></p>
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New courses

- BMEN 342 Infectious Disease & Immunology for Biomedical Engineers. (3) Qualitative and quantitative aspects of infectious diseases; principles of diagnosis and control. Elements of human immunological response and immune disorders; influence on biomedical engineering of explants and implants. (Prereq: BIOL 101)
- BMEN 392 Fundamentals of Biochemical Engineering. (3) Biological systems are used in chemical industries for a wide variety of applications, including the formation of important products (e.g. pharmaceuticals), sensor technology, degradation, and waste water treatment. This class will provide an overview of materials needed to investigate and model biosystems. (Prereq: CHEM 333)
- BMEN 546 Delivery of Bioactive Agents. (3) Routes of administration; mechanisms of drug absorption and biological barriers; pharmacokinetic modeling of drug distribution; drug excretion and biotransformation; design and evaluation of controlled release systems, targeted release systems, and responsive release systems. (Prereq: MATH 142, BIOL 302, CHEM 333, upper division standing)
- BMEN 572 Tissue Engineering. (3) Molecular basis of bioregenerative engineering; biomaterial design; biocompatibility assessment; cell isolation and characterization; rapid prototyping, scaffold fabrication, and biofabrication; protein and gene delivery; bioreactor design; transport in

biological tissues; applications of tissue engineering in regenerative medicine. (Prereq: upper division standing)

B. Department of Mechanical Engineering

Change in description

- From: EMCH 516 Control Theory in Mechanical Engineering. (3) An introduction to closed-loop control systems; development of concepts, including transfer function, feedback, frequency response, and system stability by examples taken from mechanical engineering practice; control system design methods.
- To: EMCH 516 Control Theory in Mechanical Engineering. (3) An introduction to closed-loop control systems; development of concepts, including transfer function, feedback, frequency response, and system stability by examples taken from mechanical engineering practice; control system design methods. Also an introduction to programmable logic controllers (PLCs).

4. COLLEGE OF HOSPITALITY, RETAIL, AND SPORT MANAGEMENT

A. Hotel, Restaurant, and Tourism

New course

- HRTM 428 Sustainable Foodservice Systems. (3) Factors affecting the food supply in the United States and world. The class will explore the economic, political, legal, and societal forces affecting the distribution system of our food supply. (Prereq: HRTM 228)
Effective: Spring 2012
- HRTM 470 Current Issues in Nutrition. (3) Basic nutrition concepts as a foundation to address nutrition, health trends, concerns, and current nutritional issues in the modern world. (Prereq: HRTM 340)
Effective: Spring 2012
- HRTM 575 Advanced Topics in Wine. (3) A viticultural and enological study of wine and wine regions around the world; from the vineyard to the table including grape varieties, wine regions and wine service. (Prereq: HRTM 475 or permission of instructor)
Effective: Spring 2012
Restriction: students must be 21 years old

Change in course number, cross-listing, prerequisite and addition of Distance

Education Delivery to existing course

- From: HRTM 484 Tourism Information Technology Issues. (3) (Prereq: TSTM 264)
- To: HRTM 584 Tourism Information Technology Issues. [=ITEC 584] (3)
(Prereq: ITEC 264 or equivalent)
Effective: Spring 2012

B. Department of Retailing**Change in title**

- From: RETL 115 Fashion Through the Ages. (3)
 To: RETL 115 Fashion Through the Ages: 3000 B.C. to 1800 A.D. (3)

C. Integrated Information Technology Program**Change in title, cross-listing, description and addition of Distance Education****Delivery to existing course**

- From: ITEC 584 Hospitality and Tourism Technology. (3) Addresses information technology systems impacting hospitality and tourism industries. Topics include electronic markets, reservation systems, knowledge networks, property management, employee tracking systems, and advanced e-tourism systems including mobile smart technologies.
 (Prereq: ITEC 264 or equivalent)
- To: ITEC 584 Tourism Information Technology Issues. [=HRTM 584] (3) Information technologies such as e-commerce, e-marketing, and e-research are examined, critiqued, and applied within a tourism context.
 (Prereq: ITEC 264 or equivalent)
Effective: Spring 2012

5. SCHOOL OF MUSIC**New courses**

- MUSC 571 Digital Audio Technology. (3) A study of the theory and practice of digital audio technology including analog to digital conversion, digital storage, error correction, transmission, basic digital signal processing, and synchronization. (Prereq: MUSC 365, permission of instructor)
- MUSC 572 Advanced Audio Topics. (3) A study of the theory and practice of audio topics such as digital signal processing, psychoacoustics, data compression, sound reinforcement systems, wireless transmission, large scale system integration, and emerging technologies. (Prereq: MUSC 571, permission of instructor)

6. COLLEGE OF NURSING**Change in title, prerequisite and addition of Distance Education Delivery to existing course**

- From: NURS 201 Introduction to Human Genetics for Healthcare Professionals. (3)
 (Prereq: admission into upper-division nursing)
- To: NURS 201 Introduction to Human Genetics: A Clinical Approach and Emphasis. (3)

Change in prerequisite

- From: NURS 216 Biophysical Pathology. (3) (Prereq: CHEM 102, NURS 220, and BIOL 243 or EXSC 223)
- To: NURS 216 Biophysical Pathology. (3) (Prereq: CHEM 102, NURS 220, and BIOL

244 or EXSC 224)

Addition of Distance Education Delivery to existing course

NURS 541 Issues in Women's Health. [=WGST 541] (3)

7. ARNOLD SCHOOL OF PUBLIC HEALTH

A. Department of Environmental Health Sciences

New courses

ENHS 555 Conservation and Health in Marine Systems. [=MSCI 555] (3) Introduces the field of conservation and explores the intersection between conservation and environmental health with a particular focus on coastal and marine case studies.

ENHS 592 Advanced Special Topics in Environmental Health. (1-3) Emerging issues and topics concerning environmental health. May be repeated as content varies by suffix and title up to a total of 9 credit hours.

B. Department of Exercise Science

New courses

EXSC 541 Physiological Basis for Strength and Conditioning. (3) Investigation on the physiological basis for strength and conditioning. Principles of strength and conditioning through lecture based learning, demonstrations, and through laboratory activities.
(Prereq: EXSC 530 with a grade of C or better; or consent of instructor)

EXSC 669 Skeletal Muscle Physiology: Form and Function. (3) Skeletal muscle physiology and exercise through select laboratory experiences and discussion of related research literature. (Prereq: Students must pass EXSC 530 and 530L with a grade of C or better)

Grading System: Standard and Not Auditable

EXSC 695 Writing and Presenting in Research. (3) The research process in Exercise Science through participation, presentation, and discussion of current research. (Prereq: EXSC 224)

8. SYSTEM AFFAIRS AND EXTENDED UNIVERSITY

Palmetto Programs

Addition of Distance Education Delivery to existing courses

ANTH 209 Introduction to Folklore. (3)

ENGL 412 Victorian Literature. (3)

ENGL 422 American Literature 1860-1910. (3)

PSYC 430 Survey of Social Psychology. (3)

SOCY 312 Bureaucracy and Modern Society. (3)

SOCY 340 Social Problems. (3)

SOCY 357 Sociology of Education. (3)