



# ACADEMIC COLLEGES

## **THE E. CRAIG WALL SR. COLLEGE OF BUSINESS ADMINISTRATION**

Henry Lowenstein, *Dean*

Samuel A. Wathen, *Associate Dean*

L. Taylor Damonte, *Director of the Clay Brittain, Jr. Center for Resort Tourism*

Gary M. Loftus, *Director of the Coastal Federal Center For Economic and Community  
Development*

Ned Cohen, *Director of the Wall Fellows Program and the Wall College of Business Center  
for Student Excellence*

Charles M. Thrash, *Director of the Professional Golf Management Program*

### **WALL COLLEGE OF BUSINESS ADMINISTRATION**

William J. Baxley, Jr., *Executive-in-Residence and Dean Emeritus*

Robert B. Burney, *Associate Professor--Finance*

Jerome Christia, *Assistant Professor--Marketing*

Michael D. Collins, *Assistant Professor--Resort Tourism*

L. Taylor Damonte, *Associate Professor--Resort Tourism*

David A. DeCenzo, *Professor--Management*

Darla J. Domke-Damonte, *Associate Professor--Management and International Programs  
Liaison*

Meyer Drucker, *Assistant Professor --Accounting*

Dennis S. Edwards, *Assistant Professor--Economics*

Linda R. Henderson, *Associate Professor--Accounting and Department Chair for  
Accounting, Finance, Economics*

Andy E. Hendrick, *Associate Professor--Business Law*

Bomi Kang, *Assistant Professor--Resort Tourism*

J. Kay Keels, *Assistant Professor--Management*

Marvin A. Keene, *Assistant Professor--Finance*

Gregory L. Krippel, *Associate Professor--Accounting*

Michael R. Latta, *Assistant Professor--Marketing*

Karen A. Maguire, *Assistant Professor--Accounting*

John G. Marcis, *Associate Professor--Economics*

P. Richard Martin, *Assistant Professor--Management*

Mark A. Mitchell, *Professor--Marketing and Department Chair for Management,  
Marketing, and Law*

John W. Mortimer, *Assistant Professor--Accounting*

Robert D. Nale, *Professor--Management*

Dennis A. Rauch, *Professor--Marketing*

Barbara A. Ritter, *Assistant Professor--Management*

Thomas W. Secrest, *Associate Professor--Finance*

Donald L. Schuuk, *Lecturer and Research Economist*

Howard B. Smith III, *Executive-in-Residence--Accounting*

Tracy Smith, *Assistant Professor--Accounting*

Harold C. Stowe, *Executive-in-Residence--Management*

Albert (A.J.) Taylor, *Associate Professor--Marketing*

Jay M. Teets, *Assistant Professor--Management*

Nicholas Twigg, *Assistant Professor--Management*

Yoav Wachsman, *Assistant Professor--Economics*

Samuel A. Wathen, *Professor--Management*

Andrew Weinbach, *Assistant Professor--Economics*

## **DEGREES**

Bachelor of Science in Business Administration  
Master of Business Administration

## **WALL COLLEGE OF BUSINESS ADMINISTRATION**

### **VISION**

The Wall College of Business will be recognized as a school of choice for value added undergraduate and masters level business programs based in public universities in the Carolinas and Mid-Atlantic region of the United States.

### **MISSION**

The mission of the E. Craig Wall Sr. College of Business Administration is to educate our students to have the qualities and attributes essential to their progressive and continuing development throughout their careers in private, public, and non-profit organizations in a globally competitive and diverse environment. Inherent in this mission is our commitment to the following objectives:

- 1) Teaching – We will teach the core business functions through applied, experiential, and active learning strategies facilitated by appropriate technologies.
- 2) Intellectual contribution – We will create and disseminate knowledge in business, which includes learning and pedagogical research, high value added contributions to practice, and discipline-based scholarship.
- 3) Public service – We will provide professional expertise to benefit the local, regional, national, and international community.
- 4) Stakeholder involvement – We will actively promote an open and collegial environment that includes input from students, staff, alumni, employers and other institutional stakeholders.

### **Shared Values\***

1. Our strongest commitment is to student development.
2. Our faculty members are dedicated teachers, lifelong learners and excellent applied researchers.
3. We support an environment that encourages open and responsible expression.
4. We expect the highest standard of professionalism and integrity for all organizational members.
5. We monitor and respond proactively to changes in society and business.
6. We support collaborative and integrative activities that address significant issues.
7. We believe that collegiality and innovation lead to an environment of continuous improvement.
8. We encourage an outlook that embraces diversity and believe that our students, faculty, and staff must learn about and from other cultures.
9. We believe that a liberal arts foundation provides a strong basis for broader inquiry in business disciplines.
10. We recognize the importance of the service sector in shaping our regional economy.
11. We believe the College should develop recognized areas of expertise.
12. We expect and encourage faculty, staff, and students to contribute to the quality of life in our community.

13. Our graduates will be prepared to anticipate, embrace, and shape constant change and growth.
14. We recognize the importance of including the business community in all aspects of the educational process.

\* Insight for Shared Values was provided by those of the Farmer School of Business at Miami University of Ohio

## **Bachelor of Science in Business Administration**

A maximum of 83 credits may be applied toward satisfying the Foundation Courses and Major Requirements in Business Administration.

Students must earn a grade of C or above in each course used to satisfy Foundation Requirements. Transfer students will be required to take a minimum of 24 credit hours of 300 level courses and above from the Wall College of Business Foundation and Major Requirements. The 24 hours must include Business Administration 478 and cannot include Economics 497.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year.

Students pursuing a business degree will be classified as pre-business students until they have been admitted to degree candidacy in the Wall College of Business. In addition to specific prerequisite courses listed, registration for junior-senior level courses are restricted to students who have earned the appropriate number of hours as specified in the Course Listing section; i.e., 54 or more hours for 300 level classes and 84 or more for 400 level classes.

An exit exam will be administered as a part of the capstone course, Business Administration 478 Strategic Management. The examination will be composed of a series of questions designed to measure a student's knowledge of key concepts drawn from the Wall College of Business Administration's curriculum.

## **EDUCATIONAL OBJECTIVES**

The Wall College of Business Administration recognizes the importance of providing a high quality education for its majors. Further, we recognize that a part of our responsibility is to determine how successfully we have accomplished this. For our business majors, we have identified three major content areas which we will address in terms of our curriculum and several specific objectives within that framework.

### **I. Perspectives**

- A. To provide an understanding of the political, economic, social, legal regulatory, environmental, and technological forces which influence business activities, as well as a sensitivity to ethical considerations in making one's decisions, and
- B. To promote an awareness of the international and culturally diverse nature of business.

### **II. Business Core Curriculum**

- A. To provide an understanding of accounting, finance, production, and marketing practices and principles,
- B. To provide an understanding of general management principles and administrative skills,
- C. To develop analytical and quantitative skills, and
- D. To develop oral and written communication proficiency.

### **III. Major Curriculum**

To provide an emphasis in one chosen major field of study.

**Admission to Degree Candidacy**

To be formally accepted as a candidate for the Bachelor of Science in Business Administration degree, a student must complete at least 54 semester hours including the following:

- A. Mathematics 130 (or 130I) and 132 with a grade of C or above in each course
- B. English 101 and 102 with a grade of C or above in each course
- C. Computer Science 110 with a grade of C or above
- D. Economics 201 and 202 with a grade of C or above in each course
- E. Business Administration 201, 202, 291, and 292 with a grade of C or above in each course

**FINAL RESPONSIBILITY FOR SATISFYING DEGREE REQUIREMENTS, AS OUTLINED IN THE UNIVERSITY CATALOG, RESTS WITH THE STUDENT.**

**Bachelor of Science in Business Administration**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Business Administration  
Degree Requirements: Please see Summer Catalog supplement.

**DOUBLE MAJOR REQUIREMENT:**

Students may double major within the business disciplines. To complete a double major, students must satisfy the major requirements in both programs. A minimum of fifteen (15) discrete hours must be earned in each major. No courses common to both majors may be shared unless the student earns at least fifteen (15) additional discrete hours for and specific to each major.

**BUSINESS ADMINISTRATION MINOR**

<b>Courses Required</b>	<b>Credits</b>
Business Administration 201, 202, 344, 350, 371 .....	15
Business Administration Elective .....	3
Economics 101, or 201 and 202 .....	3-6
<b>TOTAL CREDITS REQUIRED</b> .....	<u>21-24</u>

A grade of C or above is required in each course to be applied toward the minor.

**ECONOMICS MINOR**

<b>Courses Required</b>	<b>Credits</b>
Economics 101 or 201 and 202 .....	3-6
Economics 335 or 301 and 302 .....	3-6
Economics electives at the 300 level (Choose 3-4) .....	9-12
<b>TOTAL CREDITS REQUIRED</b> .....	<u>18-21</u>

A grade of C or above is required in each course to be applied toward the minor.

## INTERNATIONAL BUSINESS STUDIES MINOR

Advisor: Darla Domke-Damonte

<b>Courses Required</b>	<b>Credits</b>
Business Administration 401 .....	3
Business Administration 402, 454, 463, 472, Economics 351, 352, 451 (Choose Two) .....	6
Geography 121 .....	3
Politics 101 or 102 .....	3
Politics 315 or 318 .....	3
TOTAL CREDITS REQUIRED .....	18

A grade of C or above is required in each course to be applied toward the minor.

## Professional Golf Management Program

The PGA of America/Professional Golf Management (PGM) program is a specialization within the Wall College of Business and requires a separate application process. PGM students can major in any area (Accounting, Economics, Finance, Management, Marketing, Resort Tourism) and receive the PGM designation when they have completed their academic and PGA membership requirements. The PGA membership requirements include passing the PGA's Playing Ability Test (PAT), completing 16 hours of full-time internship work and completing all of the PGA's educational courses. Enrollment in the PGM program is limited, and it takes 4 1/2 years to complete. Additionally, extra fees are associated with becoming a member of the PGA of America. Only United States citizens and resident aliens are eligible to become members of the PGA of America.

<b>Courses Required</b>	<b>Credits</b>
Professional Golf Management 102, 201, 202, 301, 302 .....	5
Professional Golf Management 180, 280, 380, 480 .....	7
Professional Golf Management 169, 171, 282 .....	9
Total Credits Required .....	21

## WALL FELLOWS PROGRAM

The Wall Fellows Program is a two-year course of study for juniors and seniors at the Wall College of Business. Application to the program is made during a student's sophomore year. An invitation to join the program is the result of a written application and three levels of rigorous personal interviews. The Wall Fellows Program selects students who demonstrate the ability to master the traditional curriculum being offered in the Wall College of Business and who are motivated to achieve high levels of personal and professional success. The program seeks to add value with the following objectives:

- Wall Fellows should acquire the tools to enable leadership and teamwork,
- Wall Fellows should understand the complex nature of an enterprise by identifying and understanding its core values, and understanding how individuals add value to that enterprise,
- Wall Fellows should understand the concept of community and how their participation in communities can enhance quality of life,
- Wall Fellows should understand that character, competence, leadership, contribution and honor are consistent with good decision making.

## **SPADONI COLLEGE OF EDUCATION**

Gilbert H. Hunt, *Dean*

Barbara Chesler Buckner, *Associate Dean for Curriculum and Assessment*

Jessie C. Brown, *Associate Dean for Interdisciplinary Studies*

Jeanne B. Cobb, *Professor, Elementary Education, Special Education and Elementary M.Ed.*

Gibson Darden, *Chair, Health, Physical Education, Recreation*

Emory C. Helms, *Chair, Middle Grades, M.A.T. and Secondary M.Ed. Programs*

Nancy Ratcliff, *Chair, Early Childhood and Early Childhood M.Ed.*

Emma Savage-Davis, *Director of Center for Education and Community*

Ana Maria Schuhmann, *Director of The Biddle Center for Teaching and Learning*

## **PROFESSIONAL PROGRAM IN TEACHER EDUCATION**

### **EARLY CHILDHOOD, ELEMENTARY, MIDDLE GRADES AND SPECIAL EDUCATION - INITIAL LICENSURE**

Jessie C. Brown, *Professor, Early Childhood*

Barbara Chesler Buckner, *Associate Professor, Reading Education*

Jeanne B. Cobb, *Professor, Elementary Education*

Richard Costner, *Assistant Professor, Elementary Education*

Gayle Disney, *Assistant Professor, Special Education*

Judy Engelhard, *Associate Professor, Special Education*

Gilbert H. Hunt, *Professor, Elementary and Middle Education*

Barbara Norvell, *Assistant Professor, Early Childhood Education*

Nancy Ratcliff, *Associate Professor, Chair for Early Childhood Education*

Jean Reid, *Assistant Professor, Foundation Education*

Emma Savage Davis, *Associate Professor, Middle Grades Education*

Ana Marie Schuhmann, *Singleton Professor, Education, English Language Learners Education*

Debra Smith, *Associate Professor, Reading Education*

Douglas W. Smith, *Associate Professor, Elementary Education*

Debbie H. Stanley, *Instructor, Early Childhood*

Sophia Tan, *Assistant Professor, Technology Education, English Language Learners Education*

Stephanie Toney, *Lecturer, Director of Clinical Experiences*

### **MIDDLE AND SECONDARY EDUCATION, M.Ed. AND M.A.T.**

Patricia Hardee, *Associate Professor, Social Studies*

Emory C. Helms, *Associate Professor, Social Studies*

Austin M. Hitt, *Assistant Professor, Math and Science*

Carol Osborne, *Associate Professor, English*

Joseph Winslow, *Associate Professor, Technology Education*

### **HEALTH, PHYSICAL EDUCATION, AND RECREATION**

Alan J. Case, *Associate Professor, Recreation and Sport Management*

Gibson Darden, *Professor, Exercise Science*

John F. Farrelly, *Professor, Physical Education*

Monair Hamilton, *Assistant Professor, Health Promotion*

Gregory Martel, *Associate Professor, Exercise Science*

Colleen McGlone, *Assistant Professor, Recreation and Sport Management*

Sandra Nelson, *Assistant Professor, Physical Education*

Donald Rockey, *Assistant Professor, Recreation and Sport Management*

Sherer Royce, *Assistant Professor, Health Promotion*  
Sharon H. Thompson, *Professor, Health Promotion*  
John Yannessa, *Assistant Professor, Health Promotion*

## CENTER DIRECTOR

Emma Savage Davis, *Associate Professor, Director of Center for Education and Community*

## DEGREES

Bachelor of Arts in Education	Master of Education
Bachelor of Science	Master of Arts in Teaching
Health Promotion	
Physical Education	
Recreation and Sport Management	

## PROFESSIONAL PROGRAM IN TEACHER EDUCATION

The chief responsibility of the Professional Program in Teacher Education in the Spadoni College of Education is to prepare teachers for early childhood, elementary, middle grades, physical education and special education (learning disabilities), licensure. Students wishing to major in Secondary Education are encouraged to contact the M.A.T. office (Kearns Hall 211) in the Spadoni College of Education for information leading to certification through the Master of Arts in Teaching degree. It is expected that, degree candidates will possess the necessary knowledge, skills, and dispositions required to be effective teachers. In preparation for teaching, education students must be aware that society has charged the education profession with an enormous responsibility—the care of its future through the development of its youth. Society will never allow this responsibility to be taken lightly.

## CONCEPTUAL MODEL

The conceptual model of all teacher preparation programs in the Spadoni College of Education is the Teacher as Reflective Practitioner. Though this model, programs are directed toward the development of knowledge, skills, and dispositions which will insure that all candidates are highly qualified and meet all university, state, and national expectations of beginning teachers at the completion of their respective programs of study.

Reflective practitioners are seen as effective leaders, sound communicators, and competent problem solvers.

The state-mandated ADEPT framework, NCATE standards, and specialized professional association national standards established for educators are intertwined into our Professional Program in Teacher Education. The Reflective Practitioner model with its accompanying five performance strands addressing the Knowledge, Skills, and Professional Behaviors expected of beginning teachers provides a systematic way to instruct and evaluate candidate growth.

CCU Candidate Proficiencies	ADEPT: State Teacher Standards
I. Ability to apply content and pedagogical knowledge to the teaching and learning process	ADEPT: APS 1, 2, 3, 4, 5, 6, 7, 8, 9
II. Ability to integrate technology in all facets of teaching	ADEPT: APS 1, 2, 3, 4, 5, 7, 10
III. Ability to work with diverse populations	ADEPT: APS 1, 3, 4, 7, 8

IV. Ability to demonstrate dedication to ethical professional behavior and dispositions	ADEPT: APS 10
V. Ability to engage in reflective practice to inform instruction and professional growth	ADEPT: APS 10

## GENERAL DESCRIPTION

The Spadoni College of Education strives for the highest quality in the preparation of individuals for the profession of teaching. The College's programs are approved by the South Carolina State Board of Education and nationally accredited by the National Council for Accreditation of Teacher Education (NCATE).

Field-based experiences and instruction, both sequential and incremental, are important components of each of the programs. Our local public schools work closely with the College to help provide relevant and productive sites for field placements of education majors. These schools, collaborate with the College to provide the personnel, curriculum, and environments necessary to offer effective instruction for prospective teachers.

All education majors are required to submit an Electronic Portfolio as a part of the total Assessment and Evaluation System.

When the academic program is successfully completed, students will have completed requirements toward receiving a South Carolina teaching license. Verification must be made by the Dean of the College that the student has achieved the minimum passing score on the appropriate content area Praxis I, Praxis II and PLT examinations. The South Carolina State Board of Education also requires candidates to undergo a fingerprint review and clearance by SLED and the FBI as a part of the application process for the Internship.

## ADVISEMENT

Following full admission to Coastal Carolina University, students who wish to pursue a degree offered by the Spadoni College of Education will be assigned an adviser on the basis of their desired major and area of emphasis. Current students desiring to transfer to the SCOE should contact the Education Department of your program of study for information and assistance. Advisers and advisees meet at least twice annually to review student progress and assist students with planning course selection.

## GRADE STANDARDS

All programs in teacher education follow the prescribed grading system established by Coastal Carolina University in terms of letter grades reported. In particular, however, specific standards have been identified. These standards are as follows:

1. All students must receive the grade of **C** or above in English 101 and English 102.
2. All students must receive, in their respective programs of study, the grade of **C** or above in each course listed under the heading core program requirements, in content-aligned courses, and teaching specialization courses. There are additional basic academic core courses that must also be passed with at least a **C** average. These basic academic courses differ by program and each program adviser will inform students appropriately as to these standards.
3. All *teacher education students* must have completed at least 60 hours of course work with a grade point average of at least 2.5 to be admitted to the Portal I. No transfer grades of "D" will be accepted to meet specific program/major requirements.

## **PROGRAM PROGRESSION IN TEACHER EDUCATION**

All programs in teacher education follow a specifically designed sequence of courses. Education majors, working with their advisers, select appropriate courses in the sequence each semester. Each program has identified performance criteria which must be mastered at designated "Portals." The following program progression sequence has been established.

### **PRE-PROFESSIONAL PROGRAM LEVEL (Years One and Two)**

During the first two years of study (approximately 60 hours) students will be advised by their advisers and complete the prescribed introductory courses for their respective program which will include but not be limited to: Education 110, 115, 116, 117, or Physical Education 131; Education 204; English 101 and 102 and the majority of their General Education course work. In addition, all pre-professional program education majors will be required to take and pass the PRAXIS I exam and at the conclusion of 60 hours of instruction will apply for admission to the Portal I.

#### **Portal I – Professional Program Admission Requirements**

- Completion of the Application (obtain in SCOE)
- Overall GPA of 2.5 on the requisite 60 hours of pre-program course work
- A grade of "C" in ENGL 101, ENGL 102, EDUC 204, and EDUC 110 or 115 or 116 or 117 or PHED 131
- Three (3) Recommendation Forms as prescribed
- Passing Score on all areas of PRAXIS I tests

#### **Portal II – Internship Admission**

- Completion of the Application
- Overall GPA of 2.5 on the requisite 90 hours of professional program course work
- Grade of "C" in all program course work
- Recommendation of the program faculty
- Successful completion of all field experiences prior to the internship
- Passing Score on all required PRAXIS II tests
- Clearance by SLED/FBI of criminal offense status as required by the State Department of Education
- Satisfactory completion of assigned portions of the Portfolio

#### **Portal III – Satisfactory Performance in the Internship\***

- Satisfactory Performance Ratings from Cooperating Teacher
- Satisfactory Performance Ratings from University Supervisor
- Passage of PLT Exam
- Approval of Program Faculty

\* While enrolled in the internship semester, student will spend all of each school day for a period of no fewer than sixty instructional days in the assigned teaching center. Students are prohibited from enrolling in any additional course work during this semester without program faculty recommendation and the consent of the Dean of the College.

#### **Portal IV – Application and Approval for Graduation**

- Completion of 100% of Program Course work with at least a grade of C
- Presentation of Portfolio to Program Faculty
- Completion of 100% of Electronic Portfolio
- Completion of Teacher Licensure Application and Requirements

## **BACKGROUND CHECKS**

All candidates for South Carolina teaching credentials must participate in a FBI fingerprint clearance with the results of the check being considered as a part of the application process for Internship. Additionally, all students in the Professional Program in Teacher Education are required to complete a variety of off-campus clinical experiences. Clinical placements, called field experiences placements, are made at the discretion of area school districts and districts reserve the right to disapprove requests for placements for just cause as determined by the district. Background declarations are asked of all students as a part of the admission process into *Portal I* in Teacher Education. Having been convicted of a crime or pleading no contest to or forfeiting bond for a crime may result in the disapproval of a clinical placement and the inability to obtain state teacher licensure. *Conviction of a felony prohibits a student from receiving a teaching license in the state of South Carolina, therefore, individuals with a conviction will be removed from the teacher education program. Questions regarding background checks should be addressed to the Director of Clinical Placements.*

## **ADMISSION TO THE PROFESSIONAL PROGRAM IN TEACHER EDUCATION**

During the semester or summer session in which 60 semester hours of study are completed, undergraduate students should apply to the Spadoni College for admission to Portal I. The following criteria are used in the application process.

1. Completion of an application for Admission to the Professional Program.
2. Completion of English 101 and 102 with a minimum grade of **C**.
3. Completion of Education 110 (for Elementary majors), Education 115 (for Early Childhood majors), Physical Education 131/132 (for Physical Education majors only), Education 116 (for Special Education majors), Education 117 (for Middle Grades majors) with a minimum grade of **C**.
4. Completion of Education 204 with a minimum grade of **C**.
5. Receipt of passing scores on ALL portions of the Pre-Professional Skills Test (PPST).
6. Submission of two recommendation forms from university professors outside the Professional Program in Teacher Education and one recommendation form from a SCOE professor.

Students may and are encouraged to take the PPST during the first or second semester of study. Information concerning registration for the PPST may be obtained in the Spadoni College of Education. Education majors must have received Admission to Portal I before they may register for professional education courses that are designated with program prefixes or those courses designated in the Teaching Specialization sequence.

Admission to Portal I is based on a consideration of each student's academic achievement, professional dispositions, test scores, and recommendations. Applicants and their advisers are notified in writing of the action of the application process.

## **ADMISSION TO INTERNSHIP (STUDENT TEACHING)**

During this sixty-day teaching field experience, interns observe the academic calendar of the public school to which they are assigned.

The internship experience is open to any student who:

1. Has formally applied for an internship placement by the stipulated deadline;
2. Has completed a minimum of 90 credits in the program of study and has received admission to Portal I;
3. Has successfully completed the pertinent Major Requirements and identified Foundation Courses which precede the internship, with a minimum grade of **C** in each course in the sequence;

4. Has earned a grade point average of no less than 2.5 in all course work (3.0 for MAT) taken prior to the internship semester;
5. Has received a positive recommendation from the program faculty regarding the readiness for entering the internship.
6. Has successfully passed the content and subject area examination(s) of the Praxis II with Item Analysis submitted.
7. Successful completion of Senior level candidate competency portfolio.
8. Successful completion of all field experiences prior to the internship.

While enrolled in the internship semester, students will spend all of each school day for a period of no fewer than sixty instructional days in the assigned teaching center. Students are responsible for their own transportation and insurance. Students are prohibited from enrolling in any additional course work during this semester without program faculty approval and the consent of the Dean of the College.

## **EARLY CHILDHOOD, ELEMENTARY, MIDDLE GRADES EDUCATION, PHYSICAL EDUCATION, AND SPECIAL EDUCATION**

### **EARLY CHILDHOOD EDUCATION (Pre K-3) MAJOR**

This major satisfies the educational requirements for South Carolina certification in Early Childhood Education in grades Pre K-3.

Students must earn a grade of C or above in all education core and teaching specialization courses; and all courses in english, mathematics, science, and social studies required as specified to meet the basic academic core for graduation.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation. Education 204 is required and meets this requirement.

Students should plan carefully with their adviser since some courses have prerequisites and are limited to specific semesters.

### **EARLY CHILDHOOD EDUCATION (Pre K-3) MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Early Childhood Education (Pre K-3)  
Major Requirements: Please see Summer Catalog supplement.

### **ELEMENTARY EDUCATION (2-6) MAJOR**

This major satisfies the educational requirements for South Carolina certification in Elementary Education in grades 2-6

Students must earn a grade of C or above in all education core and teaching specialization courses; and all courses in English, mathematics, science, and social studies required as specified to meet the basic academic core for graduation. One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation. Education 204 is required and meets this requirement.

Suggested semester sequences of courses are available.

## **ELEMENTARY EDUCATION (2-6) MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Elementary Education (2-6)

Major Requirements: Please see Summer Catalog supplement.

## **MIDDLE GRADES (5-8) EDUCATION**

Middle Grades Education is a course of study intended to meet South Carolina standards for Certification at this level (Grades 5-8). Coastal Carolina's program has been approved by the State Board of Education. Students must earn a grade of **C** or above in all education core and teaching specialization courses; and all courses in English, mathematics, science, and social studies required as specified to meet the basic academic core for graduation. One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation. Education 204 is required and meets this requirement.

Students should plan carefully with their assigned adviser since some courses have prerequisites and are limited to specific semesters.

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Middle Grades (5-8) Education

Major Requirements: Please see Summer Catalog supplement.

## **SPECIAL EDUCATION-LEARNING DISABILITIES (PRE K-12)**

This program of studies in Special Education is restricted to the preparation of teachers of students with Learning Disabilities. Candidates who complete the program will be certified/licensed in grades Pre K-12 in the area of Learning Disabilities. This program involves both in-class and field experiences that prepare candidates for this exciting and rewarding career field. Students must earn a "C" or above in all education core and teaching specialization courses as well as identified basic academic core courses. Students should plan carefully with their assigned adviser since some courses have prerequisites and are limited to specific semesters. Students may not participate in course designated with the Education/Learning Disabilities prefix until after being admitted to Portal I of Teacher Education.

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Special Education-Learning Disabilities (Pre K-12)

Major Requirements: Please see Summer Catalog supplement.

## **THE DEPARTMENT OF HEALTH, PHYSICAL EDUCATION, AND RECREATION**

The Department of Health, Physical Education and Recreation at Coastal Carolina University maintains that a healthy and active lifestyle is central to an institution's educational mission and an integral aspect of an individual's overall well being. Through a variety of student-centered academic programs and experiences, the Department endeavors to provide equitable opportunities for individuals to develop the knowledge, attitudes, behaviors, and skills to lead others to optimal levels of wellness. The Department aims to not only enhance the preparation of its future professionals, but also to benefit the student/faculty body at Coastal Carolina University, the surrounding schools and community, and the State of South Carolina.

The department offers three programs of study: Health Promotion, Physical Education Teacher Education, and Recreation and Sport Management. The department also offers three minors: Fitness, Health Promotion, and Sports Medicine. The objectives of each program and the required curriculum are provided below.

### **PHYSICAL EDUCATION TEACHER EDUCATION (K-12) MAJOR**

Students interested in becoming teachers of Physical Education Teacher Education (PETE) should begin by contacting the Chair of the Department of Health, Physical Education, and Recreation in the Spadoni College of Education, and planning their programs as early as possible. An adviser will be assigned from the faculty in Physical Education Teacher Education. Admission to the Professional Program in teacher education is not an automatic process. Formal application must be made for admission. Students should refer to the section **ADMISSION TO THE PROFESSIONAL PROGRAM** described earlier in this catalog. Admission to the Internship, the culminating directed teaching experience in the student's program, must also be applied for formally. Students should refer to the section **ADMISSION TO INTERNSHIP** described earlier in this catalog for regulations regarding this program component.

Objectives of the Physical Education Teacher Education Program are as follows:

1. Demonstrate an understanding of the intellectual, social, emotional, and physical characteristics of kindergarten through twelfth grade level students.
2. Demonstrate the ability to plan and implement a physical education curriculum consistent with the needs of the school and community.
3. Demonstrate the skills and knowledge needed to teach physical education, including but not limited to, knowing the basic anatomical structure of the body and its related concepts, administering physical fitness tests and computing the resultant data, adjusting instruction to various handicapping conditions, and planning exercise programs based upon sound physiological theory.
4. Demonstrate effective instructional skills in the areas of health and physical education, using a wide variety of teaching strategies, through peer teaching and practicum situations.
5. Demonstrate an ability to group and instruct students with varying rates, abilities, and styles of learning and appropriate evaluative techniques for kindergarten through twelfth grade levels.
6. Demonstrate the ability to adapt physical activity instruction to learners with special or exceptional needs.
7. Demonstrate a variety of motor skills to enhance proficiency in personal performance and subsequent curriculum development.
8. Demonstrate managerial leadership in the organization and administration of the school health, physical education, intramural, extramural, and athletic programs.

9. Demonstrate a knowledge of the history of kindergarten through twelfth grade education in the United States, as this relates to physical education.
10. Demonstrate the ability to function successfully in a public school setting in the physical education Internship experience.

This major satisfies the educational requirements for South Carolina certification in Physical Education in grade Pre K-12.

Students must earn a grade of C or above in each course used to satisfy Major Requirements and English 101 and 102.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

## **PHYSICAL EDUCATION TEACHER EDUCATION (K-12) MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Physical Education Teacher Education (K-12)  
Major Degree Requirements: Please see Summer Catalog supplement.

## **RECREATION AND SPORT MANAGEMENT MAJOR**

Through coursework, practicum, internship, research, and scholarly activities, the Bachelor of Science in Recreation and Sport Management (RSM) provides students with opportunities to study, analyze, evaluate, and successfully lead and implement programs in the fields of recreation and sport management.

The RSM program prepares students for professional employment in a variety of public, nonprofit, and private recreation and sport settings or graduate studies in the recreation and/or sport disciplines. The RSM major offers students a wide range of exciting career choices within many professional fields. Specialists in these areas manage recreation and/or sport activity facilities, supervise and plan indoor and outdoor recreation and sport events, and develop recreation and sport services among diverse settings and populations.

The RSM curriculum responds to the growing number of students desiring to study management and leadership in either the recreation or sport fields. All RSM students complete a common core of study to develop competencies in leadership, program planning, legal issues and risk management, research and evaluation, budgeting and finance, and facility and event management. The program offers two curricular tracks. The recreation management track emphasizes entry-level employment in the public sector focusing on the delivery of recreation and park programs and services to diverse populations, to include program delivery, planning, marketing, and budgeting. The sport management track focuses on preparing students to enter the growing field of sport delivery. Upon graduation, students will be able to enter commercial, amateur, professional, and collegiate sport settings, as well as nonprofit or community sport programs. Specific emphasis is devoted to governance of sport, marketing and promotion, finance/economics, sport and social issues, and management functions. All RSM students are required to complete a 12-week, 480-hour internship/field experience. The curricula for both tracks of study align with program approval competencies

of the National Recreation and Park Association (NRPA) and The North American Society of Sport Management (NASSM).

**Goal 1: Produce graduates with a strong theoretical foundation in recreation and/or sport behavior.** This background enables the manager to understand the motivations, expectations, and satisfactions of the participant, consumer, or spectator, and to incorporate these variables into sport and recreation events, programs, facilities, and services.

**Goal 2: Produce graduates with strong managerial skills and techniques specific to the delivery of recreation and sport services.** These competencies include a thorough background in the management, development, and operation of systems, facilities, programs, and ancillary services in recreational/sport systems.

**Goal 3: Produce reflective professionals who are able to research, analyze, evaluate, and interpret complex information for effective programs and services in recreation and/or sports.** This skill base prepares the manager for data-driven management techniques to solve complex problems, assess current services and programs, revise management strategy, and predict consumer demand specific to contemporary recreation and sport.

To meet these RSM program goals graduates will:

1. Understand the principles and philosophies underlying the field of recreation and sport management, distinguishing between recreation and sport venues.
2. Develop managerial skills in the areas of personnel, scheduling, promotion, program evaluation, decision-making, goal setting, and problem solving.
3. Successfully apply managerial skills in areas of budgeting and finance.
4. Understand legal and risk management aspects of sport and recreation management.
5. Demonstrate knowledge of facilities and events planning, facility/event risk management, equipment purchasing, repair, and maintenance.
6. Conduct appropriate needs assessment, marketing, and public relations necessary to promote and program recreational and sport events and activities.
7. Competently utilize research methods and data analysis to predict, plan, and evaluate programming and managerial strategies.
8. Demonstrate skills in leadership and counseling, crisis management, and resolution of problems concerning participants, parents, club members, and personnel.
9. Demonstrate skills in working with diverse populations in the recreation or sport management settings.
10. Acquire and refine ways to communicate with key constituencies, both internally and externally, in recreation or sport settings.
11. Recognize and identify moral and ethical issues related to sport or recreation settings, and react appropriately in the context of discipline principles and philosophy.
12. Gain in-depth field experiences in the recreation or sport and fitness industry through supervised management experiences.

#### Admission Requirements to the Major

Students must apply for admission to the RSM program. Admission criteria include:

- Documented meeting with Adviser in the Recreation and Sport Management program,

- Compete Recreation and Sport Management 242 and Health Promotion 121 with a grade of "C" or higher,
- Have completed a minimum of 45 semester hours with an overall grade point average (GPA) or 2.25,
- Complete an application of admission to the Recreation and Sport Management program and receive notice of acceptance.

#### Admission Requirements to the Internship

Students must also apply for admission to the capstone internship experience, and must:

- Achieve a grade of "C" or better in all RSM Foundation and Major Courses,
- Hold an overall GPA of 2.25 or higher,
- Successfully complete oral and written (comprehensive) exit exams during Recreation and Sport Management 396,
- Complete an application for admission to the internship and receive notice of acceptance.

## **RECREATION AND SPORT MANAGEMENT MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

### Bachelor of Science in Recreation and Sport Management

Major Degree Requirements: Please see Summer Catalog supplement.

## **HEALTH PROMOTION MAJOR**

Students interested in the Health Promotion major should begin by contacting the Chair of the Department of Health, Physical Education, and Recreation in the Spadoni College of Education and planning their program of study as early as possible.

A major in health promotion offers students the opportunity to explore the art and science of helping people change their lifestyle to move toward a state of optimal health. Lifestyle changes may be facilitated by enhancing awareness, changing behavior, or creating environments that support better health practices. Students will be prepared for advanced degree study in health science or for employment in a variety of health service-related settings such as local, state, national, international, and voluntary health agencies, in wellness programs within business and industry, in medical facilities, or in private consultation. Completion of the program also qualifies students to apply for certification through the National Commission for Health Education Credentialing, Inc. (NCHEC) as a Comprehensive Health Education Specialist (CHES).

The objectives of the Health Promotion major include but are not limited to the following:

1. to assess individual and community needs for health education and promotion.
2. to plan for effective health education and promotion programs through demonstration of effective communication, selection of appropriate scope and sequence, and formulation of measurable program objectives.
3. to exhibit competence in implementing health education programs through proper planning, application of suitable methods and media, and adjustment of objective and activities as necessary.
4. to effectively evaluate health education and promotion programs.
5. to demonstrate competence in conducting research in the health field.

6. to act as a resource person in health education and promotion.
7. to effectively communicate health education and promotion needs, concerns, and resources.

Students must earn a grade of C or above in each course used to satisfy Major Requirements, Cognate Requirements, and Minor Requirements. A grade of C or above is required in English 101 and 102.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

Students who intend to earn a degree in Health Promotion must be accepted as degree candidates pursuing a major course of study in Health Promotion.

### **Admission to Degree Candidacy**

Students interested in the program should declare their interest in the Health Promotion major at the time of admission to the University. Prior to full admittance to the program, a student must:

- See an adviser in the Health Promotion program for guidance,
- Complete Health Promotion 121 and 201 with a grade of C in each course,
- Have completed a minimum of 45 semester hours with an overall Coastal Carolina University grade point average of 2.25, to be maintained for admission to the Internship,
- Complete an application for admission to the Health Promotion program and receive notice of acceptance.

## **HEALTH PROMOTION MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Health Promotion

Major Degree Requirements: Please see Summer Catalog supplement.

## **HEALTH PROMOTION MAJOR WITH EMPHASIS IN HEALTH COMMUNICATION**

This option will introduce students to the growing discipline of Health Communication and prepare them for entry-level positions and graduate level education in the field. Health communication is beneficial to promoting and protecting the public's health in that it can increase knowledge and awareness of health issues, problems and solutions or influence perceptions, attitudes and beliefs that may affect social norms.

The importance of the ability to communicate effectively and simultaneously with very diverse audiences on complicated health issues via multiple communication channels is becoming increasingly evident with the daily discovery of new infectious diseases and other risk factors compromising our multicultural society's health.

Completion of the program qualifies students to apply for certification through the National Commission for Health Education Credentialing, Inc. (NCHEC) as a Comprehensive Health

Education Specialist (CHES).

Students must earn a grade of C or above in each course used to satisfy Major Requirements, and Health Communication Emphasis Requirements.

Students who intend to earn a degree with a Communication Emphasis must be accepted as degree candidates pursuing a major course of study in Health Promotion/Communication.

Admission to Degree Candidacy

Students interested in the program should declare their interest in the Health Promotion/Communication option program at the time of admission to the University. Prior to full admittance to the program, a student must complete the following:

- See an adviser in the Health Promotion Program for guidance,
- Complete Health Promotion 121 and 201 with a grade of C in each course,
- Have completed a minimum of 45 semester hours with an overall Coastal Carolina University grade point average of 2.25, to be maintained for admission to the Internship,
- Complete an application for admission to the Health Promotion Communication major and receive notice of acceptance.

Students interested in Health Communication should substitute the 15 hours in Group IV (Cognate or Minor Requirements, See Summer Catalog supplement) above with the following courses:

Communication 101 .....	3
Communication 274 .....	3
Communication 311 .....	3
Communication/Journalism 312.....	3
Communication 410 .....	3

**HEALTH PROMOTION MAJOR WITH EMPHASIS IN HEALTH COMMUNICATION**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

**Bachelor of Science in Health Promotion With Emphasis in Health Communication**

Major Degree Requirements: Please see Summer Catalog supplement.

**HEALTH PROMOTION MAJOR WITH SPORTS MEDICINE OPTION**

Students selecting the Health Promotion Degree with a Sports Medicine Option have the opportunity to explore health promotion and also the growing field of sports medicine/athletic training. Although students in this program will develop skills in the areas of prevention, evaluation, care, and rehabilitation of athletic injuries, completion of this emphasis does not qualify students to sit for the National Athletic Trainers Association (NATA) exam; further study at the undergraduate or graduate level at a NATA approved program will be necessary.

Completion of the program does qualify students to apply for certification through the National Commission for Health Education Credentialing, Inc. (NCHEC) as a Comprehensive Health Education Specialist (CHES).

Students must earn a grade of C or above in each course used to satisfy Major Requirements,

Cognate Requirements, and Minor Requirements. A grade of C or above is required in English 101 and 102. A grade of C or above in English 101 is a prerequisite for English 102. One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

Students who intend to earn a degree in Health Promotion with a Sports Medicine Option must be accepted as degree candidates pursuing a major course of study in Health Promotion/Sports Medicine.

### **Admission to Degree Candidacy**

Students interested in the program should declare their interest in the Health Promotion/Sports Medicine Emphasis program at the time of admission to the University. Prior to full admittance to the program, a student must complete the following:

- See an adviser in the Health Promotion program for guidance,
- Complete Health Promotion 121 and 201 with a grade of C in each course,
- Have completed a minimum of 45 semester hours with an overall Coastal Carolina University grade point average of 2.25, to be maintained for admission to the Internship,
- Complete an application for admission to the Health Promotion/Sports Medicine major and receive notice of acceptance.

## **HEALTH PROMOTION MAJOR WITH SPORTS MEDICINE OPTION**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Health Promotion with Sports Medicine Option  
Major Degree Requirements: Please see Summer Catalog supplement.

## **MINORS IN HEALTH, PHYSICAL EDUCATION, AND RECREATION**

The department offers three minors. Students interested in pursuing any of the minors should begin by contacting their adviser or the Chair in the Department of Health, Physical Education, and Recreation and planning their program of study as early as possible. The minor should be determined in consultation with the student's major adviser. All minors require a grade of C or above in all course work applied to the minor. A description of each HPER minor and the required course work is provided below.

### **FITNESS MINOR**

The Fitness Minor provides students with essential skills and knowledge to successfully enter the growing fitness industry. The minor combines the scientific background with the hands-on experiential skills necessary to effectively lead fitness programs for individuals and groups in public, private, corporate, or commercial settings. Students are required to complete a practicum in the Community Fitness Testing program. Students are eligible for ACSM certification after completion of the minor.

<b>Courses Required (19 Credits)</b>	<b>Credits</b>
Biology 232/232L.....	4
Biology 242/242L.....	4
Physical Education 220.....	3
Physical Education 385.....	3
Physical Education 398.....	1
Physical Education 402 /402L.....	4

**Electives (3-4 Credits)**

Choose one of the following courses:

Physical Education 401/401L.....	4
Physical Education 413.....	3
Physical Education 450.....	3
Health Promotion 340.....	3
Health Promotion 404.....	3

TOTAL CREDITS REQUIRED

22-23

**HEALTH PROMOTION MINOR**

The Health Promotion minor provides students with an overview of the art and science of helping people change their lifestyle to move toward a state of optimal health. Students interested in pursuing teacher certification in Health should contact the department chair or program coordinator for information regarding course requirements for health certification in South Carolina.

<b>Courses Required (12 Credits)</b>	<b>Credits</b>
Health Promotion 121.....	3
Health Promotion 310.....	3
Health Promotion 382.....	3
Health Promotion 404.....	3

**Electives (9-10 Credits)**

Select three courses from the following:

Biology 232/232L or Biology 242/242L.....	4
Health Promotion 235.....	3
Health Promotion 331.....	3
Health Promotion 333.....	3
Health Promotion 340.....	3
Health Promotion 347.....	3
Health Promotion 480.....	3
Sociology 360, 455, 460, Psychology 333 or 423.....	3

TOTAL CREDITS REQUIRED

21-22

**SPORTS MEDICINE MINOR**

The Sports Medicine minor provides students with course work related to sport rehabilitation. Courses in this minor will assist students in developing the skills essential to conduct programs dealing with prevention, evaluation, care, and rehabilitation of athletic injuries. Completion of this minor does not qualify student to sit for the National Athletic Trainers Association (NATA) exam for licensure as an athletic trainer; further study at the undergraduate or graduate level in an NATA-approved curriculum will be necessary.

<b>Courses Required (31 Credits)</b>	<b>Credits</b>
Biology 232/232L, 242/242L.....	8
Health Promotion 121 .....	3
Health Promotion 235 .....	3
Health Promotion 404 .....	3
Physical Education 401/401L.....	4
Physical Education 402/402L.....	4
Physical Education 404 .....	3
Physical Education 440 .....	3
<b>TOTAL CREDITS REQUIRED</b>	<hr/> 31

**PHYSICALLY ACTIVE LIVING SKILLS (PALS)**

PALS 102 through 190 are part of the Physically Active Living Skills (PALS) courses in the Department of Health, Physical Education, and Recreation (HPER). These half-semester courses (Fall or Spring I and II) are open to all Coastal Carolina University students for academic credit. Unless otherwise noted in the catalog, PALS courses may be taken up to two times for academic credit.

The PALS courses are designed to promote lifelong physical activity by developing the knowledge, skills, and attitudes for successful and safe participation. The courses seek to add value to the Coastal experience by increasing physical activity levels of students and through the transfer of knowledge, skills, and attitudes to the lifelong pursuit of a healthy lifestyle.

Specifically, PALS courses enable the student to:

- (1) Engage in structured physical activity at least twice weekly
- (2) Learn to improve physical activity skills that can be continued throughout the lifespan.
- (3) Develop personal skills and habits that modify sedentary or unhealthy behaviors.
- (4) Develop an appreciation of various forms of physical activity as it contributes to a wellness lifestyle.

Course offerings are divided into three categories:

- Personal Fitness Activities (PALS 102-124)
- Lifetime Sports (PALS 125-149)
- Lifetime Physical Activity Skills (PALS 150-180).

## **THE THOMAS W. AND ROBIN W. EDWARDS COLLEGE OF HUMANITIES AND FINE ARTS**

William Richardson, *Dean*

John P. Beard, *Associate Dean*

John J. Navin, *Associate Dean*

Roy Talbert, Jr., *Director of the Waccamaw Center for Cultural and Historical Studies*

### **DEPARTMENT OF COMMUNICATION**

Lee Bollinger, *Associate Professor*

Linda P. Kuykendall, *Senior Instructor*

Steven Madden, *Professor and Chair*

Deborah Walker, *Assistant Professor*

### **DEPARTMENT OF ENGLISH**

Dantzer Albergotti, *Assistant Professor*

Maria K. Bachman, *Associate Professor*

John P. Beard, *Professor*

Daniel J. Ennis, *Associate Professor and Chair*

Veronica D. Gerald, *Assistant Professor*

Steven L. Hamelman, *Professor*

Linda P. Hollandsworth, *Professor*

Miglena Ivanova, *Assistant Professor*

Peter C. Lecouras, *Associate Professor*

Donald Millus, *Professor*

Ray R. Moye, *Associate Professor*

Nelljean M. Rice, *Associate Professor*

Julia A. Ross, *Instructor*

Sara L. Sanders, *Professor*

Clifford Saunders, *Instructor*

Jill Sessoms, *Professor*

Shannon Stewart, *Assistant Professor*

### **DEPARTMENT OF FOREIGN LANGUAGES**

Lisa A. Barboun, *Assistant Professor*

Matthieu Chan Tsin, *Assistant Professor*

Dale A. Collins, *Assistant Professor*

Elsa Crites, *Associate Professor*

JoAnne Flanders, *Senior Instructor*

Michael John T. Gilbert, *Associate Professor*

Pedro Maligo, *Associate Professor and Chair*

José Luis Mireles, *Instructor*

Mario Morales, *Instructor*

J. Alberto Pérez, *Assistant Professor*

José H. Sanjinés, *Associate Professor*

Maria Luisa Torres, *Assistant Professor*

Rebecca Williams, *Instructor*

### **DEPARTMENT OF HISTORY**

James J. Farsolas, *Professor*

F. Eliza Glaze, *Assistant Professor*

Lawrence J. Kent, *Senior Instructor*

Brian K. Nance, *Professor*  
John J. Navin, *Associate Professor*  
Robert T. Oliver, *Senior Instructor*  
Eldred Prince, Jr., *Professor and Chair*  
William Richardson, *Professor*  
Roy Talbert, Jr., *Professor*  
Kenneth W. Townsend, *Professor*  
Philip Whalen, *Assistant Professor*

## **DEPARTMENT OF MUSIC**

Steve Bailey, *Artist in Residence*  
David A. Bankston, *Associate Professor*  
Patti Edwards, *Assistant Professor*  
Charles Jones Evans, *Artist in Residence*  
Richard Johnson, *Professor and Chair*  
Philip Powell, *Associate Professor*  
Tonya Propst, *Assistant Professor*  
Terri Sinclair, *Assistant Professor*  
Gary Stegall, *Associate Professor*  
James Tully, *Associate Professor*

## **DEPARTMENT OF PHILOSOPHY AND RELIGION**

Robert Bass, *Assistant Professor*  
Dennis Earl, *Assistant Professor*  
Preston L. McKeever-Floyd, *Assistant Professor*  
Julinna Oxley, *Assistant Professor*  
Nils Rauhut, *Associate Professor and Chair*  
Michael S. Ruse, *Associate Professor*  
Renée Smith, *Assistant Professor*

## **DEPARTMENT OF POLITICS AND GEOGRAPHY**

Richard O. Collin, *Professor and Palmetto Professor of Politics*  
Edgar L. Dyer, *Professor*  
James D. Henderson, *Professor*  
Alan L. Little, *Senior Instructor*  
Pamela Martin, *Assistant Professor*  
Paul C. Peterson, *Professor*  
John V. Riley, *Associate Professor*  
Kenneth Rogers, *Professor and Chair*  
Holley Tankersley, *Assistant Professor*

## **DEPARTMENT OF THEATER**

Robin Edwards-Russell, *Associate Professor*  
R. Stephen Earnest, *Associate Professor*  
Eric Hall, *Assistant Professor*  
Kenneth Martin, *Associate Professor and Chair*  
Sandra L. Shackelford, *Professor*  
Greg Williams, *Assistant Professor*

## **DEPARTMENT OF VISUAL ARTS**

Steven Bleicher, *Associate Professor and Chair*  
Daryl Fazio, *Assistant Professor*

Arne Flaten, *Assistant Professor*  
Elizabeth F. Keller, *Professor*  
Maura Kenny, *Professor*  
Treelee MacAnn, *Professor*  
Paul A. Olsen, *Professor*  
Susan J. Slavik, *Associate Professor*

## **DEGREES**

### **BACHELOR OF ARTS**

Art Studio  
Communication  
Dramatic Arts  
English  
History  
Music  
Musical Theater  
Philosophy  
Political Science  
Spanish

Students majoring in certain disciplines within the Edwards College of Humanities and Fine Arts (Art Studio, English, History, Music, Political Science, Spanish) may desire to earn teacher certification through a cooperative program with the Spadoni College of Education. Interested students should contact their advisers for detailed information.

### **ADVISERS**

Visual Arts—Stephen Bleicher  
Art Education—Stephen Bleicher  
English —Daniel Ennis  
Foreign Languages—Pedro Maligo  
History—Eldred E. Prince, Jr.  
Music—Richard Johnson

Music Education—Tonya Propst  
Musical Theater—Kenneth Martin  
Philosophy and Religion—Nils Rauhut  
Politics and Geography—Kenneth Rogers  
Theater—Kenneth Martin

## **DEPARTMENT OF COMMUNICATION**

### **COMMUNICATION MAJOR**

The program is designed to examine communication behaviors as they occur in social contexts, such as public addresses, written rhetoric, nonverbal behaviors of individuals and groups, interactions within organization, and, on a more personal level, relational or interpersonal communication patterns.

### **COMMUNICATION MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Communication

Major Requirements: Please see Summer Catalog supplement.

## INTERDISCIPLINARY COMMUNICATION MINOR

Adviser: Dr. Lee Bollinger

Communication 101 .....	3
Communication 274 .....	3
Communication 401 .....	3
English 459 .....	3
Communication/Theater 341 .....	3
Two courses chosen from the following .....	6
Business Administration 350, Communication 302, Communication 495, Computer Science 120, Journalism 309, Philosophy 305, or Communication/Theater 334	

TOTAL CREDITS REQUIRED: 21

A grade of C is required in each course to be applied toward the minor.

Note: Upper-level courses often require prerequisites that must be met before enrolling. For example, Theater 341 Advanced Public Speaking requires that students first complete Theater 140 Oral Communications, or Business Administration 350. Marketing has a prerequisite of completing either Economics 101 or 202. Depending on the student's major, many prerequisites may be taken as Core Curriculum courses.

## JOURNALISM MINOR

### Credits

Journalism 201 .....	3
Journalism 304 .....	3
Journalism 305 .....	3
Journalism 489 .....	3
Two journalism electives .....	6
(Journalism 495: Internship may count as one elective)	
One elective in related field to be approved by adviser .....	3

TOTAL CREDITS REQUIRED 21

A grade of C or above is required in each course to be applied toward the minor.

## DEPARTMENT OF ENGLISH

### ENGLISH MAJOR

#### EDUCATIONAL OBJECTIVES

Students who complete the requirements for a degree in English will be able to do the following:

1. Demonstrate an ability to write essays, both formal and informal, that reflect a proficient use of academic research skills and rhetorical conventions.
2. Demonstrate an ability to read and analyze, both orally and in writing, texts from the four major literary genres - fiction, poetry, drama, and creative non-fiction.
3. Demonstrate knowledge of the cultural or historical context of major literary
4. Demonstrate an understanding of the characteristics of the linguistic system and the historic development of language.
5. Demonstrate a mastery of advanced reading, writing, analytical and interpretive techniques suitable for a variety of academic, creative, and professional settings.

A maximum of 48 credits may be applied toward satisfying the Foundation Courses and Major Requirements in English.

Students majoring in English must earn a grade of C or above in all English courses, and must pass the English Assessment Examination.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

All English majors will participate in the English Department Assessment, a departmentally-selected, nationally-normed examination designed to measure student mastery of commonly-accepted English major content. Completion of the examination before graduation-not the achievement of a particular score-will constitute acceptable participation.

## ENGLISH MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in English

Major Requirements: Please see Summer Catalog supplement.

## ENGLISH MINOR

Credits

One course from English 275, 276, 287, 288 (in addition to core).....	3
English 300.....	3
Four English courses from 301-499.....	12
(English 399 may be used to satisfy up to 3 credits of the English Minor.)	

TOTAL CREDITS REQUIRED

18

A grade of C or above is required in each course to be applied toward the minor.

## INTERNATIONAL STUDY PROGRAMS

English majors may elect to spend either a semester or one year at one of Coastal's partner universities. Students are also welcomed to participate in programs through other study abroad providers. With the approval of the chair and the dean, credits earned may be used to satisfy degree requirements or as cognates and/or electives. For further information, please contact the Office of International Programs and Services.

## DEPARTMENT OF FOREIGN LANGUAGES

### EDUCATIONAL OBJECTIVES

1. To enable all University students to fulfill the Foreign Language core curriculum requirement by successfully completing the 130 course in French, German, Italian, Japanese, Latin, or Spanish.
2. To develop an appreciation and knowledge of the various aspects of the cultural

- traditions associated with French, German, Italian, Japanese, Latin, or Spanish. and to provide a basis for cultural comparison.
3. To give students the opportunity to further develop skills in speaking, writing, reading, and comprehension in French, German, Italian, Japanese, Latin or Spanish.
  4. To give students the opportunity to further develop an appreciation and knowledge of the literary and cultural traditions associated with French, German, Italian, Japanese, Latin, or Spanish.
  5. To promote student participation in study abroad programs as well as in non-English speaking communities in the United States, and
  6. To promote close contact with other disciplines and to collaborate with other existing and developing University programs to prepare students to successfully compete for employment in the global economy.

## GENERAL INFORMATION

The foreign language requirement in all programs at Coastal Carolina University can be satisfied by successful completion of French 130, German 130, Italian 130, Japanese 130, Latin 130, or Spanish 130. Foreign language courses numbered 110 and 120 or 111 or the equivalent are prerequisites for enrollment in 130.

All students are strongly encouraged to pursue study abroad opportunities during Maymester, summer, or through semester or academic year programs.

All Spanish majors will be required to take a departmental exit exam in the last semester before their graduation.

## PLACEMENT

In order to demonstrate proficiency in a foreign language, a student must successfully complete the 130 or a *higher level course* in French, German, Italian, Japanese, Latin, or Spanish. The student also has the option to take Japanese 110 at Coastal and successfully complete the 130 equivalent by participating in Coastal's exchange program with Tokyo Denki University.

French, German, and Spanish 350 (Language Study Abroad) cannot be used to fulfill the foreign language requirement in the core curriculum.

## Starting a New Language

Students who wish to start a new language should register for a 110 course.

### Placement in French, German, or Spanish (for continuing students):

All first-time students who studied French, German, or Spanish in high school or a previous higher education institution must take the Placement Exam that is administered on the World Wide Web. All students continuing in one of these languages are expected to take the exam before coming to Coastal. (It takes between 10 and 30 minutes to complete.) Students can take the test by going to the web site [www.coastal.edu/advising](http://www.coastal.edu/advising) and following the links to the particular test. The student's user name is *coastal* and the password is *real*. All first-time students must clarify their language placement status during Orientation or their initial registration. Any questions should be directed to the Foreign Language Instructional Center (FLIC) at 349-2478.

Students who place above the 130-level on the Placement Exam:

- and wish to enroll in a French, German, or Spanish course numbered higher than 130 should contact the chair of the foreign language department for permission.
- and wish to receive credit for 130 or above must take the College Level Examination Program (CLEP) that is administered at CCU's Testing Center located in Myrtle Beach (843-349-4004).

**Placement in Italian, Japanese, or Latin** (for continuing students)

Students who wish to continue with Italian, Japanese, or Latin and have had two years of that language in high school with an average grade of "B" or better should register for 120. Entering students with three years of high school preparation with a "B" or better average may go directly into 130. Students who wish to continue with Japanese are encouraged to participate in Coastal's exchange program with Tokyo Denki University in Japan.

**Special Cases: Exemption for Non-Native English Speakers**

Students whose native language is other than English and who have scored either 550 on the paper-based or 213 on the computer-based Test of English as a Foreign Language (TOEFL), are exempt, without credit, from Coastal's language requirement.

English speaking students with transferable credits in a foreign language or who can demonstrate native or near-native proficiency in a language other than English are also exempt, without credit, from this requirement.

All exemptions must be approved by the student's college Dean and by the Chair of the Department of Foreign Languages.

**Important:** *All students (except transfers) are expected to complete the 130 requirement by the end of their sophomore year.*

**SPANISH MAJOR**

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

**SPANISH MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Spanish

Major Requirements: Please see Summer Catalog supplement.

**FOREIGN LANGUAGE MINORS**

The minor is intended for non-native speakers of the language in question.

At least 6 credit hours of the minor courses must be taken at Coastal; some of the requirements for the minor may be met through study abroad.

Students minoring in a foreign language must earn a C or above in each course to be applied toward the minor.

**SPANISH MINOR**

**Credits**

The Spanish Minor at Coastal Carolina University requires a total of 12-15 hours above the 210 level. The following courses are required.

**Prerequisites:**

- Spanish 110 and 111, or 120, or the equivalent ..... 0-6
- Spanish 130 and 210, or the equivalent ..... 3-6

**Spanish Minor Core**

Twelve to fifteen (12-15) credits of advanced Spanish above 210 to include:

- a. Spanish 211 .....3
  - b. Spanish 321, 323, 330, or 333 (Choose one).....3
  - c. Spanish 340.....3
  - d. One to two Spanish electives above Spanish 329 ..... 3-6
- NOTE: Spanish 350 or Spanish Language Study Abroad may be applied to the minor for 3-6 credit hours.

TOTAL CREDITS REQUIRED 15-27\*  
 \*Depending on entry-level placement

Spanish 399 may **not** be used to satisfy the Minor Core

**FRENCH MINOR**

**Credits**

The French Minor at Coastal Carolina University requires a minimum of 12-15 hours above the 210 level. The following courses are required.

**Prerequisites:**

- French 110, 111, or 120, or the equivalent ..... 0-6
- French 130 and 210, or the equivalent ..... 3-6

**French Minor Core**

Twelve credits of advanced French above 299 to include:

- a. French 310 .....3
- b. French 311 .....3
- c. French 400 or 401 .....3
- d. One French elective above French 299.....3

TOTAL CREDITS REQUIRED 24\*  
 \*Depending on entry-level placement

French 399 may **not** be used to satisfy the French minor Core.

**GERMAN MINOR**

**Credits**

The German Minor at Coastal Carolina University requires a minimum of 12-15 hours above the 210 level. The following courses are required.

**Prerequisites:**

- German 110, 111, or 120, or the equivalent..... 0-6
- German 130 and 210, or the equivalent ..... 3-6

**German Minor Core**

Twelve credits of advanced German above 299 to include:

- a. German 310.....3
- b. German 311 .....3
- c. German 400 or 401 .....3
- d. One German elective above German 299 .....3

TOTAL CREDITS REQUIRED 24\*  
 \*Depending on entry-level placement

German 399 may **not** be used to satisfy the German Minor Core.

## DEPARTMENT OF HISTORY

### EDUCATIONAL OBJECTIVES

1. History majors will complete successfully the Core Curriculum as prescribed in the *University Catalog* for the appropriate year.
2. Each history major will be generally aware of global historical developments.
3. History majors will establish a concentration in either European or United States history, or a combination of the two.
4. History majors will undertake some upper-level course work in a non-Western area.
5. History majors will demonstrate a substantially greater knowledge of history than can a similar group of non-history majors.
6. History majors will exhibit a general awareness of the major philosophical and methodological problems facing the historical investigator.
7. History majors will be able to conduct standard historical investigations, including the identification and research of primary sources.
8. History majors will be able to present the results of standard historical investigations in acceptably written, formal papers.

### HISTORY MAJOR

A maximum of 33 credits may be applied toward satisfying the Foundation Courses and Major Requirements.

Students majoring in history must earn a grade of **C** or above in all history courses.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

### HISTORY MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in History

Major Requirements: Please see Summer Catalog supplement.

### HISTORY MINOR

### Credits

History 101, 102, 201 and 202.....	12
Four (4) history courses numbered 300 or above.....	12
(History 399 may <u>not</u> be used to satisfy the history minor.)	

### TOTAL CREDITS REQUIRED

24

A student must earn a grade of **C** or above in all courses to be applied to the minor in History.

## DEPARTMENT OF MUSIC

### MUSIC MAJOR

#### EDUCATIONAL OBJECTIVES

The Music Program is dedicated to developing graduates who are well versed as musicians, teachers, performers, composers, and scholars. Mastery of these media allow graduates to contribute to their craft through performances, works, and ideas of integrity. Through programs and associated activities, graduates will:

1. develop the musical understandings, performance abilities, and creative and critical skills of all music students.
2. develop their own knowledge, understanding, and ability in all aspects of music at the undergraduate level.
3. develop performance skill and teacher training through distinguished instruction and outstanding performance opportunities.
4. develop the pedagogical insights and communicative skills of prospective teachers, and
5. develop a high degree of professionalism in scholarship and in performance.

### MUSIC MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Music

Major Requirements: Please see Summer Catalog supplement.

#### MUSIC MINOR

#### Credits

Music 115, 116, 117, 118.....	8
Ensemble Performance .....	4
Applied Music.....	8
Music 110, 357.....	6

TOTAL CREDITS REQUIRED

26

A grade of C or above is required in each course to be applied toward the minor.

## DEPARTMENT OF PHILOSOPHY AND RELIGION

#### EDUCATIONAL OBJECTIVES

As a community of scholars, teachers and learners, the Department of Philosophy and Religion seeks:

1. to provide an environment that will encourage students to create and attain vital learning experiences.
2. to instill in students an understanding of the basic questions of Philosophy and Religion.
3. to acquaint students with the thoughts and theories of the major philosophers.

4. to equip students to think, live, recognize value and contribute within the everchanging world culture.
5. to offer courses that are compatible with and contribute to the aims of other departments.

**EDUCATIONAL OBJECTIVES FOR PHILOSOPHY MAJORS**

Students who complete the requirements for a degree in Philosophy will exhibit the following competencies:

1. Acquaintance with the major philosophers and their ideas, including ancient philosophers, medieval thinkers, modern (18th and 19th century) philosophers, and the main philosophical developments of the 20th century.
2. Ability to engage the philosophical problems of knowledge, mind and reality, language, religion, and science; including the ability to apply analytic methods to these problems.
3. A sound grounding in the discipline of logic, including linguistic analysis, formal reasoning and inferential systems such as the syllogism and symbolic logic, and artificial languages.
4. Experience in applying philosophic analysis in solving concrete problems of human experience in areas including business, the environment and medicine, through the understanding of a wide array of ethical theories.

**PHILOSOPHY MAJOR**

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

**PHILOSOPHY MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Philosophy

Major Requirements: Please see Summer Catalog supplement.

**PHILOSOPHY MINOR**

**Credits**

Philosophy 110, Introduction to Logic and Critical Thinking <b>or</b>	
Philosophy 321, Symbolic Logic .....	3
Philosophy 300, Ancient Philosophy .....	3
Philosophy 301, Modern Philosophy .....	3
Choose one of the following:	
Philosophy 305, Contemporary Moral Issues	
or 311, Ethical Theory	
or 317, Bio-Medical Ethics	
or 318, Business Ethics	
or 319, Environmental Ethics .....	3
Two Philosophy electives.....	6

TOTAL CREDITS REQUIRED

18

A grade of **C** or above is required in each Philosophy course to be applied toward the major or minor.

For information regarding interdisciplinary philosophy and religion studies at Coastal, refer to the Interdisciplinary Studies section of this catalog.

## **DEPARTMENT OF POLITICS AND GEOGRAPHY**

### **EDUCATIONAL OBJECTIVES**

1. The student will gain knowledge of the major methodological controversies in the discipline.
2. The student will gain knowledge of the most significant schools of thought with regard to defining the scope of the discipline.
3. The student will gain knowledge of the constitutional foundation and institutional structure of American government.
4. The student will gain knowledge of the philosophic tradition of political science and the great thinkers.
5. The student will gain knowledge of organizational and managerial principles in the public sector.
6. The student will gain knowledge of how the American political system compares with selected other systems.
7. The student will gain knowledge of the ways in which nations of the world interact politically, diplomatically, economically, and militarily.

### **POLITICAL SCIENCE MAJOR**

Political Science is a liberal arts major designed to introduce students to the enduring questions of politics and the institutions and political life of America and other regions and countries of the world. Students successfully completing the undergraduate program in Political Science will be competitive for positions in the private and public sectors for which a general undergraduate baccalaureate degree is considered an entry level requirement. Students who complete the undergraduate program with a high degree of success will be prepared for graduate work in Political Science or law school.

A maximum of 30 credits may be applied toward satisfying Foundations Courses and Major Requirements.

Students majoring in Political Science must earn a **C** or above in each course used to satisfy Major Requirements.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

Students who wish to pursue a degree in Political Science must conform to the following departmental regulations:

1. Students must register with the Department by consulting the departmental administrative specialist and/or the Chair of the Department to be counseled and to be assigned an adviser.
2. Students with prior college work will not be accepted into the department unless, in the view of the Chair, their previous work suggests the ability to perform at the standard demanded by the Department. In general, this will mean at least a **C** average in previous work.
3. To remain a member of the department, a student must maintain a **C** average both in overall academic work and in all courses taken within the department itself. Students who fail to maintain this academic standard may be dropped from the Department by the Chair upon unanimous recommendation of the departmental faculty.

**POLITICAL SCIENCE MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Political Science

Major Requirements: Please see Summer Catalog supplement.

**POLITICAL SCIENCE MINOR**

**Credits**

Politics 201.....	3
Four Politics courses at the 300-level or above.....	12
Politics elective.....	3
(Politics 399 may not be used to satisfy the minor requirement.)	

TOTAL CREDITS REQUIRED

18

The minor sequence should be determined in consultation with the student's major adviser and an adviser in the Department of Politics and Geography. A student must earn a C or above in all courses to be applied toward the minor in political science.

**INTERNATIONAL STUDIES MINOR**

Adviser: Dr. Pamela Martin

Students pursuing the International Studies Minor must consult with their major adviser and with the adviser of the minor to select courses that meet the program requirements. As a part of the application for the minor, students must meet all the courses' prerequisites and must explain their selections and how they complement their major course of study.

Students must select a total of six (6) courses minimum for the minor. In addition, a foreign language competency is required at the 210 level. If the student has studied another modern language at a comparable level, a substitution may be considered. Foreign Language 350 (Study Abroad) can be used to satisfy the language requirement. Students intending to obtain a minor in International Studies might need to take lower levels of the foreign language (e.g., 110, 120, 130), and they should plan to do that ahead of time. A maximum of two (2) courses from one field of study can be used toward the electives for this minor. Of the required six courses (18 credits) for the minor, only two (6 credits) may be below the 300 level. Other appropriate courses can be added to the minor at the discretion of the Adviser.

Many of the courses listed are offered on a limited basis. It is important to verify that the selections will be taught during the desired period of undergraduate study. The student must earn a grade of C or a passing certificate for each course applied to the minor.

**Language Requirements (3 Credits)**

**Credits**

French 210, German 210, Spanish 210 (Choose one) .....	3
--	---

**Electives (18 Credits)**

Student must choose a minimum of 6 courses (18 credits) from the following list. Of the total minimum credits of 18 required for completion of the minor, only 6 credits may be below the 300 level.....18

Art Education 379  
 Art History 105, 106, 322, 323, 324, 499  
 Biology 390, 391, 477  
 Business Administration 401, 402, 454, 463, 472  
 Economics 101, 201, 202, 351, 352  
 English 276, 329, 382, 425, 443, 488  
 French 350, 400, 401  
 Geography 121, 425, 426  
 German 350, 400, 401, 405  
 History 308, 313, 314, 317, 326, 327, 337, 348, 349, 355, 366, 376, 377, 443, 445, 450  
 Italian 110, 120, 130  
 Japanese 110, 120, 130  
 Marine Science 473  
 Philosophy 300, 301, 305, 310, 314, 315, 318, 319, 415  
 Politics 101, 102, 104, 300, 315, 316, 318, 319, 320, 321, 345, 430, 435, 488, 491, 532, 539  
 Religion 103  
 Sociology 307, 310, 465  
 Spanish 211, 320, 321, 323, 330, 333, 340, 350, 360, 380, 410, 411, 430, 431, 480

TOTAL CREDITS REQUIRED:.....21

**LATIN AMERICAN STUDIES MINOR**

History 355, History 356; Politics 320, Politics 321 (Choose one)..... 3

Choose five of the following ..... 15

English 322, Geography 426, History 355, 356, 366, 367, 496, Latin American Studies 399, Politics 304, 321, 488, 496, Spanish 322, 330, 340, 350, 380, 411

At least three of these courses (9 hours) must be outside the student's major field and fall in two additional disciplines. {For example, if a student is a Spanish major, then two of these five courses may be Spanish courses, but the other three must not be. Also, the other three must be split between at least two disciplines - such as History and Politics, or English and Geography, etc.}

TOTAL CREDITS REQUIRED ..... 18

NOTE: All courses in the minor require a "C" or better. Courses used in the minor cannot be used to satisfy major requirements.

**PRE-LAW MINOR**

**Credits**

English 390 (Writing for the Professions).....3

Philosophy 321 (Symbolic Logic).....3

Business Administration 344 (Legal Environment of Business) or

Business Administration 345 (Commercial Law).....3

Politics 449 (Constitutional Law I) or (Politics 450 (Constitutional Law II).....3

Politics 452 (American Judicial Process) or Politics 455 (American Jurisprudence).....3

Politics 539 (International Law).....3

TOTAL CREDITS REQUIRED..... 18

NOTE: All courses in the minor require a "C" or better. Courses used in the minor cannot be used to satisfy major requirements.

# DEPARTMENT OF THEATER

## MISSION STATEMENT

Within the context of a liberal arts education, the Department of Theater strives to educate intellectually curious and confident artists who are fully engaged in both historic precedent and contemporary work in the theater. Looking to a broader context, the program encourages students to learn a wide range of skills in theater and allied disciplines and to work within the community to prepare them for a future as contributors to their profession and their society.

## DRAMATIC ARTS MAJOR

### EDUCATIONAL OBJECTIVES

Dramatic Arts students are expected to:

1. acquire and demonstrate an understanding of the historical and cultural dimensions of theater, including a familiarity with influential playwrights, actors, directors, and designers,
2. demonstrate a competence in a number of theater techniques,
3. acquire and demonstrate an understanding of basic production processes, such as acting; directing; stage, costume, and lighting design; and basic technical operations,
4. show a commitment to public performance in the theater,
5. demonstrate an understanding of critical methods for evaluating contemporary thinking about theater and related arts,
6. make informed assessments about quality in public performance, and
7. manifest creative talents in the theater arts.

A maximum of 50 credits may be applied toward satisfying the Foundation Courses and Major Requirements in Dramatic Arts. A grade of **C** or better must be earned in each of these courses.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

## DRAMATIC ARTS MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Dramatic Arts

Major Requirements: Please see Summer Catalog supplement.

### DRAMATIC ARTS MINOR

### Credits

Theater 101, Introduction to Theater Art .....	3
Theater 130, Principles of Dramatic Analysis .....	3
Theater 150, Acting I .....	3
Theater 154, Introduction to Costuming .....	3
Theater 155, Stagecraft .....	3
One course from the "Performance/Directing" or "Design/Technical" track .....	3
<b>TOTAL CREDITS REQUIRED .....</b>	<b>18</b>

A grade of **C** or above is required in each course to be applied toward the minor.

## **MUSICAL THEATER MAJOR**

### **EDUCATIONAL OBJECTIVES**

Musical Theater students are expected to:

1. acquire and demonstrate an understanding of the historical and cultural dimensions of musical theater, including a familiarity with influential works and actors, dancers, directors, designers, and singers;
2. acquire and demonstrate sound technique in vocal production, acting and dance in a variety of styles and formats;
3. acquire and demonstrate a basic understanding of production processes including those in technical theater and production;
4. demonstrate an understanding of methods for evaluating the elements of musical theater; and
5. develop the ability to analyze and critique performances both orally and in writing.

To achieve these educational objectives, the musical theater program offers a focused undergraduate theater curriculum in theater, music, and dance. While some courses within the program allow extended and specialized study for majors, the chief goal of the program is to foster a broad understanding and appreciation of the theatrical enterprise.

A maximum of 67 credits may be applied toward satisfying the Foundation Courses and Major Requirements in Musical Theater. Students must earn a grade of C or above in each course used to satisfy the Musical Theater major and pass a keyboard proficiency exam as outlined in the Music Handbook.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

## **MUSICAL THEATER MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Musical Theater

Major Requirements: Please see Summer Catalog supplement.

## **DEPARTMENT OF VISUAL ARTS**

### **EDUCATIONAL OBJECTIVES**

1. Art studio majors will develop competency and technical proficiency in one or more of the following areas: ceramics, drawing, graphic design, painting, print making, and sculpture.
2. Art studio majors will develop an understanding of the theoretical basis of art and an awareness of the standards which determine excellence in evaluating the visual arts.
3. Art studio majors will develop an understanding of the continuity of art history and art philosophy and become familiar with a broad spectrum of examples of contributions to the world of art from diverse cultures.
4. Art studio majors will develop their artistic ability and personal style in the visual arts.

**ART STUDIO MAJOR**

A maximum of 50 credits may be applied toward satisfying the Foundation Courses and Major Requirements in Art Studio.

Students must earn a grade of C or above in each course used to satisfy Major Requirements.

Students must submit portfolios for faculty review at the end of their sophomore year.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

**ART STUDIO MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Art Studio

Major Requirements: Please see Summer Catalog supplement.

**ART HISTORY MINOR**

Art History 105* and 106* .....	6
Select 12 credits from:	
Any 300 or 400 level Art History .....	12

TOTAL CREDITS REQUIRED 18

\* Art History 105 & 106 satisfies the foundation requirement for Studio Art Major and may also be used to fulfill the Art History Minor requirement for Studio Art Majors.

A grade of C or above is required in each course to be applied toward the minor.

**ART STUDIO MINOR**

**Credits**

Art History 105*, 106*, 355 or 360 .....	3
Art Studio 103, 104 .....	6
Art Studio 111 .....	3
Three Art Studio classes at 200 level or above .....	9

\*This course cannot be the same one used to satisfy the Core Curriculum requirement.

TOTAL CREDITS REQUIRED 21

A grade of C or above is required in each course to be applied toward the minor. ARTS 399 may not be used to satisfy the Art minor.

**GRAPHIC DESIGN MINOR**

**Credits**

Art History 105*, 106*, 355 or 360 .....	3
Art Studio 103, 104 .....	6
Art Studio 261 .....	3
Art Studio 201, 202, 301 .....	9

\* This course cannot be the same one used to satisfy the Core Curriculum requirement.

**TOTAL CREDITS REQUIRED**

21

A grade of C or above is required in each course to be applied toward the minor. ARTS 399 may not be used to satisfy the Graphic Design minor.

**WOMEN'S AND GENDER STUDIES MINOR**

Adviser: Dr. Maria Bachman

To minor in Women's and Gender Studies, students must take 6 courses from the list below, including WGST 103 and WGST 498, and four electives from no fewer than 3 disciplines. Student must earn a grade of C or higher for each course applied to the minor. One independent study will be allowed. In lieu of one 400-level course, a student may arrange to take an internship with an organization or agency focusing primarily on women's issues.

**Required Courses:**

**Credits**

Women's and Gender Studies 103 .....	3
Women's and Gender Studies 498 .....	3

**Electives:**

Art History 360 .....	3
English 329 .....	3
English 443 .....	3
English 444 .....	3
Health Education 310.....	3
Health Education 480.....	3
History 386.....	3
Journalism 365 .....	3
Psychology 300.....	3
Psychology 310.....	3
Religion 360.....	3
Sociology 301 .....	3
Sociology 305 .....	3
Women's and Gender Studies 495 .....	3

**TOTAL CREDITS REQUIRED:.....18**

## **COLLEGE OF NATURAL AND APPLIED SCIENCES**

Michael H. Roberts, *Dean*

Deborah A. Vrooman, *Associate Dean*

John P. Steen Jr., *Assistant to the Dean*

Paul T. Gayes, *Director of the Center for Marine and Wetlands Studies*

Janette L. Bowman, *Director of the Center for Active Aging and Active Retirement*

### **DEPARTMENT OF BIOLOGY**

Karen Aguirre, *Assistant Professor*

Stephen P. Bush, *Associate Professor*

Geoffrey J. Cockrell, *Senior Instructor*

Michael Ferguson, *Professor and Chair*

Sharon L. Gilman, *Associate Professor*

Kevin Godwin, *Assistant Professor*

Christopher E. Hill, *Associate Professor*

Wendy R. Hood, *Assistant Professor*

John J. Hutchens, *Assistant Professor*

Richard Koesterer, *Associate Professor*

Fang Ju Lin, *Assistant Professor*

Colleen Lohr, *Associate Professor*

James O. Luken, *Professor*

Richard H. Moore, *Professor*

Michael M. Pierce, *Assistant Professor*

Michael H. Roberts, *Professor*

Suzanne S. Simmons, *Instructor*

### **DEPARTMENT OF CHEMISTRY AND PHYSICS**

#### **CHEMISTRY**

Joseph T. Bennett, *Instructor*

David W. Evans, *Associate Professor*

John A. Goodwin, *Professor*

Susan Libes, *Professor*

Paul E. Richardson, *Assistant Professor*

John Reilly, *Assistant Professor*

Brett K. Simpson, *Assistant Professor*

Darlene L. Slusher, *Assistant Professor*

#### **PHYSICS**

Teresa E. Burns, *Associate Professor and Chair*

Louis E. Keiner, *Associate Professor*

Varavut Limpasuvan, *Associate Professor*

E. Herbert Newman, *Lecturer*

### **DEPARTMENT OF COMPUTER SCIENCE**

Jonathan P. Bernick, *Assistant Professor*

E. Eugene Collins, *Associate Professor*

Crystal C. Edge, *Instructor*

Jean French, *Lecturer*

Terrence P. Fries, *Associate Professor*

Nancy S. Goettel, *Assistant Professor*

Jean-Louis Lassez, *Professor and Chair*

Jeffrey P. Linder, *Assistant Professor*  
Stephen J. Sheel, *Professor*  
John W. Stamey, Jr., *Assistant Professor*  
Donald Yessick, *Assistant Professor*

## **GERONTOLOGY CERTIFICATE PROGRAM**

Sara A. Brallier, *Director*

## **DEPARTMENT OF MARINE SCIENCE**

Daniel C. Abel, *Associate Professor*  
Joseph Bennett, *Instructor*  
Stephen P. Berkowitz, *Senior Instructor*  
Erin J. Burge, *Instructor*  
Paul T. Gayes, *Professor and Palmetto Professor of Marine Science*  
Craig S. Gilman, *Associate Professor*  
Jane L. Guentzel, *Associate Professor*  
M. Scott Harris, *Associate Professor*  
Eric T. Koepfler, *Associate Professor*  
Brent L. Lewis, *Associate Professor*  
Susan Libes, *Professor*  
Douglas Nelson, *Professor*  
Keith R. Walters, *Associate Professor*  
P. Ansley Wren, *Assistant Professor*  
Eric E. Wright, *Associate Professor*  
Robert F. Young, *Professor and Chair*

## **DEPARTMENT OF MATHEMATICS AND STATISTICS**

Clara Nell Brown, *Lecturer*  
Joanne R. Duvall, *Instructor*  
Constance C. Edwards, *Professor*  
Menassie Ephrem, *Assistant Professor*  
Thomas Hoffman, *Assistant Professor*  
Eric B. Howington, *Assistant Professor*  
Andrew Incognito, *Assistant Professor*  
Keshav Jagannathan, *Assistant Professor*  
Patrick D. McCormick, *Lecturer*  
Joseph S. Parker, *Instructor*  
Prashant S. Sansgiry, *Professor*  
James Solazzo, *Assistant Professor*  
Deborah A. Vrooman, *Associate Professor and Associate Dean*  
Jenny Wickum, *Instructor*

## **DEPARTMENT OF PSYCHOLOGY AND SOCIOLOGY PSYCHOLOGY**

Bernard A. Albiniak, *Associate Professor*  
William Hills, *Associate Professor*  
William B. King, *Associate Professor*  
Linda J. Palm, *Professor*  
Joan F. Piroch, *Professor and Chair*  
Michael J. Root, *Assistant Professor*  
Kerry A. Schwanz, *Assistant Professor*  
Stephanie W. Weeks, *Assistant Professor*

## **SOCIOLOGY**

Sara R. Brallier, *Associate Professor*

Christopher W. Podeschi, *Assistant Professor*

Sylvia Kenig Snyder, *Associate Professor*

Susan E. Webb, *Professor*

## **DEGREES**

### **BACHELOR OF ARTS**

Psychology

Sociology

### **BACHELOR OF SCIENCE**

Applied Mathematics

Biology

Chemistry

Computer Science

Marine Science

Psychology

Physics, Applied

### **MINORS**

Actuarial Science

Biology

Chemistry

Coastal Geology

Computer Science

Environmental Science

Marine Science

Mathematics, Applied

Physics

Psychology

Sociology

Statistics

### **CERTIFICATE**

Gerontology

### **DUAL DEGREE**

Engineering Dual

Degree Program with

Clemson University

## **MASTER OF SCIENCE**

Coastal Marine and Wetland Studies

## **DEPARTMENT OF BIOLOGY**

### **EDUCATIONAL OBJECTIVES**

Students who graduate with a B.S. in Biology are expected to have:

1. An understanding of biology as a process and a body of knowledge.
2. An appreciation of the historical development of biological concepts and the relationships among these concepts.
3. The ability to integrate biology with other disciplines.
4. Experience with inquiry, observation, data collection, analysis and problem solving.
5. Experience using general as well as sophisticated laboratory equipment, developing discipline-specific field notebooks and journals, and preparing biological reference specimens.
6. Specific knowledge regarding the diversity of life on earth.
7. Written and oral communication skills focused on appropriate dissemination of biological information.
8. Self-discipline, persistence and a willingness to perform beyond the minimum requirements of a task.

### **BIOLOGY MAJOR**

A maximum of 55-56 credits may be applied toward satisfying the Foundation Courses and Major Requirements. Students must earn a grade of C or above in all Major Requirements.

Every student during each of the sophomore, junior and senior years must take one course labeled Writing Intensive (WI). English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, every student before graduation must successfully complete one course labeled Computer Usage (CU).

A major in biology prepares students for entrance into graduate school, medical school, dental school, veterinary school and many other health-oriented professions. In addition,

completion of the first two years in a program designed for biology majors prepares students for transfer to a school of pharmacy or to a school of allied health sciences. Those students interested in teaching high school biology can complete a degree in biology and then pursue the M.A.T. (Master of Arts in Teaching) offered by the Spadoni College of Education. Other career opportunities for Coastal graduates with a biology degree include jobs with government agencies, private industries, and public health services.

## BIOLOGY MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

### Bachelor of Science in Biology

Major Requirements: Please see Summer Catalog supplement.

#### MINOR OPTION

Students majoring in Biology may choose to minor in any one field. The College of Natural and Applied Sciences encourages students to minor in one of the following fields; Business Administration, Chemistry, Marine Science, Computer Science, Math or Physics. A grade of C or above must be earned in each minor course.

For information regarding studies in Biology-Secondary Education refer to the Master of Arts in Teaching (M.A.T.) in this catalog.

## DOUBLE MAJORS

A student may complete a double major by satisfying major requirements in each of two programs. The two programs should both offer the B.S. degree. For example, students completing a double major in Marine Science and Biology must complete 24 credits in Marine Science, 31-32 credits comprising Major Requirements in Biology, and must fulfill all other requirements in both majors.

## BIOLOGY MINOR

The department offers a minor in Biology. Students interested in minoring in biology should contact the Department Chairperson. A grade of C or above is required in each course to be applied toward the minor.

### Credits

<b>Prerequisites:</b> Biology 121/121L; 122/122L.....	8
Biology 340/340L, 350/350L, 370/370L (Choose two) .....	8
Biology courses numbered 300 and above .....	8

(No more than 4 hours of independent study (Biology 399 or Biology 499) may be applied toward the minor.)

TOTAL CREDITS REQUIRED

---

24

The biology minor sequence should be determined in consultation with the student's major adviser and an adviser in the Department of Biology.

## DEPARTMENT OF CHEMISTRY AND PHYSICS

### CHEMISTRY MAJOR

#### EDUCATIONAL OBJECTIVES

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

1. A mastery of the fundamental principles underlying all chemical processes.
2. An appreciation of the broad and rapidly expanding body of chemical knowledge.
3. The ability to find specific information in the chemical literature.
4. The ability to interpret information obtained in experiments in terms of current chemical theory and concepts.
5. The ability to design experiments to obtain information related to chemical phenomena.
6. The ability to communicate orally and in writing specific information obtained in experiments and the interpretation of experimental results.

A maximum of 56 credits may be applied toward satisfying the Foundation Courses and Major Requirements.

The curriculum of the Bachelor of Science degree in Chemistry includes three areas of study: professional, environmental and biochemistry. Students will choose one based on their interests and career goals.

<u>Area of Study</u>	<u>Courses Emphasized</u>	<u>Career Opportunity</u>
Professional (classical)	Chemistry Core  Two advanced courses in inorganic, analytical or physical chemistry	Private Industry and public service Preparation for graduate or professional school Teacher certification
Environmental	Chemistry Core  Two advanced environmental chemistry courses	Governmental research laboratories Environmental Consultants and contract laboratories Environmental education
Biochemistry	Chemistry core Two advanced biochemistry courses	Private Industry Biotechnology research Molecular and genetic engineering

### CHEMISTRY MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Chemistry

Major Requirements: Please see Summer Catalog supplement.

### CHEMISTRY MINOR

A minor in chemistry is available. Students interested in minoring in chemistry should contact the Department Chair of Chemistry and Physics. A grade of C or above is required in each course to be applied toward the minor.

**Credits**

<b>Prerequisites:</b> Chemistry 111/111L, 112/112L .....	8
Chemistry 321/321L, 331/331L, 332/332L .....	12
Choose three or more credits at the 300-level or above from Chemistry. Chemistry 301, 399, and 499 are not acceptable. Marine Science 305/305L, 355/355L, 401/401L, and 402/402L are acceptable .....	3-4

TOTAL CREDITS REQUIRED

23-24

**APPLIED PHYSICS MAJOR**

**EDUCATIONAL OBJECTIVES**

When students complete the program in Applied Physics, they will be able to:

1. explain the principles and concepts of classical physics;
2. explain the concepts and applications of modern physics;
3. integrate and apply the concepts of physics to related disciplines, e.g. engineering and the earth sciences;
4. exhibit proficiency in the use of technology and appropriate tools used in applications of physics;
5. utilize research methods and data analysis to predict the outcome of experiments;
6. demonstrate their knowledge of physics and the scientific method in conducting independent scientific research;
7. interact effectively with their peers and mentors;
8. transfer their scientific knowledge to their peers and to the larger community through written and verbal communication.

A maximum of 63 credits may be applied toward satisfying the Foundation Courses and Major Requirements. Students must earn a grade of **C** or above in all Major Requirements. Every student during each of the sophomore, junior and senior years must take one course labeled Writing Intensive (WI). English 101 and 102 are designated as writing intensive courses in the freshman year.

Two tracks are available: environmental and traditional. Both of these tracks have a common core of introductory study (Essentials of Physics I, II and III with a strong math core) followed by more advanced courses in physics, research, and independent study, coupled with applied courses like physical oceanography and/or electronics and computer interfacing. Refer to major requirements for the courses that apply to each track.

The applied physics degree at CCU focuses on the application of physics to particular problems. Students can easily merge their interest in physics with another subject at CCU such as marine science, chemistry, computer science, or mathematics through a minor or double major. Students interested in the Dual Degree Program with Clemson University, particularly those interested in mechanical or civil engineering, should consider applied physics. Student will receive a strong technical background, which is a good foundation for careers in industry, manufacturing, government, medicine, research and development, quality control, and environmental quality. Students interested in teaching science at the secondary level should also consider an applied physics degree and then pursue the M.A.T. (Master of Arts in Teaching) through the Spadoni College of Education.

**APPLIED PHYSICS MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses.

The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

### Bachelor of Science in Applied Physics

Major Requirements: Please see Summer Catalog supplement.

### PHYSICS MINOR

A minor in physics is available. Students interested in minoring in physics should contact the Department Chair of Chemistry and Physics. A grade of C or above is required in each course to be applied toward the minor.

#### Credits

Prerequisites: Physics 211/211L, 212/212L, and 213/213L..... 12

#### Upper Level:

Choose two: Physics 301, 302, 303, 310 .....6

Choose two: Any 300 or higher physics course, Chemistry 441, Chemistry 442, Marine Science 301, 301L. (399 may be used for 3 credits only)..... 6-7

TOTAL CREDITS REQUIRED..... 24-25

## DEPARTMENT OF COMPUTER SCIENCE

### EDUCATIONAL OBJECTIVES

The Department of Computer Science recognizes the importance of providing a high quality education for its majors. Further, it recognizes that a part of its responsibility is to determine how successfully this has been accomplished. As a result, the department has identified the following objectives:

1. To develop an awareness of technological advances occurring in the field of computer science;
2. To develop an understanding and an appreciation for ethical behavior as it relates to information processing;
3. To provide an understanding of the theoretical foundations of computer science and the principles of algorithm design and analysis;
4. To provide an understanding of the principles of implementation and documentation of algorithms in a modern high-level structured programming language;
5. To provide an understanding of the principles, organization, and design of database management systems;
6. To provide an understanding of computer organization, computer architecture, operating systems and information structures;
7. To develop oral and written communication proficiency;
8. To develop the ability to work cooperatively as members of a team on software development projects; and
9. To provide additional knowledge in one area of emphasis involving either advanced theoretical topics or applied computer science.

To achieve these educational objectives, the computer science department offers

two options.

1. The Theoretical Option requires additional courses in computer science, mathematics and the sciences. This option 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 with the Theoretical Option has been accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).*

- 2) The Information Systems Option requires additional courses in computer science, information systems, and business administration. This option is designed to prepare students for graduate work in Information Systems and for related positions in business and industry.

## COOPERATIVE EDUCATION

Cooperative Education is a mutually-beneficial partnership among students, employers and the Computer Science Department at Coastal Carolina University. Through cooperative education, computer science students can participate in full time professional work experience related to their major while earning academic credit. Thus, Cooperative 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 students who have completed their first year may apply to participate in Cooperative Education by submitting a resume to the Chair of the Department of Computer Science. As in the marketplace, Cooperative 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 Computer Science 498. The cooperative experience may be repeated two times for a total of six hours of credit.

## 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 requires all students enrolled in Computer Science 140/140L or 150/150L to have their own personal notebook computers.

## COMPUTER SCIENCE MAJOR

A maximum of 66 credits may be applied toward satisfying the Foundation Courses and Major Requirements in Computer Science. Students must earn a grade of **C** in each course taken that is applied toward the Foundation, Major and Minor Requirements. One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year.

## COMPUTER SCIENCE MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Computer Science

Major Requirements: Please see Summer Catalog supplement.

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE Information Systems Option

## BACHELOR OF SCIENCE IN COMPUTER SCIENCE Theoretical Option

COMPUTER SCIENCE MINOR	Credits
Mathematics 174 .....	3
Computer Science 140/140L, 150/150L, 210, 220, 305, 310, .....	18
Choose one course from Computer Science 208, 209 .....	3
Choose one course from Computer Science 330 and above .....	3

TOTAL CREDITS REQUIRED

---

27

### **Additional Requirement**

Computer Science Minor students must earn a grade of **C** in each course taken that is applied toward the Minor Requirements.

## **DEPARTMENT OF MARINE SCIENCE**

### **EDUCATIONAL OBJECTIVES**

Students who graduate with a B. S. in Marine Science are expected to:

1. Use the scientific method to describe, analyze, and solve scientific problems involving marine science and related fields.
2. Be prepared to obtain entry-level jobs or to enter graduate programs in various scientific fields.
3. To have a broad understanding of the fields of biological, geological, chemical, and physical oceanography.
4. To understand the relationships between concepts, the development of scientific trends, and the integration of all the sciences.

### **MARINE SCIENCE MAJOR**

A maximum of 65 credits may be applied toward satisfying the Foundation Courses and Major Requirements.

Students must earn a grade of **C** or above in all major and upper-level science courses.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

The major in Marine Science integrates the study of Biology, Chemistry, Geology, Physics and Mathematics and applies these to the marine environment. Major courses are selected from Marine Science, Biology, Chemistry, Computer Science, Geography, Geology, Mathematics, Statistics, or Physics. Students are encouraged to select an area of emphasis in either aquaculture, marine biology, coastal processes, marine analytical technology, atmosphere/ocean dynamics, or general marine science. Lecture, laboratory, and field experiences are integrated to provide a well-rounded scientific program. The facilities available for Marine Science majors include a lecture and laboratory complex, a computer research lab, ocean-going and estuarine research vessels, and a full complement of oceanographic sampling equipment. Laboratories and research projects are conducted on Waites Island, a barrier island, marsh and upland complex owned by the University. In addition, a close relationship is maintained with the University of South Carolina's Belle W. Baruch Marine Field Laboratory located near Georgetown. Students completing the program are employed as marine technicians, public health and environmental science officers, science teachers, fisheries technicians, etc. Outstanding students are encouraged to pursue graduate study.

### **Admission to Degree Candidacy**

Prior to being admitted to a Department as a degree candidate first year students must have one of the following:

1. A score of 465 (recentered) or above on the quantitative portion of the SAT exam or a score of 20 on the ACT exam, and placement into Mathematics 131 or higher. Students will be placed into mathematics courses based on results from an exam taken during the orientation period.

### **OR**

2. Completion of:
  - a. Mathematics 130 or 130I or higher with at least a **C**.

- b. Biology 121/121L with at least a **C**.
- c. Cumulative GPA of 2.00 or higher based upon at least 13 hours of earned course credit.

Students who have not completed these requirements within one year of enrollment at Coastal Carolina University are discouraged from applying for degree candidacy in the Marine Science program.

## MARINE SCIENCE MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Marine Science

**Major Requirements:** Please see Summer Catalog supplement.

## RECOMMENDED AREAS OF STUDY IN MARINE SCIENCE

*The following areas of study are for advisement purposes only and do not represent a degree program.*

**MARINE BIOLOGY** (for students interested in the biology of the marine environment. Four general areas of study are available.)

- A. **General Marine Biology** is designed for students who do not intend to pursue graduate studies and provides a broad background in marine biological topics.

Required Courses:

Plankton - Marine Science 476/476L, 455/455L.....	4
Benthos - Marine Science 479/479L, Biology 310/310L.....	4
Nekton - Marine Science 375/375L, 459/459L, 473, Biology 625/625L....	4
Ecology - Marine Science 420/420L, 474/474L, 475/475L, 477/477 478/478L, 495/495L .....	4

- B. **Graduate School** bound students should take as many of the recommended courses as possible and either minor or double major in Biology.

Required courses:

Marine Biology Core .....	16
---------------------------	----

Recommended courses:

Chemistry 331/331L, 332/332L, 450/450L, Biology 340/340L, 350/350L, 543/543L, Marine Science 399, 497, 499 .....	3/4
---	-----

- C. **Aquarium Sciences and Aquaculture** provides training for students interested in the care and maintenance of living organisms as aquarium or food species.

Required Courses:

Marine Biology Core .....	16
---------------------------	----

Recommended Courses:

Marine Science 303, 399 (Aquarium Internship), 402/402L,  
Economics 222, or Business 371 (for students who intend to own  
their own business) ..... 3/4

D. **Marine Education** provides training for students interested in teaching at various levels.

Required Courses:

Marine Biology Core .....16

Recommended Course:

Marine Science 399 (Marine education internship).....4

**MARINE ANALYTICAL TECHNOLOGY** (for students interested in pursuing careers as field or lab technicians in the marine sciences)

Required Courses:

Marine Science 103, 311/311L, 318/318L, 331/331L.....15

Recommended Courses:

Marine Science 399, Biology 330/330L, 370/370L, 574/574L, 578/578L,  
(choose two).....8

**MARINE CHEMISTRY** (for students interested in pursuing careers in marine chemistry)

Required Courses:

Chemistry 331/331L, 332/332L, 450/450L .....12\*

Marine Science 401/401L and 402/402L.....8

Recommended Courses:

Marine Science 331/331L, 476/476L, 497 or 499 (choose one).....4

\*Satisfies the requirements for a chemistry minor.

**ATMOSPHERE/OCEAN DYNAMICS** (for students interested in pursuing graduate studies in physical oceanography, atmospheric science or other physical sciences)

Required Courses:

Mathematics 260 and 320, and 344 or 446 or 474.....9\*

Computer Science 206 or 207 or 208 or 209 .....3

Marine Science 321/321L.....4

Other Related Advanced Courses (At least 4 credits with Marine Science prefix)

Mathematics 242, 449, 452, 460, 465 and Marine Science 311/311L  
399, 445/445L, 495/495L, 497, 499 ..... 7/8

\*Satisfies the requirements for a mathematics minor.

**COASTAL GEOLOGY**( for students interested in geologic processes that shape and change the coastal zone and the evolution of the coastline's unique environments)

Required Courses:

Marine Science 316/316L, 445/445L .....8

Other Related Courses:

Marine Science 318/318L, 331/331L, 401/401L or 402/402L, 499 .....8

**DOUBLE MAJORS**

Students may double major in any program which offers a B.S. degree. To complete a double major, students must satisfy the major requirements for both programs (e.g. 36 credits of upper-level Marine Science credits ) and complete a minimum combined total of 48 upper-level credits in the two majors, all with a grade of "C" or better.

**MARINE SCIENCE MINOR Credits**

**Prerequisites:** Marine Science 111/111L, 112/112L .....8

Marine Science course at the 300-level or above.....4

Marine Science 301, 302, 304, or 305 .....8

(No more than 3 hours of Marine Science 399, 497, and/or 499 may be included in the minor.)

**TOTAL CREDITS REQUIRED** 20

A grade of C or above is required in each course to be applied toward the minor.

**COASTAL GEOLOGY MINOR**

The curriculum in the coastal geology minor is designed to provide the student with a thorough education in geologic processes and features typical of coastal areas. The program provides rigorous education and practical field experience for students preparing for a career or graduate education in coastal geological studies.

Students interested in pursuing the Coastal Geology minor should consult with their major adviser and the coordinator of the geology minor to plan their program of study as early as possible. A student must earn a grade of C or above in all courses to be applied toward the minor in Coastal Geology.

**Minor Requirements** **Credits**

Geology 102/102L, 111/111L, or 112/112L.....4

Geology 304/304L and 316/316L .....8

Choose two courses from.....8

    Geology 300/300L or above,  
    or MSCI 445/445L, or MSCI 416/416L,  
    or MSCI 399, 497, or 499 approved by the geology minor coordinator.

**TOTAL CREDIT HOURS** 20

No more than 4 credit hours of independent study, internship, and/or directed undergraduate research and/or senior thesis may be used to minor credit.

# DEPARTMENT OF MATHEMATICS AND STATISTICS

## EDUCATIONAL OBJECTIVES

1. To develop an understanding that an individual must continually pursue relevant knowledge and new insights to be able to cope with the ever advancing informational needs of a technological society.
2. To develop analytical and quantitative skills.
3. To develop an understanding of the theoretical foundations of mathematics.
4. To develop problem solving models.
5. To develop oral and written communication proficiency.
6. To develop the individual's capability to become an independent learner.

## APPLIED MATHEMATICS MAJOR

A maximum of 48 credits may be applied towards satisfying the Foundation Courses and Major Requirements.

Students must earn a grade of C or above in all Major and Cognate courses, including Math 160, 161, and 174.

One course labeled Writing Intensive (WI) must be taken by every student during each of the sophomore, junior, and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

The major in applied mathematics develops a high degree of mathematical proficiency and is designed to apply mathematical knowledge to the solution of real world problems. The Department of Mathematics and Statistics offers two options leading to a B.S. degree in Applied Mathematics.

The major prepares students for a broad range of graduate programs. Students who successfully complete the applied mathematics degree will be competitive for careers in actuarial sciences, business, cryptology, government, industry, manufacturing and design, mathematical modeling, management, medicine, statistics, teaching, and space technology.

Three minors are offered -- Applied Mathematics, Statistics, and Actuarial Science. A minor in mathematics or statistics blended with another major strengthens employment opportunities as well as candidacy for graduate school.

## APPLIED MATHEMATICS MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Science in Applied Mathematics

**Major Requirements:** Please see Summer Catalog supplement.

## ACTUARIAL SCIENCE MINOR

**Credits**

<b>Prerequisites:</b> Statistics 201/201L, Mathematics 160,161 .....	12
Mathematics 260 .....	4
Mathematics 320 .....	3
Statistics 412, 413, 419, 420 .....	12

TOTAL CREDITS REQUIRED .....31

A grade of C or better is required in each course to be applied toward the minor.

**MATHEMATICS MINOR**

**Credits**

Prerequisites: Mathematics 160, 161.....	8
Mathematics 260 .....	4
Mathematics 320 .....	3
Mathematics 331, 332, 344, 349, 446, 465, 474 (Choose one).....	3
Statistics 201/201L.....	4
Computer Science (Must be a programming language).....	3
(Computer Science Majors must take Computer Science 360.) .....	
<hr/>	
TOTAL CREDITS REQUIRED.....	25

A grade of C or above is required in each course to be applied toward the minor.

**STATISTICS MINOR**

**Credits**

Prerequisites: Statistics 201/201L.....	4
Mathematics 260 .....	4
Statistics 315, 316, 317 (Choose two).....	6
Statistics 412. ....	3
Statistics 318, 399, 413, 420 (Choose two).....	6
<hr/>	
TOTAL CREDITS REQUIRED.....	23

A grade of C or above is required in each course to be applied toward the minor.

**GENERAL MATHEMATICS COURSES**

Mathematics 101, 102 comprise a one-year sequence in mathematics for students in the humanities. These courses are designed to introduce the student to general mathematical thinking and problem solving. They can be used for credit only toward a B.A. degree in certain areas.

Mathematics 130 or 130I, 132 comprise a one-year sequence for students in Business and the Social Sciences or other programs which do not require a knowledge of trigonometry.

Mathematics 130 or 130I and 131 are the basic pre-calculus courses for students who plan to take Mathematics 160 and need a more thorough development in algebra and trigonometry before entering Mathematics 160.

Mathematics 160, 161, 260 constitute the normal calculus sequence for students majoring in engineering, mathematics, physics, or any science requiring the use of trigonometry.

Mathematics 201, 202, 203, constitute the normal sequence for students majoring in Early Childhood and Elementary Education.

**FRESHMAN PLACEMENT IN MATHEMATICS**

Placement in mathematics may require students to take the mathematics placement test.

**DEPARTMENT OF PSYCHOLOGY AND SOCIOLOGY**

**PSYCHOLOGY MAJOR**

**EDUCATIONAL OBJECTIVES**

The Psychology faculty are committed to providing a quality undergraduate education for all psychology majors. As such, the educational goals and objectives of the

Psychology program are as follows:

1. To offer students the opportunity to obtain knowledge and develop competence in the diverse major content areas of psychology.
2. To offer students the opportunity to obtain knowledge regarding the historical, cultural, and social perspectives of psychology as an academic discipline.
3. To offer students the opportunity to develop research design, methodological, assessment, and statistical skills.
4. To offer students the opportunity to participate in undergraduate research.
5. To assist students in improving oral and written communication skills.

A major in Psychology offers students a thorough foundation in research design/ methodology and statistics. In addition, Psychology majors will be exposed to the major content areas in psychology, specifically basic principles of learning and experimental psychology, developmental and social psychology, and areas in clinical assessment. Psychology majors often seek employment with mental health and social service agencies. In addition, many Psychology majors pursue graduate degrees to prepare for careers in teaching, research, counseling, and consulting. The Psychology Department offers both B.A. and B.S. degrees.

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

One course labeled Writing Intensive (WI) must be successfully completed by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer Usage (CU) must be successfully completed by every student before graduation.

First semester seniors are strongly encouraged to meet with their adviser for a pre-graduation check.

## **A. BACHELOR OF ARTS IN PSYCHOLOGY**

## **B. BACHELOR OF SCIENCE IN PSYCHOLOGY**

### **COGNATES**

The cognate requirement is designed to encourage the student to enroll in advanced courses outside the major field which will complement and enrich the student's understanding of his or her major.

Courses taken for cognate credit must be approved in advance by a student's faculty adviser. Students majoring in disciplines within the College of Natural and Applied Sciences must earn 12 semester hours of cognate credit. These courses may be distributed over more than one subject area. Usually, only courses numbered 300 or above are acceptable for cognate credit. Please consult your adviser for a current list of courses approved for cognate credit in your degree program.

### **PSYCHOLOGY MAJOR**

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

Bachelor of Arts in Psychology

Bachelor of Science in Psychology

Major Requirements: Please see Summer Catalog supplement.

## PSYCHOLOGY MINOR

## Credits

<b>Prerequisite:</b> Psychology 101 .....	3
Psychology 225/225L (or acceptable substitute) .....	4
One course from learning/experimental:	
Psychology 400, 401, 402, 407, 450, 460, 462, 480/480L, 484 .....	3-4
One course from developmental/social:	
Psychology 302, 420, 421, 423, 425, 430, 486.....	3
One course from clinical/assessment:	
Psychology 410, 411, 415, 428, 440, 483/483L .....	3-4
Two additional psychology courses (to be selected by the student and minor adviser).....	6
<b>TOTAL CREDITS REQUIRED</b> .....	<u>22-24</u>

## SOCIOLOGY MAJOR

### EDUCATIONAL OBJECTIVES

The Sociology faculty are committed to providing a quality education that offers students the opportunity to:

1. Acquire knowledge concerning sociological perspectives and contributions of major sociological theorists.
2. Locate and use sociological and demographic research.
3. Acquire knowledge concerning sociological research methods including basic demographic, quantitative, and qualitative research skills.
4. Define and explain core sociological concepts and apply them to social problems and topical areas.
5. Acquire information concerning occupational opportunities for those with sociological skills.

## SOCIOLOGY MAJOR

At press time (March 2007) the University is in process of changing its degree requirements to meet the new Core Curriculum goals and courses. The new degree requirements will be in effect in Fall 2007. These new requirements will be published in Summer 2007 as a supplement to this Catalog.

### Bachelor of Arts in **Sociology**

Major Requirements: Please see Summer Catalog supplement.

A major in Sociology offers students a thorough foundation in sociological theory and research methods in the social sciences. In addition, students can select from a variety of courses including sociology of religion, the family, poverty, crime, and other topical areas of interest. Sociology majors often seek employment with social service agencies, government programs, and in areas relating to criminal justice and social work.

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

One course labeled Writing Intensive (WI) must be successfully completed by every student during each of the sophomore, junior and senior years. English 101 and 102 are designated as writing intensive courses in the freshman year. In addition, one course labeled Computer

Usage (CU) must be successfully completed by every student before graduation.

First semester seniors are strongly encouraged to meet with their adviser for a pre-graduation check.

### COGNATES

The cognate requirement is designed to encourage the student to enroll in advanced courses outside the major field which will complement and enrich the student's understanding of his or her major.

Courses taken for cognate credit must be approved in advance by a student's faculty adviser. Students majoring in disciplines within the College of Natural and Applied Sciences must earn 12 semester hours of cognate credit. These courses may be distributed over more than one subject area. Usually, only courses numbered 300 or above are acceptable for cognate credit.

Transfer students with Associate degrees in Criminal Justice may be permitted to use selected criminal justice courses to fulfill degree requirements.

A grade of C or above is required in each course to be applied toward the cognate.

### MINOR PROGRAM

Students may substitute an approved minor course of study for the cognate requirement. The minor must include at least 12 hours of upper-division courses in a single discipline and must be selected with the guidance and approval of a faculty adviser in the student's major field of study.

### SOCIOLOGY MINOR

### Credits

<b>Prerequisite:</b> Sociology 101 .....	3
Choose one: Sociology 309, 310/310L, 330.....	3-4
Sociology 320, 331, 331L.....	7
Choose three courses at the 300-level or above .....	9

TOTAL CREDITS REQUIRED

22-23

The minor sociology sequence should be determined in consultation with the student's major adviser and an adviser in the Department of Psychology and Sociology. A student must earn a C or above in all courses to be applied toward the minor in Sociology.

## GERONTOLOGY CERTIFICATE PROGRAM

The Gerontology Certificate program, administered through the Department of Psychology and Sociology, is designed to provide students with a foundation of knowledge and skills in the study of aging. The 22 credit hour (8 course) undergraduate certificate program is open to any degree-seeking student currently enrolled in a degree-program at the University and individuals holding a Baccalaureate degree who desire specialized studies. The multi-disciplinary nature of the program allows individuals of different interests and backgrounds to develop specializations in line with their unique needs and applicable in a rapidly growing market segment.

All candidates for a Gerontology Certificate must file a formal Application for Gerontology Certificate form during the first month of the term of graduation with the Director of Gerontology. The application forms may be obtained from the Director of Gerontology or the Office of the Registrar. Applications for summer certification are to be submitted by June 15.

**Admission:** Students become eligible for admission to the gerontology program upon submitting an application to the Director of the program after demonstrating satisfactory completion of 30 or more credits of college-level studies including Psychology 101 or Sociology 101. Admission to the gerontology program must take place not later than one full Fall or Spring semester before an internship placement. An internship placement will occur only after admission to the program and satisfactory completion of at least four courses in the gerontology curriculum.

**Program Requirements:** The program requirements are supplemental to a student's major field of study and may be taken along with the traditional degree requirements or after the degree is completed by individuals meeting the University's entrance requirements. Students pursuing a gerontology certificate while completing major field of study requirements should consult with an academic adviser in the major field of study to determine the status of gerontology program courses as electives, cognates, or major requirements. The certificate of program completion will be issued only concurrently with, or after, the accomplishment of a Baccalaureate degree.

**Curriculum:** The gerontology program consists of seven 3-credit hour classroom experiences and one 3-credit hour supervised internship in a setting approved and arranged by the program Director.

### COURSES (22Credits)

### Credits

Biology 470, Biology of Aging.....	3
Psychology 423, Psychology of Aging.....	3
Psychology 425, Gerontology.....	3
Psychology 495 or Sociology 495, Gerontology Internship.....	3
Sociology 298, Career and Professional Development in Gerontology .....	1
Sociology 455, Sociology of Aging .....	3
Choose 2 courses (6 credits) from the following:	
Economics 472, Economics of Aging.....	3
Sociology 454, Sociology of Death and Dying .....	3
Sociology 457, Aging and Social Policy.....	3

Other courses may be substituted with permission of the Gerontology Certificate Program director.

TOTAL CREDITS REQUIRED

22

## ENGINEERING DUAL DEGREE PROGRAM WITH CLEMSON UNIVERSITY

The Engineering Dual Degree program offers students the opportunity to begin their academic career by pursuing a Bachelors degree at Coastal Carolina University while preparing for an Engineering degree from Clemson University. The student will spend three years at Coastal Carolina University majoring in one of the five degrees listed below. The student will then transfer to Clemson University to complete one of eight engineering degrees listed below that is compatible with their major at Coastal Carolina University. While at Clemson University, the student will complete the remaining courses needed for their Coastal Carolina University degree.

Students interested in participating in this program should consult with the program director in the Department of Chemistry and Physics (Dr. Var Limpasuvan; var@coastal.edu) to plan their academic program. Course selection and course sequencing is critical for timely completion. A second adviser will be assigned from the major that is chosen at Coastal Carolina University. All students in this program should enroll for Engineering 101 as soon as possible. This engineering career exploration course introduces the diversity of engineering disciplines, gives students opportunities to design and test projects, and assesses the student's aptitude for engineering. Additional information about the program can be found at: [http://kingfish.coastal.edu/physics/dual\\_degree](http://kingfish.coastal.edu/physics/dual_degree).

The following degrees are available within the Engineering Dual Degree Program:

### Coastal Carolina University Major

Biology

Chemistry

Computer Science

or

Mathematics / Statistics

or

Physics

### Clemson University Engineering Major

Biosystems Engineering,  
(Biotechnology Emphasis Area)

Chemical Engineering  
Ceramic and Materials Engineering

Civil Engineering  
Computer Engineering  
Electrical Engineering  
Industrial Engineering  
Mechanical Engineering

## ENVIRONMENTAL SCIENCE MINOR

The curriculum in the environmental science minor is designed to provide students with a rigorous interdisciplinary education in environmental science so they will possess the skills and knowledge needed to find effective, informed and ethical solutions to problems that involve interactions between physical, chemical, biological, economic and social factors. The program is designed as preparation for students seeking environmental careers, including enrollment in graduate programs, in areas including environmental policy and management, environmental education, and environmental monitoring and assessment.

Students pursuing the environmental science minor must consult with their major

adviser and the Office of the Dean of the College of Natural and Applied Sciences which

administers the minor. Students should enroll in Introduction to Environmental Science (Environmental Science 201) during their sophomore or junior year and then enroll in Advanced Environmental Science (Environmental Science 420) the following year. A grade of C or better is required in all upper level courses and in Environmental Science 201 and 420.

<b>Minor Requirements</b>	<b>Credits</b>
Biology 121, and Biology 122.....	6
Chemistry 111, 112.....	8
Mathematics 160.....	4
Physics 201, 202 or Physics 211, 212.....	8
Statistics 201/201L.....	4
Environmental Science 201, 420 .....	8
Choose three courses and the corresponding laboratories .....	11-12
BIOL 370 Principles of Ecology	MSCI 331 Intro to GIS/Remote Sensing
BIOL 475 =MSCI 475 Marine Ecology	MSCI 355 Intro to Environmental Ecotoxicology
BIOL 481 Freshwater Ecology	MSCI 401 Environmental Chemistry
BIOL 484 Conservation Ecology	MSCI 402 Analytical & Field Methods in
BIOL 488 Wetland Plant Ecology	Environmental Chemistry
ENVI 399* Independent Study	MSCI 403* Environmental Internships
ENVI 487* Selected Topics in Env. Sci.	MSCI 474 Ecosystem Analysis
ENVI 499* Dir. Undergraduate Res.	MSCI 495 Marine Environmental Issues
MATH 242 Modeling for Scientists	PHIL 319 Environmental Ethics
MSCI 321 Atmospheric Science	
<b>TOTAL CREDITS REQUIRED</b>	<b>49-50</b>

\*a maximum of 6 credits from Marine Science 403, Environmental Science 399, 487 and 499 may be applied towards the minor.

