All changes are effective Fall 2014.

**Academic Affairs** *(moved and seconded out of committee)*

Proposals for program/minor changes:

**COLLEGE OF HUMANITIES AND FINE ARTS**

1. **Department of Communication, Languages, and Cultures**
   a. change(s) to the Public Relations/Integrated Communication Concentration in the Communication Major

**Proposed changes:** Required course(s): from COMM 274, JOUR 304, JOUR 309, JOUR 312, JOUR 319, and JOUR 419 to: JOUR 304, JOUR 309, JOUR 419, and 3 of the following: JOUR 312, JOUR 319, JOUR 324, and JOUR 326.

**Proposed catalog description:**

Public Relations/Integrated Communication Concentration (18 Credits)

- COMM 274 Organization Communication ..................................................3
- JOUR 304 Writing for Interactive Journalism..............................................3
- JOUR 309 Introduction to Public Relations and Integrated Communication...3
- JOUR 312 Writing for the Mass Media .........................................................3
- JOUR 319 Public Relations Practice ..............................................................3
- JOUR 419 Strategic Communication Campaigns........................................3

Choose three of the following: (9 Credits) .........................................................9
- JOUR 312 Media Relations (3)
- JOUR 319 Public Relations Practice (3)
- JOUR 324 Media Planning (3)
- JOUR 326 Brand Strategy and Advertising (3)

**COLLEGE OF SCIENCE**

1. **Department of Chemistry and Physics**
   a. change(s) to the Chemistry Major

**Proposed changes:** Removal of course(s): MATH 260 from the Foundation.

Addition of course(s): In the major requirements add additional 4 hours of Chemistry course at the 300 level or above. Change credit requirement for CHEM 399 Independent Study and CHEM 499 Directed Undergraduate Research from 1-6 credits to 1-3 credits for the program requirement.

**Other:** Change in the student learning outcomes for the program.
**Proposed catalog description:**

**STUDENT LEARNING OUTCOMES**

Students who graduate with a B.S. in chemistry are expected to be able to:

1. Comprehend the fundamental principles of chemistry.
2. Design and conduct experiments to collect information related to chemical phenomena.
3. Analyze and evaluate chemical information.
4. Communicate chemical information both orally and in written form.

**III. FOUNDATION COURSES (23-35 16-27 Credits)**

Minimum grade of C required for all foundation courses.

- CHEM 111/111L* General Chemistry I/Laboratory ........................................... 4
- CHEM 112/112L General Chemistry II/Laboratory ........................................... 4
- CHEM 150* Communication in Physical Science ........................................... 3
- MATH 160* Calculus I ................................................................................. 4
- MATH 161 Calculus II ................................................................................ 4
- MATH 260 Calculus III ................................................................................ 4
- PHYS 211/211L Essentials of Physics I/Laboratory ...................................... 4
- PHYS 212/212L Essentials of Physics II/Laboratory ...................................... 4

*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.

**IV. MAJOR REQUIREMENTS (33-43 45-49 Credits)**

Minimum grade of C required for all major requirement courses.

- CHEM 311 Inorganic Chemistry ..................................................................... 3
- CHEM 321/321L Quantitative Analysis/Laboratory ........................................... 4
- CHEM 331/331L General Organic Chemistry I/Laboratory .......................... 4
- CHEM 332/332L General Organic Chemistry II/Laboratory ......................... 4
- CHEM 351/351L Biochemistry I/Laboratory ..................................................... 4
- CHEM 399 Independent Study ..................................................................... 1-6 1-3
- CHEM 422/422L Instrumental Analysis/Laboratory ........................................... 4
- CHEM 441/441L Physical Chemistry I/Laboratory ........................................... 4
- CHEM 442/442L Physical Chemistry II/Laboratory .......................................... 4
- CHEM 499 Directed Undergraduate Research ............................................. 1-6 1-3

Students are required to choose an additional 8 12 credits in two or more Chemistry courses at the 300 level or above (or other courses approved by the department). CHEM 301 Workshop Leader Training and CHEM 399 Independent Study are not acceptable. (8 12 Credits) .... 8 12

**V. ELECTIVES (2-17 0-25 Credits) ................................................................. 2-17 0-25**
2. Department of Computer Science and Information Systems

a. change(s) to the Information Systems Major

Proposed changes: Other: This program was originally approved by the Faculty Senate on May 2, 2012; AA-69 2011-2012. However, the program had not been approved by CHE because the program planning summary was incomplete. This proposal is to update the program to reflect changes made in the process of preparing for submission to the Commission on Higher Education (CHE).

Proposed catalog description:

MISSION STATEMENT
The Department of Computer Science and Information Systems serves students seeking degrees in computing-related fields, those who are interested in the application of computing to other fields, and other majors with computing-related educational needs. The faculty is committed to following the teacher-scholar model and providing high-quality educational experiences for students through dynamic classroom and laboratory experiences, collaborative research and scholarship opportunities, internship programs, and innovative course offerings, with the goal of preparing students to become knowledgeable, productive, responsible citizens. Graduates with a degree in Computer Science, Information Systems, or Information Technology will be prepared to excel in graduate studies and professional careers, conduct themselves ethically as professionals in the field of computing and consider the impacts of technology on society, and adapt to ongoing technological advances in the discipline. In addition to providing a high-quality, student-centered learning environment for its majors, the Department will assist other departments as needed by providing computing education tailored to the needs of their majors.

STUDENT LEARNING GOALS
After graduation, Computer Science & Information Systems students should be:

1. Contributing to society and/or economic development through the application of strong core competencies in the field.
2. Advancing in their careers and/or education by applying:
   a. communication and collaboration skills,
   b. problem solving abilities,
   c. appreciation of, and commitment to, professional ethics, and
   d. knowledge of computer science/information systems.
3. Successfully adapting to technical, societal, and environmental changes by building upon strong foundational competencies and continuing lifelong learning in computer science/information systems or related areas.

STUDENT LEARNING OUTCOMES
After completing the degree students should have:

Computer Science, Information Systems, and Information Technology
a) An ability to apply fundamental principles of computing and mathematics.
   b) An ability to analyze a problem, and identify and define the requirements appropriate to its solution.
c) An ability to design, implement, and evaluate a solution to meet specific requirements subject to a set of constraints.

d) An ability to function effectively on multi-disciplinary teams to accomplish a common goal.

e) An understanding of professional and ethical responsibilities.

f) An ability to communicate effectively, both verbally and in writing.

g) An ability to analyze the local and global impact of computing on individuals, organizations, and society.

h) Recognition of the need for and an ability to engage in life-long learning.

i) An ability to use current techniques, skills and tools necessary for computing practice.

**Computer Science**

j) An ability to apply mathematical foundations, algorithmic principles, computer science theory in the modeling and design of computer-based systems through the critical analysis of the trade-offs involved in design choices.

k) An ability to apply design and development principles in the construction of complex software systems.

**Information Systems**

l) An understanding of processes that support the development, deployment, and management of informational systems within a business-centric application environment.

**Information Technology**

m) An ability to use and apply current technical concepts and practices in the core information technologies.

n) An ability to identify and analyze user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems.

o) An ability to effectively integrate IT-based solutions into the user environment.


q) An ability to assist in the creation of an effective project plan.

To achieve these educational goals, the Computer Science and Information Systems Department offers three degrees.

1. The Bachelor of Science in Computer Science requires additional courses in Computer Science, Mathematics, and the Sciences. This degree is designed to prepare students for graduate work in Computer Science and for computer related careers in industry.

   **Note: The Bachelor of Science in Computer Science has been accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).**

2. The Bachelor of Science in Information Systems requires additional courses in Computer Science, Information Systems, and an application domain of the student’s choice. This degree is designed to prepare students for graduate work in Information Systems and for related positions in business and industry.
3. The Bachelor of Science in Information Technology aims to provide high-quality training in the latest technologies to prepare graduates for both rewarding positions in technology and technology management, as well as for future graduate work in the field. It requires additional courses in Information Systems, Information Technology, and an application domain of the student’s choice.

INTERNSHIP EDUCATION
Internship Education is a mutually-beneficial partnership among students, employers and the Department of Computer Science and Information Systems at Coastal Carolina University. Through Internship Education, computer science students can participate in full time professional work experience related to their major while earning academic credit. Thus, Internship Education provides an excellent way to apply skills and information learned in the classroom to a real world setting while gaining invaluable experience.

Computer Science and Information Systems students who have completed their first year may apply to participate in Internship Education by submitting a resume to the Chair of the Department. As in the marketplace, Internship Education positions are competitive. If the student’s background matches the employer’s needs, then the student is sent on a job interview with the prospective employer. When a student is selected, he or she registers for CSCI 497 Computer Science Internship. The Internship experience may be repeated two times for a total of six credits.

NOTEBOOK COMPUTER REQUIREMENT
As an integral part of the University’s goal to utilize and integrate technology into the teaching and learning experience, the Department of Computer Science and Information Systems requires all students enrolled in CSCI 130 Introduction to Computer Science, CSCI 131L Algorithmic Thinking, CSCI 140/140L Introduction to Algorithmic Design I/Laboratory, or CSCI 150/150L Introduction to Algorithmic Design II/Laboratory to have their own personal notebook computers.

**************[Insert current CS and IS Major descriptions HERE]**************

INFORMATION TECHNOLOGY MAJOR
Degree: Bachelor of Science

Students must earn a grade of C or better in all Foundation and Major Requirement courses.

I. CORE CURRICULUM (34-41 Credits)................................................................. 34-41

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)
Minimum grade of C is required.
UNIV 110 The First-Year Experience.............................................................. 0-3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.
III. FOUNDATION COURSES (25-41 Credits)*
Choose one of the following: (3 Credits) ...............................................................3
   ENGL 102* Composition and Critical Reading (3)
   ENGL 211* Introduction to Technical and Professional Writing (3)
Choose one of the following: (3 Credits) ...............................................................3
   COMM 140* Oral Communication (3)
   ENGL 290* Introduction to Business Communication (3)
   ENGL 390 Business and Professional Communication (3)
Choose one of the following: (3-4 Credits) .........................................................3-4
   CBAD 291* Business Statistics (3)
   PSYC 225/225L* Psychological Statistics/Laboratory (4)
   STAT 201/201L* Elementary Statistics/Laboratory (4)
Choose one of the following: (3-4 Credits) .........................................................3-4
   MATH 132* Calculus for Business and Social Science (3)
   MATH 160* Calculus I (4)
Choose one of the following: (3 Credits) ...............................................................3
   CSCI 101* Introduction to the Internet and World-Wide Web (3)
   CSCI 130* Introduction to Computer Science (3)
CSCI 110 Enterprise Business Applications .................................................................3
CSCI 120 Introduction to Web Page Applications .........................................................3
Choose one of the following: (3 Credits) ...............................................................3
   CSCI 135 Introduction to Programming (3)
   CSCI 140/140L Introduction to Algorithmic Design I/Laboratory (4)
CSCI 170 Ethics in Computer Science ........................................................................1
CSCI 203 Introduction to Web Application Development .............................................3
CSCI 211 Computer Infrastructure .............................................................................3
CSCI 225 Introduction to Relational Database and SQL .............................................3

Problem Solving, Critical Reasoning, Professional Development (6 Credits) ........6
Choose 6 credit hours from the following (these courses may not overlap with the minor):
   BINF 101/101L Introduction to Bioinformatics/Laboratory (4)
   BIOL 122/122L Biological Science II/Laboratory (4)
   BSHA 455 Managing Health Information (3)
   CBAD 203 Fraud Detection (3)
   CBAD 292 Decision Analysis (3)
   CBAD 364 Operations Management (3)
   CBAD 393 Management Information Systems (3)
   CHEM 112/112L General Chemistry II/Laboratory (3)
   COMM 274 Organizational Communication (3)
   COMM 341 Advanced Public Speaking (3)
   CSCI 150/150L Introduction to Algorithmic Design II/Laboratory (4)
   CSCI 210 Computer Organization and Programming (3)
   Any CSCI 300 course or higher (3)
   ECON 321 Government and Business (3)
   ENGR 101 Introduction to Engineering (3)
   ENVI 201/201L Introduction to Environmental Science (4)
ENVI 331/331L Introduction to GIS and Remote Sensing (4) (=MSCI 331/331L)
GEOG 200 Digital Earth (3)
GEOG 204 Introduction to Geographic Information Systems (3)
GEOG 311 Earth Observation (3)
GEOG 400 Geospatial Intelligence (3)
GEOL 112/112L The Origin and Evolution of the Marine Environment/Laboratory (4) (=MSCI 112/112L)
HPRO 380 Essentials of the U.S. Health Care System (3)
MATH 161 Calculus II (4)
MATH 174 Introduction to Discrete Mathematics (3)
MATH 220 Mathematical Proofs and Problem Solving (3)
MATH 242/242L Modeling for Scientists I/Laboratory (4)
MATH 260 Calculus III (4)
MATH 320 Elementary Differential Equations (3)
MATH 408 Cryptography (3)
PHIL 110 Introduction to Logic and Critical Thinking (3)
PHIL 220 Science and Pseudoscience (3)
PHIL 315 Technology and Human Values (3)
PHIL 321 Symbolic Logic (3)
PHYS 212/212L Essentials of Physics II/Laboratory (4)
PHYS 213/213L Fundamentals of Physics I/Laboratory (4)
PHYS 321 Electronics (3)
PHYS 432 Remote Sensing of the Environment (3)
POLI 311 Introduction to Game Theory (3)
POLI 421 Sustainable Development (3)
PSYC 303 Interpersonal Communication Skills (3)
ROTC 201/201L Fundamentals of Military Leadership/Laboratory (3)
RSM 394 Sport Technology (3)
STAT 318 Applied Statistical Methods (3)
THEA 255 Computer Aided Drafting and Design (3)
THEA 356 Lighting Design (3)

*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.

IV. MAJOR REQUIREMENTS (24 Credits)
  CSCI 335 Software Project Management .................................................. 3
  CSCI 370 Data Communication Systems and Networks .................................. 3
  CSCI 385 Introduction to Information Systems Security .................................. 3
  CSCI 415 Systems Administration ............................................................... 3
  CSCI 416 Linux System Administration ....................................................... 3
  CSCI 427 Systems Integration ................................................................. 3
  CSCI 444 Human Computer Interaction .................................................... 3
  CSCI Elective (300 level or higher) ......................................................... 3
V. MINOR (18-24 Credits) ................................................................. 18-24
   (Computer Science Minor or Web Application Development Minor may not be used to satisfy this requirement)

Students who transfer with an approved A.A.S. in Computer Technology from a South Carolina Technical College may waive the minor requirement.

VI. ELECTIVES (0-6 Credits) .......................................................... 0-6

TOTAL CREDITS REQUIRED ....................................................... 120

3. Department of Health Sciences

   a. change(s) to the Bachelor of Science in Nursing (Completion Program)
   Proposed changes: Change to prerequisite(s); Change in admission requirements from: RN license in SC, NC, or Georgia to: Active RN license, (offering DL courses), added web sites/links for background check and hospital orientation, and added BLS certification for infants and children.
   Change in number of credits: from: Maximum 35 hours for ADN to: 35 hours for every ADN and diploma graduate.
   Change in required course(s): from: Nursing courses 300 or above 0-16 hours to: NUR 399 Independent Study 1-6 hours for students that need full time for funding.
   Removal of course(s): NUR 408 Primary Prevention Across the Life Span is removed from required course but may offer again if a better text can be found.
   Addition of course(s): NUR 401 Transcultural Concepts in Nursing Care.
   Other: The nursing accrediting agency has changed their name and their web site.
   Proposed catalog description:
   ADMISSION REQUIREMENTS
   The admission requirements for this program are:

1. Active license as a registered nurse (RN); South Carolina, North Carolina or Georgia Nursing License;
2. Graduation from an accredited nursing program with C or better in all nursing courses;
3. A degree plan showing how all required courses will be met before taking NUR 420 and NUR 420P; Completion of all but three core curriculum and foundation courses;
4. Current BLS certification for infant, child and adult;
5. Clean seven year background and drug screen check at www.backgroundcheck.com;
6. Completion of the General Hospital Orientation at www.careLearning.com;
7. All immunizations required by the clinical agencies;

POLICIES AND REQUIREMENTS
Students must earn a grade of C or better in each course used to satisfy Foundation course requirements and the Major course requirements. All students will be required to complete a practicum with a nurse in their community while taking Community Health Nursing and while taking Leadership/Management Nursing. All students must have an overall total of a minimum
of 120 credit hours and a minimum of 30 credit hours must be taken at Coastal Carolina University to achieve a Bachelor of Science degree in Nursing.

I. MAJOR REQUIREMENTS (60-65 Credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUR 301</td>
<td>Transition to Professional Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 305</td>
<td>Health Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NUR 305L</td>
<td>Health Assessment Laboratory</td>
<td>2*</td>
</tr>
<tr>
<td>NUR 408</td>
<td>Primary Nursing Across the Life Span</td>
<td>3</td>
</tr>
<tr>
<td>NUR 401</td>
<td>Transcultural Concepts in Nursing Care</td>
<td>3</td>
</tr>
<tr>
<td>NUR 410</td>
<td>Community Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NUR 410P</td>
<td>Community Health Nursing Practicum</td>
<td>2*</td>
</tr>
<tr>
<td>NUR 420</td>
<td>Nursing Leadership and Management</td>
<td>3</td>
</tr>
<tr>
<td>NUR 420P</td>
<td>Nursing Leadership and Management Practicum</td>
<td>2*</td>
</tr>
<tr>
<td>NUR 424</td>
<td>Nursing Research</td>
<td>3</td>
</tr>
<tr>
<td>NUR 430</td>
<td>Health Care Systems Policies and Policy</td>
<td>3</td>
</tr>
<tr>
<td>NUR 399</td>
<td>Independent Study in Nursing</td>
<td>1-6</td>
</tr>
<tr>
<td>NUR courses numbered 300 or above</td>
<td>0-16**</td>
<td></td>
</tr>
</tbody>
</table>

* Note: 2 credit hours = 6 contact hours
** NUR credits beyond this maximum may be needed to obtain a total of 60 — credits, depending on individual transfer credits and exemptions.

II. ELECTIVES (0-12 Credits) ..................................................................................0-12**

** Elective credits beyond this maximum may be needed to obtain a total of 120 credits, depending on individual transfer credits and exemptions.

TOTAL CREDITS REQUIRED ..................................................................................120

This program is accredited by Accreditation Commission for Education in Nursing (ACEN). formerly known as NLNAC.

Inquiries can be made to:
Accreditation Commission for Education in Nursing
3500 Peachtree Road NE, Suite 850
Atlanta GA 30326
Telephone: (404) 975-5000
Fax: (404) 975-5020
www.acenursing.org
4. Department of Mathematics and Statistics

   a. change(s) to the Statistics Minor

Proposed changes: Change in required course(s): from: STAT 201/201L, STAT 316, STAT 318, STAT 420; choose 2 from STAT 315, STAT 317, STAT 319, STAT 320 to: STAT 201/201L, STAT 316, STAT 318, STAT 320; choose 2 from STAT 315, STAT 317, STAT 319, STAT 420.

Proposed catalog description:

STATISTICS MINOR (19 Credits)

PREREQUISITES:
STAT 201/201L Elementary Statistics/Laboratory .................................................. 4
STAT 316 Experimental Design I ............................................................................. 3
STAT 320 Experimental Design II ........................................................................... 3
STAT 318 Applied Statistical Methods .................................................................... 3
Choose two from the following: (6 Credits) ......................................................... 6
   STAT 315 Regression Analysis (3)
   STAT 317 Nonparametric Statistical Methods (3)
   STAT 319 Categorical Data Analysis (3)
   STAT 420 Statistical Computing (3)

TOTAL CREDITS REQUIRED .................................................................................. 19

5. Department of Psychology and Sociology

   a. change(s) to the Psychology Major

Proposed changes: Multiple changes; all changes are notated in red below in the proposed catalog description.

Other: Removal of B.A. option in Psychology from the catalog. Only B.S. option will be available.

Proposed catalog description:

PSYCHOLOGY MAJOR: BACHELOR OF SCIENCE (120 Credits)

Students must earn a grade of C or better in each course used to satisfy Major Requirements, Cognate Requirements, and Minor Requirements.

I. CORE CURRICULUM (34-41 Credits) ................................................................. 34-41

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)
    UNIV 110 The First-Year Experience .................................................................. 0-3
    UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. FOUNDATION COURSES (33-41 27-31 Credits)*
    PSYC 101* General Psychology ......................................................................... 3
    PSYC 202* Introduction to Scientific Communication: Psychological Perspectives .................................................. 3
PSYC 225/225L* Psychological Statistics/Laboratory (or equivalent)........ 3-4
PSYC 226/226L Research Methods in Psychology/Laboratory..................4
CSCI* (any computer science course)..........................................................3
In addition to completion of Core Curriculum Goal 3 (Knowledge of
Scientific Concepts), choose a two course laboratory science sequence
from the following*: (8 Credits).................................................................8
   BIOL 121/121L Biological Science I/Laboratory (4)
   BIOL 122/122L Biological Science II/Laboratory (4)
   BIOL 232/232L Human Anatomy and Physiology I/Laboratory (4)
   BIOL 242/242L Human Anatomy and Physiology II/Laboratory (4)
   CHEM 111/111L General Chemistry I/Laboratory (4)
   CHEM 112/112L General Chemistry II/Laboratory (4)
   PHYS 201/201L General Physics I/Laboratory (4)
   PHYS 202/202L General Physics II/Laboratory (4)
   MSCI 111/111L Introduction to Marine Science/Laboratory (4)
   MSCI 112/112L The Origin and Evolution of the Marine
   Environment/Laboratory (4)
Choose three laboratory science courses* (excluding BIOL 101/101L
   The Science of Life - Biology for Non-Science Majors/Lab)....................8 12
Choose three Mathematics/Statistics courses from the following: ..........9-12
   MATH 130 College Algebra (3)
   MATH 131 Trigonometry (3)
   MATH 132 Calculus for Business and Social Science (3)
   MATH 135 Precalculus (4)
   MATH 160 Calculus I (4)
   MATH 161 Calculus II (4)
   STAT 315 Regression Analysis (3)
   STAT 316 Experimental Design (3)
   STAT 317 Nonparametric Statistical Methods (3)
   STAT 318 Applied Statistical Methods (3)
   STAT 319 Categorical Data Analysis (3)
   STAT 320 Multivariate Data Analysis (3)
   PSYC 480/480L Intermediate Statistics/Laboratory (4)**
Or other courses as designated by the department
* (can include PSYC 480/480L** Intermediate Statistics/Laboratory,
excludes PSYC 225/225L,
   Psychological Statistics/Laboratory, MATH 139 Basic Concepts of
   Contemporary Mathematics, MATH 201 Mathematics for Early
   Childhood and Elementary Education Majors I, and MATH 202
   Mathematics for Early Childhood and Elementary Education
   Majors II (9-12 Credits).........................................................................9 12

*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.
**PSYC 480/480L Intermediate Statistics/Laboratory may not be used for both foundation AND major requirements.

PLEASE NOTE: Students must earn grades of C or better in PSYC 101, **PSYC-202**, PSYC 225/225L (or approved substitute statistics class), and PSYC 226/226L because these courses are required for the major.

IV. MAJOR REQUIREMENTS (29 32 Credits)

PSYC 484 History and Systems of Psychology .........................................................3
PSYC 497/497L Applied Research in Psychology/Laboratory.................................4

Choose one from the following **Learning/Cognition Group**: (3 Credits) ..........3
  PSYC 400 Human Learning (3)
  PSYC 401 Cognitive Processes (3)
  PSYC 402 Psycholinguistics (3)
  PSYC 407 Principles of Learning (3)
  PSYC 462 Animal Behavior (3)

Choose one from the following **Clinical Group**: (3 Credits) .........................3
  PSYC 410 Abnormal Psychology (3)
  PSYC 411 Abnormal Behavior in Children (3)
  PSYC 428 School Psychology and Exceptional Children (3)
  PSYC 440 Theories of Personality (3)

Choose one from the following **Developmental Group**: (3 Credits) .............3
  PSYC 302 Developmental Psychology (3)
  PSYC 420 Child Psychology (3)
  PSYC 421 Psychology of Adolescence (3)
  PSYC 423 Psychology of Aging (3)
  PSYC 425 Gerontology (3)

Choose one from the following **Biological Group**: (3 Credits) .................3
  PSYC 415 Human Neuropsychology (3)
  PSYC 450 Sensation and Perception (3)
  PSYC 460 Physiological Psychology (3)
  PSYC 486 Substance Abuse (3)

Choose one from the following **Social/Applied Group**: (3 Credits) ..........3
  PSYC 333 Health Psychology (3)
  PSYC 340 Sports Psychology (3)
  PSYC 430 Social Psychology (3)
  PSYC 465 Psychology and the Law (3)
  PSYC 470 Industrial/Organizational Psychology (3)

Choose one from the following **Quantitative Group**: (4 Credits) ..........4
  PSYC 480/480L Intermediate Statistics/Laboratory (4)
  PSYC 483/483L Principles of Psychological Testing (4)

Choose two 300/400 level elective courses chosen from PSYC courses not already selected (these courses may not include PSYC 399 Independent Study, PSYC 490 Internship, PSYC 495 Gerontology Internship, or PSYC 498/499 Individual Research) (6 Credits) .........................6
V. COGNATE REQUIREMENT (12 Credits).................................................................12
Psychology majors will select an interdisciplinary cognate of upper level courses with the approval of their faculty adviser. A grade of **C or better** is required in each course to be applied toward the cognate. A minor will fulfill this requirement. **Six credits from PSYC 399 Independent Study, PSYC 490 Internship, or PSYC 498/499 Individual Research can be used to fulfill the cognate requirement.**

VI. ELECTIVES (0-15 4-13 Credits) ..............................................................................0-15 4-13

TOTAL CREDITS REQUIRED .....................................................................................120

**UNIVERSITY COLLEGE**

a. **change(s) to the Interdisciplinary Studies Degree**

**Proposed changes:** **Addition of course(s):** ENGL 211 is being added alongside ENGL 290 and ENGL 390 as an option to complete the English requirement in Foundations. ENGL 211 is regularly substituted for this requirement already. All three classes are professional writing courses. This change will eliminate the need to file substitutions.

IDS 310 is being added as a Foundations course. This course provides the theoretical underpinnings for and serves as an introduction to Interdisciplinary Studies. Placing it in the Foundations requirements allows students from other disciplines to enroll in the course as a cognate. The three course sequence leading to the capstone research project in Interdisciplinary Studies has been restructured. The current structure is that IDS 310 will present interdisciplinary theories and engage students in the interdisciplinary research process, IDS 398 will instruct how to design and propose a research study, and IDS 499 will engage the student in their actual research project and how to report results.

**Other:** Degrees listed changed to B.A.I. and B.S.I.; these are the actual degree letters which were previously listed incorrectly.

IDS 398 & IDS 499 are being moved into Major Requirements to allow students to count these as "major courses," in which Foundations are not counted. Students are required by Coastal to take 25% or at least 12 credit hours of their "major courses" in residence; this change will allow our two required IDS courses to count in that residency requirement.

Credit hours allowed to count in one discipline raised to a maximum of 16 hours in Major Requirements. This will accommodate students in upper level science courses with a lab component. Courses with labs are each 4 hours total; having 16 to be the max allows 4 course/lab combinations. We regularly sign waivers to do this already.

Internship credit hours offered lowered from twelve to a maximum of nine. This will allow for internships to account for less than one-third of the approved program courses for the student.

Removed redundant text about directed study (399) courses and removed text which requires students to complete 30 hours once the student joins the major program. Students are already
required to complete 30 hours in residence at Coastal. There is not a need for those 30 hours to be taken exclusively after joining the major program. Also added text notifying that 12 hours in major requirements must be taken in residence to reinforce university policy.

Proposed catalog description:
INTERDISCIPLINARY STUDIES: B.A.I., B.S.I. (120 Credits)
I. CORE CURRICULUM (34-41 Credits)................................................................. 34-41

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)
    UNIV 110 The First-Year Experience..........................................................0-3
    UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. FOUNDATION COURSES (9-6 Credits)
    The following courses are required for all Interdisciplinary Studies majors and must be completed with a grade of C or better.
    Choose one: (3 Credits) .............................................................................3
        ENGL 211 Introduction to Technical and Professional Writing (3)
        ENGL 290 Introduction to Business Communication (3)
        ENGL 390 Business and Professional Communication (3)
        IDS 310 Introduction to Interdisciplinary Studies....................................3

IV. MAJOR REQUIREMENTS (30-36 Credits)
    IDS 398 Research Methods in Interdisciplinary Studies............................3
    IDS 499 Research in Interdisciplinary Studies............................................3
    Approved Program Courses*........................................................................30

*Thirty credits of 300 level or above coursework approved for the individual student program by the University Interdisciplinary Studies Committee. No more than 15-16 credits from any one discipline are required may be used to fulfill major requirements. A maximum of six (6) credits for courses numbered 399 may be used to fulfill major requirements. No more than six (6) credits for Independent Directed Study and three (3) to twelve-nine (12-9) credits for Internship may be used to fulfill the degree requirements. The student’s completed program must reflect a minimum of thirty-six credit hours at the 300 level or above. At least 30 12 credit hours towards degree in major requirements and 30 total credit hours must be completed at Coastal Carolina University. after students are admitted to the program.

V. ELECTIVES (44-54 Credits).................................................................44-54 54

TOTAL CREDITS REQUIRED.................................................................120
Academic Affairs *(moved and seconded out of committee)*
Proposals for new courses and course changes:

COLLEGE OF EDUCATION

1. Department of Early Childhood, Elementary, Physical, and Special Education

   a. EDSP 310   Theory to Practice: Field Experience II

   Proposed revision(s): Course change(s).
   Change title of course: from: Theory to Practice: Field Experience II to: Theory to Practice: Field Experience.

   Proposed catalog description: EDSP 310 Theory to Practice: Field Experience. (3) (Prereq: EDSP 200) This course is a supervised field experience requiring two full school days per week with students with mild to moderate disabilities at the elementary level. Related seminar addresses the roles of special educators, organizational and legal contexts for special education programs, models of service delivery, professional and ethical practice, collaboration skills, and research/evidence-based practices. The link between theory and practice is emphasized. F.

   b. EDSP 320   Measuring Student Progress: Field Experience III

   Proposed revision(s): Course change(s).
   Change title of course: from: Measuring Student Progress: Field Experience III to: Measuring Student Progress: Field Experience.

   Proposed catalog description: EDSP 320 Measuring Student Progress: Field Experience. (3) (Prereq: EDSP 310) This course is a supervised field experience requiring two full school days per week with students with mild to moderate disabilities at the middle level. An in-depth study of single-subject research methods including data collection, research designs, data display and analysis, and developing research proposals using single-subject methodology is addressed. Knowledge and skills developed in the prior field experience and current coursework are reinforced. S.

   c. EDSP 322   Applied Behavior Analysis for Teachers

   Proposed revision(s): Course change(s).
   Change course number: from: EDSP 322 to: EDSP 412.

   Proposed catalog description: EDSP 412 Applied Behavior Analysis for Teachers. (3) (Prereq: Admission to the Professional Program in Teacher Education) This course equips candidates with the knowledge and skills of applied behavior analysis (ABA) as an approach for programming effective interventions for children and youths with disabilities. It focuses specifically on “positive behavior interventions and supports” (PBIS), a research-based approach to interventions designed to prevent problem behavior, encourage environmental management, and promote students’ positive and appropriate behavior. This course also prepares candidates to conduct a functional behavioral assessment (FBA) in order to more efficiently and effectively identify the interventions to address the students’ behavioral needs. F.
d. EDSP 410  Action Research: Field Experience IV  
**Proposed revision(s):** Course change(s).  
**Change title of course:** from: Action Research: Field Experience IV to: Action Research: Practicum.  
**Proposed catalog description:** EDSP 410 Action Research: Practicum.  
(3) (Prereq: Admission to the Professional Program in Teacher Education) This course is a supervised practicum that extends to internship. This practicum requires three full school days per week with students with mild to moderate disabilities. Candidates are given the opportunity to analyze pedagogical competencies and to build personal strategies for teaching. Knowledge and skills developed in the prior field experience and current coursework are reinforced. The research proposal developed in the prior field experience is used to implement an intervention with a student in a classroom. Candidates continue in this placement for their internship. S.

e. EDSP 412  Secondary Practices and Transition  
**Proposed revision(s):** Course change(s).  
**Change course number:** from: EDSP 412 to: EDSP 322.  
**Proposed catalog description:** EDSP 322 Secondary Practices and Transition.  
(3) (Prereq: Admission to the Professional Program in Teacher Education) This course applies research on teacher effectiveness, teacher accountability, and instructional approaches at the secondary level. Strategies in self-regulation, study skills, attention, memory, and motivation; curriculum adaptations, peer mediated instruction including cooperative learning and peer tutoring; and self-advocacy and strategies for facilitating transition into the community, workplace, and postsecondary environments are addressed. F.

f. EDSP 414  Instructional Planning  
**Proposal for a new undergraduate course.**  
**Number of credits:** 3  
**Prerequisite(s):** Admission to the Professional Program in Teacher Education. **Corequisite(s):** None. **Primary Goal:** This course is required for a major.  
**Restrictions:** Special Education majors only.  
**Proposed catalog description:** EDSP 414 Instructional Planning.  
(3) (Restricted to Special Education majors only) (Prereq: Admission to the Professional Program in Teacher Education) This course focuses on acquiring the basic knowledge and skills required for the development of IEPs and ongoing monitoring of students’ progress toward their IEP goals and objectives/benchmarks. In addition, subsequent development of instructional lessons based on the student’s learning needs as they relate to their academic/social/behavioral success within the general education curriculum are addressed. F.  
**Estimated enrollment:** 20. **Method of delivery:** Classroom. **Semester(s) offered:** Fall.

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**COLLEGE OF SCIENCE**

1. Department of Chemistry and Physics

   a. CHEM 441  Physical Chemistry  
   **Proposed revision(s):** Course change(s).
Change in prerequisite(s): from: MATH 161 or MATH 260, PHYS 202 or PHYS 212, and CHEM 112 to: MATH 161, PHYS 202 or PHYS 212, and CHEM 112.  
Change in corequisite(s): from: MATH 260 and CHEM 441L to: CHEM 441L.  
Proposed catalog description: CHEM 441 Physical Chemistry. (3) (Prereq: MATH 161, PHYS 202 or PHYS 212, and CHEM 112) (Coreq: CHEM 441L) Theories and laws relating to chemical and physical changes including gas properties, thermodynamics, kinetic theory of gases and kinetics of chemical reactions. F.

2. Department of Computer Science and Information Systems

   a. CSCI 211 Computer Infrastructure  
Proposed revision(s): Course change(s). 
Change in prerequisite(s): from: Grade of C or better in CSCI 135 or CSCI 140/140L to: None.  
Proposed catalog description: CSCI 211 Computer Infrastructure. (3) This course covers core computer hardware, including the relationships between components of a computer system. Software components are also introduced, including the fundamentals of the computer operating system and an introduction to virtualization systems. F.

3. Department of Health Sciences

   a. HPRO 370 Principles and Practices of Patient Education  
Proposal for a new undergraduate course.  
Number of credits: 3 Prerequisite(s): HPRO 121. Corequisite(s): None. Primary Goal: This course may be used as an elective or cognate. 
Proposed catalog description: HPRO 370 Principles and Practices of Patient Education. (3) (Prereq: HPRO 121) This course is designed to enable a student to develop skills in teaching, communicating health advice, and assessing patient needs. Other areas such as ethical issues, patient compliance, informed consent, and the use of educational materials will be explored. F. 
Estimated enrollment: 20. Method of delivery: Classroom. Semester(s) offered: Fall.

4. Department of Psychology and Sociology

   a. PSYC 402 Psycholinguistics  
Proposed revision(s): Course change(s).  
Remove cross listing: ENGL 454.  
Proposed catalog description: PSYC 402 Psycholinguistics. (3) (Prereq: PSYC 101) A survey of selected aspects of the field focusing on the cognitive and behavioral foundations of child and adult language acquisition. Other topics may include developmental and catastrophic language disorders, neurolinguistics, and the language-thought interaction. Offered as needed.

   b. PSYC 480 Intermediate Statistics  
Proposed revision(s): Course change(s).  
Change in prerequisite(s): from: PSYC 225 and MATH 130 to: A grade of C or better in PSYC 225 or equivalent.  
Change in corequisite(s): from: None to: PSYC 480L.
Proposed catalog description: PSYC 480 Intermediate Statistics. (3) (Prereq: A grade of C or better in PSYC 225 or equivalent) (Coreq: PSYC 480L) An examination of additional topics in applied behavioral statistics. Topics include linear correlation and regression, hypothesis testing, analysis of variance, and multivariate statistics. F, S.

c. PSYC 480L Intermediate Statistics Laboratory
Proposed revision(s): Course change(s).
Change in corequisite(s): from: None to: PSYC 480.
Proposed catalog description: PSYC 480L Intermediate Statistics Laboratory. (1) (Coreq: PSYC 480) Exercises and assignments to supplement the material presented in Psychology 480. F, S.

d. PSYC 483 Principles of Psychological Testing
Proposed revision(s): Course change(s).
Change in prerequisite(s): from: PSYC 225 or permission of the instructor to: A grade of C or better in PSYC 101 and PSYC 225 or equivalent.
Change in corequisite(s): from: None to: PSYC 483L.
Proposed catalog description: PSYC 483 Principles of Psychological Testing. (3) (Prereq: A grade of C or better in PSYC 101 and PSYC 225 or equivalent) (Coreq: PSYC 483L) A survey of the psychometric process. Topics include the principles of measurement and test score interpretation, discussion of the variety of group and individual tests available for psychologists and the criteria for selecting and evaluating tests. Three lecture hours per week. F, S.

e. PSYC 483L Principles of Psychological Testing Laboratory
Proposed revision(s): Course change(s).
Proposed catalog description: PSYC 483L Principles of Psychological Testing Laboratory. (1) (Coreq: PSYC 483) Exercises and assignments to supplement the material presented in Psychology 483. F, S.

f. PSYC 497 Q* Applied Research in Psychology
Proposed revision(s): Course change(s).
Change in prerequisite(s): from: PSYC 101, PSYC 225, and PSYC 226 to: A grade of C or better in PSYC 225 or equivalent, and a C or better in PSYC 226.
Change in corequisite(s): from: None to: PSYC 497L.
Proposed catalog description: PSYC 497 Q* Applied Research in Psychology. (3) (Writing Intensive) (Prereq: A grade of C or better in PSYC 225 or equivalent and a C or better in PSYC 226) (Coreq: PSYC 497L) A research experience in which students are required to develop a research project, conduct a literature review, gather and analyze data, prepare a research paper in accord with the standards of the American Psychological Association (APA) and present their research. Motivated students are encouraged to complete this course in their Junior year and continue research pursuits during their Senior year. F, S.
g. PSYC 497L Q*  Applied Research in Psychology Laboratory

**Proposed revision(s):** Course change(s).
**Change in corequisite(s):** from: None to: PSYC 497.
**Proposed catalog description:** PSYC 497L Q* Applied Research in Psychology Laboratory. (1) (Coreq: PSYC 497) Exercises and assignments to supplement the material presented in Psychology 497. F, S.

h. SOC 395  Internship Experience in Sociology

Proposal for a new undergraduate course.

**Number of credits:** 0  
**Prerequisite(s):** SOC 101 or SOC 102, permission of the instructor, and approved contract.  
**Corequisite(s):** None.  
**Primary Goal:** This course may be used as an elective.

**Proposed catalog description:** SOC 395 Internship Experience in Sociology. (0) (prereq: SOC 101 or SOC 102, permission of the instructor, and approved contract) Interns work in a supervised position in a human services, governmental, research or criminal justice agency. If desired, a student may register for SOC 499 in subsequent semesters and be awarded credit at the rate of 1 credit for every 33 hours of supervised internship. May, Su.

**Estimated enrollment:** 10.  
**Method of delivery:** Other: Internship in approved agency.  
**Semester(s) offered:** Maymester, Summer I and Summer II.

5. Department of Mathematics and Statistics

a. MATH 407  Coding Theory

**Proposed revision(s):** Course change(s).
**Change in prerequisite(s):** from: A grade of C or better in Math 220 or Math 174 to: A grade of C or better in Math 344 or permission of the instructor.

**Proposed catalog description:** MATH 407 Coding Theory. (3) (=CSCI 407) (Prereq: A grade of C or better in MATH 344 or permission of the instructor) This course covers the issues involved in designing efficient codes, including error detection/correction. Topics to be covered include distance, nearest neighbor decoding, hamming codes and linear codes. Other topics which may be covered are Golay codes, Reed-Muller codes, cyclic codes, and spherical codes. S, even years.

b. MATH 465  Applied Mathematics I

**Proposed revision(s):** Course change(s).
**Change in prerequisite(s):** from: A grade of C or better in MATH 320 to: A grade of C or better in MATH 320 and MATH 242.

**Proposed catalog description:** MATH 465 Applied Mathematics I. (3) (Prereq: A grade of C or better in MATH 320 and MATH 242) Orthogonal sets of functions and the Sturm-Liouville eigenvalue problem; Fourier series and integrals, and solution of partial differential equations by separation of variables; boundary value problems in polar, cylindrical, and spherical coordinate systems, Bessel functions. F, odd years.

c. MATH 490  Seminar in Mathematics

**Proposed revision(s):** Course change(s).
**Change number of credits:** from: 1 to: 3.
Proposed catalog description: MATH 490 Seminar in Mathematics. (3) (Writing Intensive) (Prereq: completion of 21 hours in mathematics in courses numbered 150 or higher) This is a course on communicating mathematics. Students will be expected to explore mathematical ideas with a faculty mentor, and present these ideas to an audience of faculty and students. F.

d. STAT 316 Experimental Design
Proposed revision(s): Course change(s).
Change title of course: from: Experimental Design to: Experimental Design I.
Proposed catalog description: STAT 316 Experimental Design I. (3) (Prereq: STAT 201, CBAD 291, or PSYC 225 with a grade of C or better) Topics include, but are not limited to, analysis of variance, analysis of covariance, Fisher assumptions, randomization, basic factorial designs, complete block designs, two-way factorial designs, interaction, blocking. Latin squares, and multiple comparisons. Computers and statistical software will be used extensively. F.

e. STAT 320 Multivariate Data Analysis
Proposed revision(s): Course change(s). Change in prerequisite(s): from: STAT 201, CBAD 291, or PSYC 225 with a grade of C or better to: STAT 316 with a grade of C or better. Change title of course: from: Multivariate Data Analysis to: Experimental Design II.
Proposed catalog description: STAT 320 Experimental Design II. (3) (Prereq: STAT 316 with a grade of C or better) This course offers advanced topics in experimental design. These topics include, but are not limited to, split plot designs, repeated measures, nested designs, advanced topics in block designs, and advanced topics in factorial designs. Computers and statistical software will be used extensively. S.

UNIVERSITY COLLEGE

a. IDS 302 Special Topics in Interdisciplinary Studies
Proposal for a new undergraduate course.
Number of credits: 3 Prerequisite(s): None. Corequisite(s): None. Primary Goal: This course may be used as an elective or cognate. Course Restrictions: This course is an interdisciplinary examination of selected themes relating to topics involving multiple approaches to learning and cultural analysis. This course may be applied to the Interdisciplinary Studies major only one time.
Proposed catalog description: IDS 302 Special Topics in Interdisciplinary Studies. (3) This course is an interdisciplinary examination of selected themes relating to topics involving multiple approaches to learning and cultural analysis. This course may be applied to the Interdisciplinary Studies major only one time. Offered as needed. Estimated enrollment: 15. Prior enrollment in course (if applicable): 15. Method of delivery: Classroom, Distance Learning, and Hybrid. Other: Delivery may vary based on topic and instructor. Semester(s) offered: As needed.
b. IDS 333  
**Interdisciplinary Nature of Careers**
Proposal for a new undergraduate course.

**Number of credits:** 3  
**Prerequisite(s):** None.  
**Corequisite(s):** None.  
**Crosslisting:** Add UNIV 333.  
**Primary Goal:** This course may be used as an elective or cognate.

**Proposed catalog description:** IDS 333 Interdisciplinary Nature of Careers. (3) (=UNIV 333) IDS/UNIV 333 will provide the student the opportunity to explore the fundamentals of operating in a consumer based economy. It will expose the student to a further understanding of the overall business environment and explore the student’s role as employee/employer and consumer. The topics covered in the course will include a brief overview organizational, management and motivational theory, personal ethics as it applies to decision making, selecting a major and planning a career, managing change in organizations and on an individual level, innovation and creativity affecting all individuals in all organizations. F, S.

**Estimated enrollment:** 30-40.  
**Prior enrollment in course (if applicable):** 20.  
**Method of delivery:** Classroom.  
**Semester(s) offered:** Fall, Spring, As needed.

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c. UNIV 333  
**Interdisciplinary Nature of Careers**
Proposal for a new undergraduate course.

**Number of credits:** 3  
**Prerequisite(s):** None.  
**Corequisite(s):** None.  
**Crosslisting:** Add IDS 333.  
**Primary Goal:** This course may be used as an elective or cognate.

**Proposed catalog description:** UNIV 333 Interdisciplinary Nature of Careers. (3) (=IDS 333) IDS/UNIV 333 will provide the student the opportunity to explore the fundamentals of operating in a consumer based economy. It will expose the student to a further understanding of the overall business environment and explore the student’s role as employee/employer and consumer. The topics covered in the course will include a brief overview organizational, management and motivational theory, personal ethics as it applies to decision making, selecting a major and planning a career, managing change in organizations and on an individual level, innovation and creativity affecting all individuals in all organizations. F, S.

**Estimated enrollment:** 30-40.  
**Prior enrollment in course (if applicable):** 20.  
**Method of delivery:** Classroom.  
**Semester(s) offered:** Fall, Spring, As needed.