

REPORT: COMMITTEE ON CURRICULA AND COURSES
(For consideration by the Faculty Senate at its November 7, 2012 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 Brian Habing (Statistics) in advance of Faculty Senate meeting if errors are noted, either by phone: 777-3578 or e-mail: habing@stat.sc.edu

1. COLLEGE OF ARTS AND SCIENCES

A. Department of Anthropology

Core designation

ANTH 211 Learning Across Cultures. (3)
 Carolina Core GSS

B. Department of Biological Sciences

Core designation

BIOL 270 Introduction to Environmental Biology. (3)
 Carolina Core SCI

BIOL 270L Introduction to Environmental Biology Laboratory. (1)
 Carolina Core SCI

C. Department of Earth and Ocean Sciences

Core designation

GEOG 103 Introduction to Geography. (3)
 Carolina Core GSS

GEOG 201 Landform Geography. (4)
 Carolina Core SCI

GEOG 202 Weather and Climate. (4)
 Carolina Core SCI

GEOG 210 Peoples, Places, and Environments. (3)
 Carolina Core GSS

D. Department of English

Core designation

ENGL 283 Themes in British Writing. (3)
 Carolina Core AIU

ENGL 286 Poetry. (3)
Carolina Core AIU

ENGL 287 American Literature. (3)
Carolina Core AIU

ENGL 288 English Literature. (3)
Carolina Core AIU

E. Environmental and Sustainability Program

Core designation

ENVR 101 Introduction to the Environment. (3)
Carolina Core SCI

ENVR 101L Introduction to the Environmental Lab. (1)
Carolina Core SCI

F. Department of Geological Sciences

Core designation

GEOL 205 Earth Resources. (3)
Carolina Core SCI

Change in description and core designation

From: GEOL 230 Geology of the National Parks. (3) An examination of the geologic setting and scientific significance of selected National Parks.

To: GEOL 230 Geology of the National Parks. (3) Examination of the geologic setting and scientific significance of selected National Parks.
Carolina Core SCI

G. Department of Languages, Literatures, and Cultures

Change in description and core designation

From: CHIN 121 Elementary Chinese Mandarin. (4) Grammar and practical vocabulary necessary for fundamental communication skills. Assumes no prior experience in the language. Offered only in fall.

To: CHIN 121 Elementary Chinese Mandarin. (4) Grammar and practical vocabulary necessary for fundamental communication skills. Assumes no prior experience in the language.
Carolina Core GFL

From: CHIN 122 Basic Proficiency in Mandarin Chinese. (4) Practice and further development of essential listening, reading, speaking, and writing skills. Admission only by successful completion of Chinese 121. Offered in spring.

To: CHIN 122 Basic Proficiency in Mandarin Chinese. (4) Practice and further development of essential listening, reading, speaking, and writing skills. Admission only by successful completion of Chinese 121.
Carolina Core GFL

Core designation

- LATN 109 Beginning Latin I. (3)
Carolina Core GFL
- LATN 110 Beginning Latin II. (3)
Carolina Core GFL
- LATN 121 Elementary Latin. (4)
Carolina Core GFL
- LATN 122 Basic Proficiency in Latin. (3)
Carolina Core GFL
- RUSS 121 Elementary Russian. (4)
Carolina Core GFL
- RUSS 122 Basic Proficiency in Russian. (4)
Carolina Core GFL
- SPAN 111 Intensive Beginning Spanish. (6)
Carolina Core GFL

H. Department of Physics and Astronomy

Core designation

- PHYS 201 General Physics I. (3)
Carolina Core SCI
- PHYS 201L General Physics Laboratory I. (1)
Carolina Core SCI

I. Department of Political Science

Addition of Distance Education Delivery to Existing Course

- POLI 305 Race, Class, Gender and Sexuality. [=SOCY 304, WGST 304] (4)

J. Department of Sociology

Addition of Distance Education Delivery to Existing Course

- SOCY 304 Race, Class, Gender and Sexuality. [=POLI 305, WGST 304] (4)

K. Department of Statistics

Change in description

- From: STAT 110 Introduction to Statistical Reasoning. (3) A course in statistical literacy. Topics include data sources and sampling, concepts of experimental design, graphical and numerical data description, measuring association for continuous and categorical variables, introduction to probability and statistical inference, and use of appropriate software.

To: STAT 110 Introduction to Statistical Reasoning. (3) A course in statistical literacy. Topics include data sources and sampling, concepts of experimental design, graphical and numerical data description, measuring association for continuous and categorical variables, introduction to probability and statistical inference, and use of appropriate software. Credit given for only STAT 110 or STAT 112.

New course and core designation

STAT 112 Statistics and the Media. (3) Statistical and information literacy. Experimental and survey design; descriptive statistics; basic probability; simple confidence intervals and hypothesis tests; statistical software; collection, management, and evaluation of information; and presentation of statistics in the media. Credit given for only STAT 110 or STAT 112.
Carolina Core ARP and INF

L. Women’s and Gender Studies Program

Addition of Distance Education Delivery to Existing Course

WGST 304 Race, Class, Gender and Sexuality. [=POLI 305, SOCY 304] (4)

2. MOORE SCHOOL OF BUSINESS

Department of Accounting

Change in curriculum. Website 2012-2013 Bulletin – Minor – Accounting

<u>Current</u>	<u>Proposed</u>
<p>6. Directed General Education Course Work (non-BA) (minimum of 18 Hours)</p> <hr/> <p>Directed non-BA course work may be selected from a University-wide list of approved minors. The minor is normally a minimum of 18 hours of prescribed courses in one subject area. Students not selecting such a minor may submit an alternative program of study to satisfy the non-BA approved course work. The proposed alternative program of study must be approved by the Undergraduate Program Executive Committee. All minor courses or courses approved as alternatives must be passed with a grade of C or better.</p>	<p>6. <u>Minor or Directed Coursework</u> (minimum of 18 hours)</p> <p><u>Minors (non-BA)</u> may be selected from a University-wide list of approved minors. The minor is normally a minimum of 18 hours of prescribed courses in one subject area. Students not selecting such a minor may submit an alternative program of study to satisfy the non-BA approved coursework.</p> <p><u>As part of the alternative program of study, students enrolled in the School of Accounting may select an optional cognate in Finance to support the coursework in their major. All alternative programs of study are subject to approval by the Undergraduate Program Faculty Committee in coordination with the Undergraduate Division.</u> All minor courses, <u>cognates</u>, or courses approved as alternatives must be passed with a grade of C or better.</p>

3. COLLEGE OF EDUCATION

Department of Educational Studies

Additional of Distance Education Delivery to Existing Course

EDEX 530 Introduction to Early Childhood Special Education. (3)

4. COLLEGE OF ENGINEERING AND COMPUTING

A. Department of Computer Science and Engineering

Change in curriculum. Website 2012-2013 Bulletin – Minor – Computer Science and

Engineering

<u>Current</u>	<u>Proposed</u>
<p>Required Hours for the Minor: 20</p> <p>Required Courses (11 Hours) CSCE 145 - Algorithmic Design I CSCE 146 - Algorithmic Design II CSCE 212 – Introduction to Computer Architecture</p> <p>Advanced Courses (9 Hours) Choose any two CSCE courses at the 300 level or above with the exception of CSCE 500. Some of these courses have MATH or STAT prerequisites that are not listed. Recommended tracks are listed below. Each track has one course that is required. Some of the tracks have choices for the 2 remaining courses. Others have specific course requirements.</p> <p>Artificial Intelligence Track CSCE 245 – Object Oriented Programming Techniques (Required) CSCE 350 – Data Structures and Algorithms CSCE 580 – Artificial Intelligence</p> <p>Database Track CSCE 245 – Object Oriented Programming Techniques (Required) Choose two of the following: CSCE 311 – Operating Systems CSCE 330 – Programming Language Structures CSCE 520 – Database System Design</p> <p>Hardware Track CSCE 211 – Digital Logic Design (Required) CSCE 313 – Embedded Systems CSCE 513 – Computer Architecture</p> <p>Programming Languages Track</p>	<p>Required Hours for the Minor: 20</p> <p>Required <u>Foundation</u> Courses (8 hours): CSCE 145 Algorithmic Design I (4) CSCE 146 Algorithmic Design II (4)</p> <p><u>Intermediate Level Courses – Two of the Following Courses (6 hours):</u></p> <p><u>Note that CSCE 211 is a prerequisite for CSCE 212 and that CSCE 210 is a less intensive introduction to computer hardware than the CSCE 211/212 sequence.</u></p> <p><u>CSCE 210 – Computer Hardware Foundations (3)</u> <u>CSCE 240 – Introduction to Software Engineering (3)</u> <u>CSCE 242 – Client-Server Computing (3)</u> <u>CSCE 211 – Digital Logic Design (3)</u> <u>CSCE 212 – Introduction to Computer Architecture (3)</u></p> <p><u>Advanced Level Courses – Two CSCE courses at the 300 level or above (6 hours):</u> <u>CSCE 500 is intended primarily for graduate students and may not be used for the minor.</u></p> <p><u>Note that the advanced CSCE courses have different CSCE prerequisites and that some have MATH or STAT prerequisites as well. MATH 374 is a prerequisite for many upper CSCE courses and is highly recommended. STAT 509 is a prerequisite for the Decision Support System sequence.</u></p> <p><u>The following sequences are offered as suggestions for students interested in particular areas within computing. The recommended intermediate level courses are given for each. Courses which are cross-listed with other departments may not be counted as minor courses if they are used as major courses.</u></p>

<p>CSCE 245—Object Oriented Programming Techniques (Required) CSCE 330—Programming Language Structures CSCE 531—Compiler Construction</p> <p>Scientific Computing Track CSCE 245—Object Oriented Programming Techniques (Required) CSCE 564—Computational Science CSCE 567—Visualization Tools</p> <p>Systems Programming Track CSCE 245—Object Oriented Programming Techniques (Required) Choose two of the following: CSCE 311—Operating Systems CSCE 510—System Programming CSCE 547—Windows Programming</p> <p>Theory of Computation Track CSCE 245—Object Oriented Programming Techniques (Required) Choose two of the following: CSCE 350—Data Structures and Algorithms CSCE 355—Foundations of Computation CSCE 551—Theory of Computation</p>	<p><u>Artificial Intelligence (CSCE 240):</u> <u>CSCE 350 – Data Structures and Algorithms (3)</u> <u>CSCE 580 – Artificial Intelligence (3)</u></p> <p><u>Computer Games (CSCE 240):</u> <u>CSCE 350 – Data Structures and Algorithms (3)</u> <u>CSCE 552 – Computer Game Development (3)</u></p> <p><u>Databases (CSCE 240):</u> <u>CSCE 520 – Database System Design (3)</u> <u>CSCE 522 – Information Security Principles (3)</u></p> <p><u>Decision Support Systems (CSCE 240):</u> <u>CSCE 350 – Data Structures and Algorithms (3)</u> <u>CSCE 582 – Bayesian Networks and Decision Graphs (3)</u></p> <p><u>Hardware (CSCE 211, 212):</u> <u>CSCE 313 – Embedded Systems Laboratory (3)</u> <u>CSCE 513 – Computer Architecture (3)</u></p> <p><u>Networks (CSCE 240 and either 210 or 212):</u> <u>CSCE 311 – Operating Systems (3)</u> <u>CSCE 416 – Introduction to Computer Networks (3)</u></p> <p><u>Programming Languages (CSCE 212, 240):</u> <u>CSCE 330 – Programming Language Structures (3)</u> <u>CSCE 531 – Compiler Construction (3)</u></p> <p><u>Security (CSCE 240 and either 210 or 212):</u> <u>CSCE 311 – Operating Systems (3)</u> <u>CSCE 522 – Information Security Principles (3)</u></p> <p><u>Service Oriented Computing (CSCE 240 and either 210 or 212):</u> <u>CSCE 311 – Operating Systems (3)</u> <u>CSCE 526 – Service Oriented Computing (3)</u></p> <p><u>Scientific Computing (CSCE 146):</u> <u>CSCE 564 – Computational Science (3)</u> <u>CSCE 567 – Visualization Tools (3)</u></p> <p><u>Systems Programming (UNIX) (CSCE 240 and either 210 or 212):</u> <u>CSCE 311 – Operating Systems (3)</u> <u>CSCE 510 – Systems Programming (3)</u></p> <p><u>Theory of Computation (CSCE 211, 212):</u> <u>CSCE 350 – Data Structures and Algorithms (3)</u> <u>CSCE 355 – Foundations of Computation (3)</u></p>
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Majors in Mathematics may substitute CSCE 551 (Theory of Computation) for CSCE 355, but may not count it as both a major course and a minor course.

Change in curriculum. Website 2012-2013 Bulletin – Computer Engineering, B.S.E. –

Carolina Core

Current

Degree Requirements (125 Hours)
Major Requirements (88 Hours)

(9 Hours)

ENGL 101 - Critical Reading and Composition

ENGL 102 - Rhetoric and Composition

Select from:

ENGL 462 - Technical Writing

ENGL 463 - Business Writing

(3 Hours)

SPCH 140 - Public Communication

Liberal Arts (9 Hours)

(20 Hours)

MATH 141 - Calculus I

MATH 142 - Calculus II

MATH 241 - Vector Calculus

MATH 242 - Elementary Differential Equations

MATH 374 - Discrete Structures

Mathematics elective (3 Hours)

(3 Hours)

STAT 509 - Statistics for Engineers

(4 Hours)

CHEM 111 - General Chemistry I

(8 Hours)

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

(41 Hours)

CSCE 145 - Algorithmic Design I

CSCE 146 - Algorithmic Design II

CSCE 190 - Computing in the Modern World

CSCE 211 - Digital Logic Design

CSCE 212 - Introduction to Computer Architecture

Proposed

Degree Requirements (125 Hours)

Major Requirements (88 Hours)

AIU: Aesthetic and Interpretive Understanding (3 hours). Any approved Carolina Core AIU course.

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

MATH 141 - Calculus I

MATH 142 - Calculus II

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

ENGL 101 - Critical Reading and Composition

ENGL 102 - Rhetoric and Composition

GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours) Any approved Carolina Core GSS course.

GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours) Any approved Carolina Core GHS course.

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

Any approved Carolina Core course(s) for GFL or score of two or better on foreign language placement test.

SCI: Scientific Literacy (8 hours)

CHEM 111 - General Chemistry I

PHYS 211 - Essentials of Physics I

PHYS 211L - Essentials of Physics I Lab

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

SPCH 140 - Public Communication

INF: Information Literacy (0-3 hours)

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

<p>CSCE 215 - UNIX/Linux Fundamentals CSCE 240 - Introduction to Software Engineering CSCE 311 - Operating Systems CSCE 313 - Embedded Systems CSCE 317 - Computer Systems Engineering CSCE 350 - Data Structures and Algorithms CSCE 374 - Robotic Applications and Design CSCE 390 - Professional Issues in Computer Science and Engineering CSCE 416 - Introduction to Computer Networks CSCE 611 - Advanced Digital Design</p> <p>(12 Hours) ELCT 102 - Electrical Science ELCT 221 - Circuits ELCT 222 - Signals and Systems ELCT 371 - Electronics</p> <p>(7 Hours) ENCP 481 - Project Management ENCP 491 - Capstone Design Project I ENCP 492 - Capstone Design Project II</p> <p>Major electives (9 Hours)</p> <p>Notes: The liberal arts courses must include at least one history course, one fine arts course, and one social science course. The department maintains a list of approved humanities and social science electives.</p> <p>The math elective is satisfied with MATH 526 or 527 or 544 or CSCE 561. Other courses in linear algebra or numerical analysis may be substituted with permission of the department.</p> <p>The department maintains a list of approved major electives for the computer engineering degree. Currently, CSCE 330, CSCE 335, ELCT 321, ELCT 331, and most CSCE courses numbered 510 and higher are approved. CSCE 561 satisfies the requirement as either a major elective or as a mathematics elective.</p>	<p>VSR: Values, Ethics, and Social Responsibility (1 hour) Any approved overlay or stand-alone Carolina Core VSR course.</p> <p>Other Required General Education Courses</p> <p>(3 Hours) One of the following two courses: ENGL 462 - Technical Writing ENGL 463 - Business Writing</p> <p>(12 Hours) MATH 241 - Vector Calculus MATH 242 - Elementary Differential Equations MATH 374 - Discrete Structures Mathematics elective (3 Hours)</p> <p>(3 Hours) STAT 509 - Statistics for Engineers</p> <p>(4 Hours) PHYS 212 - Essentials of Physics II PHYS 212L - Essentials of Physics II Lab</p> <p>(8 Hours) CSCE 145 - Algorithmic Design I CSCE 146 - Algorithmic Design II</p> <p>Required Courses in the Major</p> <p>(32 Hours) CSCE 190 - Computing in the Modern World CSCE 211 - Digital Logic Design CSCE 212 - Introduction to Computer Architecture CSCE 215 - UNIX/Linux Fundamentals CSCE 240 - Introduction to Software Engineering CSCE 311 - Operating Systems CSCE 313 - Embedded Systems CSCE 317 - Computer Systems Engineering CSCE 350 - Data Structures and Algorithms CSCE 374 - Robotic Applications and Design CSCE 416 - Introduction to Computer Networks CSCE 611 - Advanced Digital Design</p> <p>(12 Hours) ELCT 102 - Electrical Science ELCT 221 - Circuits ELCT 222 - Signals and Systems ELCT 371 - Electronics</p>
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	<p>(7 Hours) ENCP 481 - Project Management ENCP 491 - Capstone Design Project I ENCP 492 - Capstone Design Project II</p> <p>Major electives (9 Hours)</p> <p>Notes:</p> <p>1 - The math elective is satisfied with MATH 526 or 527 or 544 or CSCE 561. Other courses in linear algebra or numerical analysis may be substituted with permission of the department.</p> <p>2 - The department maintains a list of approved major electives for the computer engineering degree. Currently, CSCE 330, CSCE 355, ELCT 321, ELCT 331, and most CSCE courses numbered 510 and higher are approved. CSCE 561 satisfies the requirement as either a major elective or as a mathematics elective.</p>
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Change in curriculum. Website 2012-2013 Bulletin – Computer Information Systems, B.S. –

Carolina Core

<u>Current</u>	<u>Proposed</u>
<p>Degree Requirements (123 Hours) Major Requirements (53 Hours)</p> <p>(9 Hours) ENGL 101 - Critical Reading and Composition ENGL 102 - Rhetoric and Composition Select from: ENGL 462 - Technical Writing ENGL 463 - Business Writing</p> <p>(3 Hours) SPCH 140 - Public Communication</p> <p>Liberal Arts (18 Hours)</p> <p>(11 Hours) MATH 141 - Calculus I MATH 142 - Calculus II MATH 374 - Discrete Structures</p> <p>(3 Hours) STAT 509 - Statistics for Engineers</p>	<p>Degree Requirements (123 Hours) Major Requirements (53 Hours)</p> <p>AIU: Aesthetic and Interpretive Understanding (3 hours). Any approved Carolina Core AIU course.</p> <p>ARP: Analytical Reasoning and Problem-Solving (8 hours) MATH 141 - Calculus I MATH 142 - Calculus II</p> <p>CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours) ENGL 101 - Critical Reading and Composition ENGL 102 - Rhetoric and Composition</p> <p>GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours) Any approved Carolina Core GSS course.</p> <p>GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours) Any approved Carolina Core GHS course.</p>

<p>Laboratory Sciences (8 Hours including two labs)</p> <p>(41 Hours)</p> <p>CSCE 145 - Algorithmic Design I CSCE 146 - Algorithmic Design II CSCE 190 - Computing in the Modern World CSCE 210 - Computer Hardware Foundations CSCE 215 - UNIX/Linux Fundamentals CSCE 240 - Introduction to Software Engineering CSCE 311 - Operating Systems CSCE 350 - Data Structures and Algorithms CSCE 390 - Professional Issues in Computer Science and Engineering CSCE 416 - Introduction to Computer Networks CSCE 490 - Capstone Software Engineering Project I CSCE 492 - Capstone Software Engineering Project II CSCE 520 - Database System Design CSCE 522 - Information Security Principles</p> <p>Lower Division Elective (3 Hours)</p> <p>Major elective/CSCE course numbered above 500 (3 Hours)</p> <p>Minor in Business Information Management including: MGSC 390 - Business Information Systems MGSC 490 - Information Systems Analysis and Design MGSC 590 - Information Systems Development ACCT 222 - Introduction to Accounting ECON 224 - Introduction to Economics MKTG 350 - Principles of Marketing MGMT 371 - Principles of Management FINA 301 - Money and Banking</p> <p>Notes:</p> <p>1. The liberal arts courses must include at least one history course, one fine arts course, and one social or behavioral science course. The department maintains a list of approved humanities and social or behavioral science electives.</p> <p>2. The lower division elective is a 200-level application-oriented CSCE course. The department maintains a list of approved electives.</p>	<p>GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-8 hours) Any approved Carolina Core course(s) for GFL or score of two or better on foreign language placement test.</p> <p>SCI: Scientific Literacy (8 hours) Any approved Carolina Core SCI courses, must include two labs.</p> <p>CMS: Effective, Engaged, and Persuasive Communication: Spoken Component (3 hours) SPCH 140 - Public Communication</p> <p>INF: Information Literacy (0-3 hours) Any approved overlay or stand-alone Carolina Core INF course.</p> <p>VSR: Values, Ethics, and Social Responsibility (1 hour) Any approved overlay or stand-alone Carolina Core VSR course.</p> <p>Other Required General Education Courses</p> <p>(3 Hours) One of the following two courses: ENGL 462 - Technical Writing ENGL 463 - Business Writing</p> <p>Liberal Arts (9 Hours)</p> <p>(3 Hours) MATH 374 - Discrete Structures</p> <p>(3 Hours) STAT 509 - Statistics for Engineers</p> <p>(8 Hours) CSCE 145 - Algorithmic Design I CSCE 146 - Algorithmic Design II</p> <p>Required Courses in the Major</p> <p>(40 Hours) CSCE 190 - Computing in the Modern World CSCE 210 - Computer Hardware Foundations CSCE 215 - UNIX/Linux Fundamentals CSCE 240 - Introduction to Software Engineering CSCE 311 - Operating Systems CSCE 350 - Data Structures and Algorithms</p>
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	<p>CSCE 390 - Professional Issues in Computer Science and Engineering</p> <p>CSCE 416 - Introduction to Computer Networks</p> <p>CSCE 490 - Capstone Software Engineering Project I</p> <p>CSCE 492 - Capstone Software Engineering Project II</p> <p>CSCE 520 - Database System Design</p> <p>CSCE 522 - Information Security Principles</p> <p>Lower Division Elective (3 Hours) The lower division elective is a 200-level application-oriented CSCE course. The department maintains a list of approved electives.</p> <p>Major elective/CSCE course numbered above 500 (3 Hours)</p> <p>Minor in Business Information Management including: MGSC 390 - Business Information Systems MGSC 490 - Information Systems Analysis and Design MGSC 590 - Information Systems Development ACCT 222 - Introduction to Accounting ECON 224 - Introduction to Economics MKTG 350 - Principles of Marketing MGMT 371 - Principles of Management FINA 301 - Money and Banking</p>
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Change in curriculum. Website 2012-2013 Bulletin – Computer Science, B.S.C.S. – Carolina

Core

<u>Current</u>	<u>Proposed</u>
<p>Degree Requirements (125 Hours) Major Requirements (79 Hours)</p> <p>(9 Hours) ENGL 101 - Critical Reading and Composition ENGL 102 - Rhetoric and Composition Select from: ENGL 462 - Technical Writing ENGL 463 - Business Writing</p> <p>(3 Hours) SPCH 140 - Public Communication</p> <p>Liberal Arts (18 Hours)</p> <p>(18 Hours) MATH 141 - Calculus I MATH 142 - Calculus II</p>	<p>Degree Requirements (125 Hours) Major Requirements (79 Hours)</p> <p>AIU: Aesthetic and Interpretive Understanding (3 hours). Any approved Carolina Core AIU course.</p> <p>ARP: Analytical Reasoning and Problem-Solving (8 hours) MATH 141 - Calculus I MATH 142 - Calculus II</p> <p>CMW: Effective, Engaged, and Persuasive Communication: Written Component (6 hours) ENGL 101 - Critical Reading and Composition ENGL 102 - Rhetoric and Composition</p> <p>GSS: Global Citizenship and Multicultural Understanding: Social Sciences (3 hours) Any</p>

<p>MATH 241 - Vector Calculus MATH 374 - Discrete Structures MATH 526 - Numerical Linear Algebra</p> <p>(3 Hours) STAT 509 - Statistics for Engineers</p> <p>Laboratory Sciences (12 Hours)</p> <p>(41 Hours) CSCE 145 - Algorithmic Design I CSCE 146 - Algorithmic Design II CSCE 190 - Computing in the Modern World CSCE 211 - Digital Logic Design CSCE 212 - Introduction to Computer Architecture CSCE 215 - UNIX/Linux Fundamentals CSCE 240 - Introduction to Software Engineering CSCE 311 - Operating Systems CSCE 330 - Programming Language Structures CSCE 350 - Data Structures and Algorithms CSCE 355 - Foundations of Computation CSCE 390 - Professional Issues in Computer Science and Engineering CSCE 416 - Introduction to Computer Networks CSCE 490 - Capstone Software Engineering Project I CSCE 492 - Capstone Software Engineering Project II</p> <p>Lower Division Elective (3 Hours)</p> <p>Major Electives (9 Hours) CSCE 317 - Computer Systems Engineering Courses numbered above 500</p> <p>Application Area (9 Hours)</p> <p>Notes:</p> <ol style="list-style-type: none"> 1. The liberal arts courses must include at least one history course, one fine arts course, and one social or behavioral science course. The department maintains a list of approved liberal arts electives. 2. The lower division elective is a 200-level application-oriented CSCE course. The department maintains a list of approved electives. 3. The laboratory sciences must include either CHEM 111 and 112 or PHYS 211, 211L, 212, and 212L for 8 hours. The department maintains a list of other approved laboratory sciences for the remaining 4 hours. 	<p>approved Carolina Core GSS course.</p> <p>GHS: Global Citizenship and Multicultural Understanding: Historical Thinking (3 hours) Any approved Carolina Core GHS course.</p> <p>GFL: Global Citizenship and Multicultural Understanding: Foreign Language (0-8 hours) Any approved Carolina Core course(s) for GFL or score of two or better on foreign language placement test.</p> <p>SCI: Scientific Literacy (8 hours) Either both CHEM 111 - General Chemistry I CHEM 112 - General Chemistry II or all of 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</p> <p>CMS: Effective, Engaged, and Persuasive Communication: Spoken Component (3 hours) SPCH 140 - Public Communication</p> <p>INF: Information Literacy (0-3 hours) Any approved overlay or stand-alone Carolina Core INF course.</p> <p>VSR: Values, Ethics, and Social Responsibility (1 hour) Any approved overlay or stand-alone Carolina Core VSR course.</p> <p>Other Required General Education Courses</p> <p>(3 Hours) One of the following two courses: ENGL 462 - Technical Writing ENGL 463 - Business Writing</p> <p>Liberal Arts (9 Hours)</p> <p>(10 Hours) MATH 241 - Vector Calculus MATH 374 - Discrete Structures MATH 526 - Numerical Linear Algebra</p> <p>(3 Hours) STAT 509 - Statistics for Engineers</p>
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New course with Distance Education Delivery

CSCE 415 Mainframe Systems. [=ITEC 475](3) Introduction to the large scale computer systems used by businesses to support thousands of simultaneous users and process millions of transactions. (Prereq: Professional division standing in ITEC, upper division standing in CSCE, or permission of the instructor)

B. Department of Mechanical Engineering

Change in curriculum. Website 2012-2013 Bulletin – Minor – Aerospace Engineering

<u>Current</u>	<u>Proposed</u>
NA	<p>Aerospace Engineering Minor</p> <p>A student may obtain a minor in aerospace engineering by completing at least 18 credit hours consisting of three core courses and three approved elective courses.</p> <p>I. Core Aerospace Courses (9 Hours) Must take the two following: EMCH 577: Aerospace Structures I EMCH 578: Introduction to Aerodynamics</p> <p>Choice of one of the following: EMCH 508: Finite Element Analysis in Mechanical Engineering EMCH 585: Introduction to Composite Materials</p> <p>II. Elective Aerospace Courses (9 Hours) Must take at least three additional courses from the following:</p> <p>EMCH 508: Finite Element Analysis in Mechanical Engineering EMCH 516: Control Theory in Mechanical Engineering EMCH 522: Design For Manufacturability & Assembly EMCH 532: Intermediate Dynamics EMCH 544: Compressible Flows EMCH 554: Intermediate Heat Transfer EMCH 560: Intermediate Fluid Mechanics EMCH 571: Mechanical Behavior of Materials EMCH 575: Adaptive Material Systems and Structures EMCH 584: Advanced Mechanics of Materials EMCH 585: Introduction to Composite Materials EMCH 592: Introduction to Combustion</p>

5. COLLEGE OF HOSPITALITY, RETAIL, AND SPORT MANAGEMENT

A. Integrated Information Technology Program

Addition of cross-listing and Distance Education Delivery

From: ITEC 475 Mainframe Systems. (3)

To: ITEC 475 Mainframe Systems. [=CSCE 415] (3)

B. Department of Retailing

Change in designator

From: RETL 344 Personnel Organization and Supervision. (3)

To: HRTM 344 Personnel Organization and Supervision. (3)

Change in title and description

From: RETL 388 Contemporary Trends in Fashion. (3) Fashion show production, trend analysis, and fashion products.

To: RETL 388 Fashion Forecasting. (3) Forecasting fashion trends to impact retail merchandising performance.

D. Department of Sport and Entertainment Management

Change in curriculum. Website 2012-2013 Bulletin – General Education Requirements –

Carolina Core

<u>Current</u>	<u>Proposed</u>
Sport and Entertainment Management, B.S.	Sport and Entertainment Management, B.S.
Learning Outcomes Department of Sport and Entertainment Management	Learning Outcomes Department of Sport and Entertainment Management
Curriculum College of Hospitality, Retail, and Sport Management	Curriculum College of Hospitality, Retail, and Sport Management
	<u>Overview</u>
	<u>The Sport and Entertainment Management (SPTE) Department at the University of South Carolina prepares students for a variety of managerial positions in the sport and entertainment industry.</u>
	<u>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.</u>
	<u>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</u>

Learning Outcomes

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.

Curriculum

Progression Requirements

Students seeking professional division status must fulfill the department's 45 credit-hour progression requirement and that of the college. A minimum grade point average of 2.75 must be achieved. Students not meeting the specific course, semester hour, grade point average, and practicum requirements for progression must continue in the pre-professional division or change to another major. A minimum grade of C is required in English 101, 102 and all departmental courses used to satisfy major or professional area requirements. Graduation requires a 2.75 minimum GPA.

confidence to assume leadership positions.

Learning Outcomes

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.

Degree Requirements (127 Hours)

- Carolina Core Courses
- College of HRSM Required Courses
- Related Coursework
- Major Coursework
- Free Electives

Curriculum Requirements

Progression Requirements

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.

1. Curriculum for the Preprofessional Division (45 Hours)

General Education (12 Hours)

English

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

Mathematics

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

Sport and Entertainment Management Courses (15 Hours)

- SPTE 201 - Introduction to Sport Management
- SPTE 274 - Computer Applications in Sport and Entertainment Management
- SPTE 295 - Practicum
- One SPTE elective

Other Courses (18 Hours)

- ECON 224 - Introduction to Economics
- RETL 261 - Functional Accounting I
- RETL 262 - Functional Accounting II
- MKTG 350 - Principles of Marketing
- MGMT 371 - Principles of Management
- SPCH 140 - Public Communication

Pre-Professional courses include the following:

- Carolina Core Courses within the CMW, ARP and CMS areas
- Pre-Professional College Required Courses
- Pre-Professional Related Courses
- Pre-Professional Major Courses

Course Grade Requirements

Students in this major must receive a C or better in the following courses:

- The CMW Carolina Core Courses
- All SPTE Major Courses
- All SPTE Major Elective Courses
- All Related Coursework

Graduation requires a 2.75 GPA. In order to satisfy the requirements for a degree in Sport and Entertainment Management.

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.

B.S. with Distinction

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.

Prerequisites:

A minimum GPA of 3.50 in major courses, 3.30 overall.

Three courses in addition to the major

2. Restricted Courses

The following courses are restricted to students enrolled in the professional division of the Department of Sport and Entertainment Management or those students who receive special permission of the department chair:

- ~~SPT~~ SPT 440 – Sport and Entertainment Business and Finance
- ~~SPT~~ SPT 444 – Sport and Entertainment Event Management
- ~~SPT~~ SPT 495 – Internship in Sport and Entertainment Management
- ~~All 500-level and above courses~~

Note:

~~Only students admitted to the professional division of sport and entertainment management will be allowed to enroll for more than 18 credit hours of SPT course work.~~

3. Graduation Requirement

~~In addition to meeting all specific academic degree requirements, students must have a cumulative GPA of 2.75 on all USC work attempted in order to receive a degree in sport and entertainment management.~~

Degree Requirements (127 Hours)

1. General Education Requirements (46 Hours)

English (12 Hours)

requirements:

- SPT 580 - Business Principles in Sport Management.
- SPT 498 - Research Experience
- SPT 499 - Senior Thesis

Additional Requirements

Presentation of the senior thesis in an appropriate venue (SEVT, USC Discovery Day, IAVM research session, NASSM, CSRI).

A written sponsorship agreement from the faculty mentor will be placed on file in the department office.

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.

1. **Carolina Core General Education Requirements and General Education Requirements (31-43 Credit Hours)**

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

Select from one of the following:

- ENGL 282 – Fiction
- ENGL 283 – Themes in British Writing
- ENGL 284 – Drama
- ENGL 285 – Themes in American Writing
- ENGL 286 – Poetry

Select from one of the following:

- ENGL 463 – Business Writing
- ITEC 242 – Business Communications

Humanities and Social Sciences (21 Hours)

Seven courses with a maximum of two courses in each field.

Courses must include:

a. Public Communication

- SPCH 140 – Public Communication

b. Fine Arts

Select one of the following:

- ARTH 105 – History of Western Art
- ARTH 106 – History of Western Art
- ARTE 101 – Introduction to Art
- MUSC 110 – Introduction to Music

Sport and Entertainment Management 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: Written Component (6 Hours)

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

ARP: Analytical Reasoning & Problem Solving (6 - 7 Hours)

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

SCI: Scientific Literacy (7 hours)

- Two approved Carolina Core SCI courses, including at least 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 110 or 121. See list of approved Carolina Core GFL courses.

GHS: Global Citizenship and Multicultural

e. History

At least one course in history.

Foreign Languages

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 two or better on a USC foreign language proficiency test. Those failing to do so must satisfactorily complete equivalent study of foreign language at USC.

Mathematics and Sciences (13 Hours)

Six hours in business calculus and statistics are required:

- MATH 122 – Calculus for Business Administration and Social Sciences or higher
- STAT 201 – Elementary Statistics

Two courses (one of which must have a laboratory) from the following sciences (7 Hours):

**Astronomy (ASTR),
Biology (BIOL),
Chemistry (CHEM),
Geological Sciences (GEOL),
Marine Science (MSCI),
Physics (PHYS)**

2. Major Requirements (66 Hours)

Understanding/Historical Thinking (3 hours)

- Any approved Carolina Core GHS course.

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

- Any approved Carolina Core GSS course.

AIU: Aesthetic and Interpretive Understanding (3 hours)

- Any approved Carolina Core AIU course.

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

- SPCH 140 - Public Communication

INF: Information Literacy

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

VSR: Values, Ethics and Social Responsibility

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

2. College of HRSM Required Courses (21 credit hours)

Pre-Professional Division College Required Courses (9 Hours)

- RETL 261 - Functional Accounting I
- RETL 262 - Functional Accounting II
- SPTE 274 – Computer Applications in SPTE

Fundamental Knowledge (27 Hours)

Business Administration

- MKTG 350 - Principles of Marketing
- FINA 363 - Introduction to Finance
- MGMT 371 - Principles of Management
- ECON 224 - Introduction to Economics

Hospitality, Retail, and Sport Management

- HRSM 301 - HRSM Professional Development Seminar
- RETL 261 - Functional Accounting I
- RETL 262 - Functional Accounting II
- RETL 344 - Personnel Organization and Supervision
- ITEC 240 - Business Law

Sport and Entertainment Management and Professional Specialization Course Work (39 Hours)

- SPTE 201 - Introduction to Sport Management
- SPTE 274 - Computer Applications in Sport and Entertainment Management
- SPTE 295 - Practicum
- SPTE 380 - Sport and Entertainment Marketing
- SPTE 440 - Sport and Entertainment Business and Finance
- SPTE 444 - Sport and Entertainment Event Management
- SPTE 495 - Internship in Sport and Entertainment Management

Four of the following courses with advisor's consent:

- SPTE 110 - Sport and Entertainment in American Life

College Required Course (12 Hours)

- ITEC 240 - Business Law
- ITEC 242 - Business Communications or ENGL 463 - Business Writing
- RETL 344 - Personnel Organization and Supervision
- HRSM 301 - HRSM Professional Development Seminar

- ~~SPTTE 202 – Introduction to Live Entertainment Management~~
- ~~SPTTE 305 – The Business of NASCAR~~
- ~~SPTTE 310 – Collegiate Athletics~~
- ~~SPTTE 315 – NCAA Compliance~~
- ~~SPTTE 325 – Resort and Club Recreation Programming~~
- ~~SPTTE 340 – The Sporting Goods Industry.~~
- ~~SPTTE 376 – Risk Management in Sport and Entertainment~~
- ~~SPTTE 385 – Ethics in Sport and Entertainment Business~~
- ~~SPTTE 399 – Independent Study~~
- ~~SPTTE 430 – Sport and Entertainment Services Marketing~~
- ~~SPTTE 435 – Spectator Facilities Management~~
- ~~SPTTE 450 – Sales in Sport and Entertainment Business~~
- ~~SPTTE 490 – Special Topics in Sport and Entertainment Management~~
- ~~SPTTE 320 – Sport and the Law~~
- ~~SPTTE 580 – Business Principles in Sport Management.~~
- ~~SPTTE 635 – Sport and Entertainment Event Development~~
- ~~SPTTE 650 – Integrated Marketing Communication in Sport and Entertainment~~
- ~~JOUR 458 – Creative Strategy in Advertising~~

3. General Electives with Consent of Advisor (15 Hours)

B.S. with Distinction

Departmental Undergraduate Research Track 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.

Prerequisites:

3. Related Coursework (12 Credit Hours):

Pre-Professional Related Coursework (9 Credit Hours)

- ECON 224 Introduction to Economics
- MGMT 371 Principles of Management
- MKTG 350 Principles of Marketing

Other Related Coursework (3 Credit Hours)

- FINA 363 Introduction to Finance

4. Major Area Coursework (36 Credit Hours)

Pre-Professional Division Major Courses (12 Credit Hours)

- SPTTE 201 – Introduction in to Sport Management
- SPTTE 295 – Practicum*

A minimum GPA of 3.50 in major courses, 3.30 overall

Three courses in addition to the major requirements:

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- SPT 580 - Business Principles in Sport Management.
 - SPT 498 - Research Experience
 - SPT 499 - Senior Thesis

Additional Requirements

Presentation of the senior thesis in an appropriate venue (SEUT, USC Discovery Day, IAAM research session, NASSM, CSRI).

A written sponsorship agreement from the faculty mentor will be placed on file in the department office.

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.

- SPT Elective**

* SPT 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 SPT 295.

Professional Division Major Courses (24 Credit Hours)

- SPT 380 - Sport and Entertainment Marketing
- SPT 440 - Sport and Entertainment Business and Finance
- SPT 444 - Sport and Entertainment Event Management
- SPT 495 - Internship in Sport and Entertainment Management
- 3 SPT Electives**

5. Free Electives (15-27 Hours)

The SPT 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 SPT advisor (including additional electives in the major).

****Major Electives which may be used as Free Electives include the following courses with advisor's consent:**

- SPT 110 - Sport and Entertainment in American Life
- SPT 202 - Introduction to Live Entertainment Management
- SPT 203 - Introduction to Event and Venue Management
- SPT 302 - Artist Representation and Management

	<ul style="list-style-type: none"> • <u>SPTE 303 - Live Entertainment Tour Management</u> • <u>SPTE 305 - The Business of NASCAR</u> • <u>SPTE 310 - Collegiate Athletics</u> • <u>SPTE 315 - NCAA Compliance</u> • <u>SPTE 320 - Sport and the Law</u> • <u>SPTE 325 - Resort and Club Recreation Programming</u> • <u>SPTE 342 - Sport and Entertainment Contracts and Negotiations</u> • <u>SPTE 340 - The Sporting Goods Industry.</u> • <u>SPTE 376 - Risk Management in Sport and Entertainment</u> • <u>SPTE 385 - Ethics in Sport and Entertainment Business</u> • <u>SPTE 399 - Independent Study</u> • <u>SPTE 402 - Entertainment and the Law</u> • <u>SPTE 404 - Promoting Entertainment Events</u> • <u>SPTE 430 - Sport and Entertainment Services Marketing</u> • <u>SPTE 435 - Spectator Facilities Management</u> • <u>SPTE 450 - Sales in Sport and Entertainment Business</u> • <u>SPTE 490 - Special Topics in Sport and Entertainment Management</u> • <u>SPTE 498 - Research Experience</u> • <u>SPTE 499 - Senior Thesis</u> • <u>SPTE 501 - Trends and Issues in Sport and Entertainment Management</u> • <u>SPTE 545 – Managing Part-Time Employees and Volunteers</u> • <u>SPTE 570 – Special Topics Global Sport</u> • <u>SPTE 580 - Business Principles in Sport Management.</u> • <u>SPTE 590 - Special Topics in Live Entertainment and Sport</u> • <u>SPTE 635 - Sport and Entertainment Event Development</u> • <u>SPTE 650 – Integrated Marketing Communication in Sport and Entertainment</u>
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Removal of special permission

From: SPTE 380 Sport and Entertainment Marketing. (3)

Special Permission by department

To: SPTE 380 Sport and Entertainment Marketing. (3)

New course with Distance Education Delivery

SPT 410 Sport and Entertainment in Popular Culture. (3) Investigation of sport and entertainment as critical facets of American society.

Effective: Summer I 2013

6. SYSTEM AFFAIRS AND EXTENDED UNIVERSITY

Palmetto Programs

Addition of Distance Education Delivery to Existing Courses

HIST P421 Modern Latin America. [=LASP P342] (3)

HIST P423 History of Mexico. [=LASP 442] (3)

LASP P342 Modern Latin America. [=HIST P421] (3)

LASP P442 History of Mexico. [=HIST P423] (3)