



# ACADEMIC COLLEGES



COASTAL CAROLINA  
UNIVERSITY

ACADEMIC COLLEGES

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

Henry Lowenstein, *Dean*

Samuel A. Wathen, *Associate Dean*

Darla J. Domke-Damonte, *Assistant Dean, International Programs*

Ned Cohen, *Assistant Dean, Leadership and Corporate Development Program*

John Lox, M.B.A. *Director*

Gary M. Loftus, *Director of the Center for Economic and Community Development*

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

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

Donald O. Brook, *Director, Wall College of Business Center for Student Excellence*

### 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*

Meyer Drucker, *Assistant Professor--Accounting*

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

William Feagin, *Lecturer*

Linda R. Henderson, *Associate Professor--Accounting*

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*

Philip Little, *Professor, Accounting and Department Chair for Accounting, Finance and Economics*

John Lox, *Lecturer*

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*

Paul Pendergrass, *Lecturer*

Dennis A. Rauch, *Professor--Marketing*

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

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

Donald L. Schunk, *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 Wachsmann, *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.

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

## **Learning Outcomes**

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 five learning outcomes that are incorporated across the business curriculum, assessed to monitor the effectiveness of the curriculum in delivering these goals, and reviewed for continuous improvement.

1. As a Wall College of Business graduate, a student should be able to demonstrate competence in the core subjects of business administration: accounting, finance, management, marketing, economics, international issues, legal and social business issues, information systems, and quantitative analysis.
2. A Wall College graduate should be able to demonstrate competence in solving complex problems by identifying and analyzing an issue, gathering, analyzing, and interpreting relevant information and proposing solutions and evaluating possible outcomes.
3. A Wall College graduate should be able to effectively express knowledge and ideas through written and oral communication.

4. A Wall College graduate should be able to demonstrate competence in using basic information technology skills. These include using spreadsheets, presentation software, word processing software, and electronic resources to support research.
5. A Wall College graduate should be able to demonstrate an understanding of ethical perspectives in business via enhanced awareness and recognition of ethical issues and an understanding of the importance of ethical issues in business decisions.

## ACCOUNTING MAJOR

Accounting is the profession that provides financial information about businesses and other entities to managers, investors, creditors, regulators, and the public. Accounting is essential to the proper functioning of companies, governmental units and nonprofits. Accounting majors seeking the CPA designation will be prepared for careers in auditing, finance, tax, fraud detection, management, and government. Accounting majors in the CMA/Finance track will be prepared for careers in business and other entities.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of C is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES ( 9-12 Credits)*	
Minimum grade of C required in all foundation courses	
CSCI 110.....	3
MATH 132*+.....	3
PHIL 318.....	3
ENGL 390.....	3

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

+A C or better is required in MATH 130 or MATH 130I or placement test.

IV. BUSINESS CORE REQUIREMENTS (36-39 credits)*	
Minimum grade of C required in all business core courses.	
Lower Level Business Core (12-15 credits)	
CBAD 201, 202.....	6
CBAD 291*, 292.....	6
ECON 201, 202.....	6
Upper Level Business Core (24 credits)	
CBAD 336, 344, 350, 363, 371.....	15
CBAD 475, 478.....	6

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

V. MAJOR REQUIREMENTS (24 Credits)	
A grade average of C required in major requirements.	
Business Administration 330, 331, 333, 345 .....	12
CPA Track (12 Credits)	
Business Administration 332, 437, 439, 440 .....	12
OR	
CMA/Finance Track (12 Credits)	

Business Administration 434, 460, 461, 468 .....	12
VI. ELECTIVES (4-17 Credits).....	4-17
TOTAL CREDITS REQUIRED .....	120

## ECONOMICS MAJOR

Economics is the study of how individuals, firms, and countries make choices. Using tools of economic analysis, the economist evaluates the additional costs and benefits of a course of action in order to choose among alternatives. Economics majors develop ways of thinking that are logical and rigorous. These analytical tools prepare them for careers in financial services, banking, government, health care, real estate, and manufacturing. Economics majors are also well-prepared for graduate study in a variety of fields including business, economics, law, and medicine.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES ( 9-12 Credits)*	
Minimum grade of <b>C</b> required in all foundation courses	
CSCI 110 .....	3
MATH 132*+ .....	3
PHIL 318 .....	3
ENGL 390 .....	3

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

+A **C** or better is required in MATH 130 or MATH 130I or placement test.

IV. BUSINESS CORE REQUIREMENTS (36-39 credits)*	
Minimum grade of <b>C</b> required in all business core courses.	
Lower Level Business Core (12-15 credits)	
CBAD 201, 202.....	6
CBAD 291*, 292.....	6
ECON 201, 202 .....	6
Upper Level Business Core (24 credits)	
CBAD 393, 344, 350, 363, 371.....	18
CBAD 475, 478.....	6

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

V. MAJOR REQUIREMENTS (18 Credits)	
A grade average of <b>C</b> required in major requirements.	
Economics 301, 302.....	6
Economics 300 and 400 level (Choose three) .....	9
Economics 495 .....	3
VI. ELECTIVES (10-23 Credits).....	10-23

TOTAL CREDITS REQUIRED .....120

**FINANCE MAJOR**

Finance is the art and science of managing money in public and private enterprises. It encompasses a wide array of theory, concepts, applications, and analytical tools needed for effective decision-making. Finance majors will be prepared to enter careers in corporate finance, investments, portfolio analysis and management, and financial markets and institutions.

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

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

III. FOUNDATION COURSES ( 9-12 Credits)\*  
 Minimum grade of **C** required in all foundation courses  
 CSCI 110.....3  
 MATH 132\*+ .....3  
 PHIL 318.....3  
 ENGL 390.....3

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

+A **C** or better is required in MATH 130 or MATH 130I or placement test.

IV. BUSINESS CORE REQUIREMENTS (36-39 credits)\*  
 Minimum grade of **C** required in all business core courses.  
 Lower Level Business Core (12-15 credits)  
 CBAD 201, 202 .....6  
 CBAD 291\*, 292, .....6  
 ECON 201, 202.....6  
 Upper Level Business Core (24 credits)  
 CBAD 336, 344, 350, 363, 371 .....15  
 CBAD 475, 478 .....6

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

V. MAJOR REQUIREMENTS (18 Credits)  
 A grade average of **C** required in major requirements.  
 Business Administration 460, 461, 462, 468, 469 .....15  
 Business Administration 463, 464, 465, 466, 467 (Choose one).....3

VI. ELECTIVES (10-23 Credits).....10-23

TOTAL CREDITS REQUIRED .....120

**MANAGEMENT MAJOR**

Management is the art and science of directing the operations of both individuals and organizations to achieve desired marketplace outcomes. Specifically, the overall function of management is often broken down into four general categories: plan-

ning, leading, organizing, and controlling. The overall effectiveness and efficiency of operations is generally credited to the management and its interface with other organizational stakeholders (such as Accounting, Finance, Marketing, etc).

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES ( 9-12 Credits)*	
Minimum grade of <b>C</b> required in all foundation courses	
CSCI 110.....	3
MATH 132*+ .....	3
PHIL 318.....	3
ENGL 390.....	3
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
+A <b>C</b> or better is required in MATH 130 or MATH 130I or placement test.	
IV. BUSINESS CORE REQUIREMENTS (36-39 credits)*	
Minimum grade of <b>C</b> required in all business core courses.	
Lower Level Business Core (12-15 credits)	
CBAD 201, 202.....	6
CBAD 291*, 292.....	6
ECON 201, 202.....	6
Upper Level Business Core (24 credits)	
CBAD 393, 344, 350, 363, 371.....	15
CBAD 475, 478.....	6
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
V. MAJOR REQUIREMENTS (15 Credits)	
A grade average of <b>C</b> required in major requirements.	
CBAD 372, 374, 471 .....	9
CBAD 402 or 472 (Choose one).....	3
CBAD 473 or 474 (Choose one).....	3
VI. ELECTIVES (13-26 Credits).....	13-26
TOTAL CREDITS REQUIRED .....	120

## MARKETING MAJOR

The Marketing function exists to bring buyers and sellers together in the marketplace to allow each party to realize their desired outcomes. For buyers, this means solutions to their problems. For sellers, this typically means increasing market share, revenue, profitability, and other outcomes. Marketers create items of value (goods, services, ideas, etc) that are priced, promoted, and distributed in a competitive and dynamic marketplace. Marketers must align marketing strategy with the needs of consumers in the marketplace.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of C is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES ( 9-12 Credits)*	
Minimum grade of C required in all foundation courses	
CSCI 110.....	3
MATH 132*+.....	3
PHIL 318.....	3
ENGL 390.....	3
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
+A C or better is required in MATH 130 or MATH 130I or placement test.	
IV. BUSINESS CORE REQUIREMENTS (36-39 credits)*	
Minimum grade of C required in all business core courses.	
Lower Level Business Core (12-15 credits)	
CBAD 201, 202.....	6
CBAD 291*, 292.....	6
ECON 201, 202.....	6
Upper Level Business Core (24 credits)	
CBAD 393, 344, 350, 363, 371.....	15
CBAD 475, 478.....	6
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
V. MAJOR REQUIREMENTS (15 Credits)	
A grade average of C required in major requirements.	
CBAD 351, 357, 458 .....	9
CBAD 401, 451, 453, 454 (Choose two).....	6
VI. ELECTIVES (13-26 Credits).....	13-26
TOTAL CREDITS REQUIRED .....	120

**RESORT TOURISM MANAGEMENT MAJOR**

Resort Tourism Management (RTM) students develop the skills necessary for managing hospitality or tourism service organizations in resort destination areas. The curriculum is designed to focus on the unique characteristics of the business environment in a resort destination (such as the Grand Strand). Such destinations are usually in relatively remote locations and have relatively seasonal demand. In addition to the standard business curriculum, the Resort Tourism Management curriculum includes internships and specialized coursework in the areas of quality process management, real estate finance investment, and resort planning.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	

Minimum grade of **C** is required.  
 University 110, The First-Year Experience .....3  
 UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

**III. FOUNDATION COURSES ( 9-12 Credits)\***

Minimum grade of **C** required in all foundation courses  
 CSCI 110.....3  
 MATH 132\*+ .....3  
 PHIL 318.....3  
 ENGL 390.....3

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

+A **C** or better is required in MATH 130 or MATH 130I or placement test.

**IV. BUSINESS CORE REQUIREMENTS (36-39 credits)\***

Minimum grade of **C** required in all business core courses.  
 Lower Level Business Core (12-15 credits)  
     CBAD 201, 202.....6  
     CBAD 291\*, 292.....6  
     ECON 201, 202 .....6  
 Upper Level Business Core (24 credits)  
     CBAD 344, 350, 363, 371.....12  
     RTMA 393.....3  
     CBAD 475, 478.....6

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

**V. MAJOR REQUIREMENTS (21 Credits)**

A grade average of **C** required in major requirements.  
 SSRT 195.....3  
 RTMA 180, 280, 480 .....3  
 RTMA 282, 467, 474, 490 .....12  
 RTMA 385, 386 ECON 330 (choose one) .....3

**VI. ELECTIVES (7-20 Credits).....7-20**

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

**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**

Courses Required	Credits
Business Administration 201, 202, 344, 350, 371.....	15
Business Administration Elective.....	3
Economics 101, or 201 and 202.....	3-6

**TOTAL CREDITS REQUIRED** .....21-24

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

Students who are planning to apply for an MBA program are strongly encouraged to enroll in CBAD 363, Business Finance, for the Business Administration elective.

**ECONOMICS MINOR**

Courses Required	Credits
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

**TOTAL CREDITS REQUIRED** .....18-21

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

Courses Required	Credits
Business Administration 401.....	3
Politics 101.....	3
Politics 318 or 435.....	3
Business Administration 402, 454, 463, 472, RTMA 381, Economics 351, 451 (Choose Two) .....	6
Foreign Language at 210 or above, or one additional course from Business Administration 402, 454, 463, 472, RTMA 381, Economics 351, 451 .....	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 months 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.

Courses Required	Credits
Professional Golf Management 101, 102, 201, 202, 301, 302,401 .....	9
Professional Golf Management 180, 280, 380, 480.....	6
Professional Golf Management 171, 225, 282.....	9
<b>Total Credits Required</b> .....	<b>24</b>

## **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**

Gibson F. Darden, *Interim Dean*

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

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

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

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

### **PROFESSIONAL PROGRAM IN TEACHER EDUCATION**

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

Jeanne B. Cobb, *Professor, Elementary Education/Reading Education*

Richard Costner, *Assistant Professor, Elementary Education*

Gayle Disney, *Assistant Professor, Special Education*

Judy Engelhard, *Associate Professor, Program Coordinator, Special Education*

Denise Forrest, *Program Coordinator, Middle Grades Education*

Nancy Gallenstein, *Associate Professor, Elementary Education*

Julie (Dodi) Hodges, *Assistant Professor, Special Education*

Gilbert H. Hunt, *Professor*

Cathy Jones, *Assistant Professor, Early Childhood Education*

Krystyna Nowak-Fabrykowski, *Associate Professor, Early Childhood Education*

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

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

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

Debbie H. Stanley, *Instructor, Early Childhood*

#### **TECHNOLOGY EDUCATION**

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

Joseph Winslow, *Associate Professor, Technology Education*

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

Denise Forrest, *Assistant Professor, Middle Grades Education*

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

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

Patricia Piver, *Assistant Professor, Social Studies*

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

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

Stacey Beam, *Coordinator of Smith Exercise Science Laboratory*

Gibson F. Darden, *Professor, Exercise Science*

Beth Graham, *Lecturer, Health Promotion*

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, *Associate Professor, Recreation and Sport Management*

Sherer Royce, *Assistant Professor, Health Promotion*

Sharon H. Thompson, *Professor, Health Promotion*

John Yannessa, *Assistant Professor, Health Promotion*

## CENTER DIRECTORS

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

Dennis Wiseman, *Professor, Director of The Biddle Center for Teaching and Learning*

## DEGREES

Bachelor of Arts in Education

Master of Education

Bachelor of Science

Master of Arts in Teaching

Exercise and Sport Science

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.

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 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.
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 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 – ADMISSION TO THE PROFESSIONAL PROGRAM IN TEACHER EDUCATION**

Candidates apply for admission to the professional program of teacher education when they have completed at least 60 cumulative hours of coursework and have at least a 2.5 GPA. The following evidence is required and reviewed by the college's Office of Admissions and Program Quality and a standing faculty committee:

#### **Initial Undergraduate**

- Minimum GPA of 2.5,
- Grade of "C" or better in designated core courses
- Grade of "C" or better in all required education courses,
- Praxis I OR
- Score of 1100 or higher on OLD SAT
- 1650 or higher on NEW SAT (verbal, math, writing)
- 24 or higher ACT
- A criminal background disclosure statement,
- Professional Behavior and Dispositions Self-Evaluation, and
- Approval of Portal I Faculty Committee.

### **PORTAL II – ADMISSION TO INTERNSHIP (STUDENT TEACHING)**

During this semester long teaching field experience, interns observe the academic calendar of the public school to which they are assigned. Candidates complete an application and submit it to the college Office of Admissions and Program Quality with the following evidence:

#### **Initial Undergraduate**

- Minimum GPA of 2.5,
- Grade of "C" or better in every education core and teaching specialization course,
- Program faculty recommendation, and
- Passing scores on all required Praxis II Exams.
- All major coursework completed,
- Composite Dispositions: Senior I methods faculty and Senior I university supervisor,
- Satisfactory completion and performance in a minimum of 100 hours in Field Experiences I, II, III, and IV,
- Satisfactory completion of the Instructional Planning Unit Assessment,
- Satisfactory completion of an initial Teacher Work Sample (TWS must be 70% accurate),
- SLED and FBI fingerprint clearance and disclosure statement, and
- Portal II Faculty Committee Approval.

### **PORTAL III – SUCCESSFUL COMPLETION OF INTERNSHIP**

Candidates submit evidence of completing a minimum of 60 days participation in their assigned internship with documentation of the following:

#### **Initial Undergraduate**

- Minimum GPA of 2.5,

- Summative evaluation ratings of 3 or higher on each performance dimension of the Intern Observation Instrument,
- Completion of all diversity placement requirements,
- Successful completion of the Coastal Carolina University (CCU) ADEPT observation and post conference.
- Two additional dispositions ratings for the internship: cooperating teacher and intern supervisor,
- Satisfactory completion of a comprehensive Teacher Work Sample (TWS must be 80% accurate), and
- Passing Score on appropriate Praxis II PLT Exam.

#### PORTAL IV – PROGRAM COMPLETION

Candidates must complete an application for graduation and teacher certification and provide evidence that they have:

##### Initial Undergraduate

- Minimum GPA of 2.5,
- Degree Certification form which is signed by advisor, department chair, and Dean,
- Program recommendation for graduation,
- Professional Behavior and Dispositions Self-Evaluation,
- Completion of all requirements and application for South Carolina Teacher Certification, and
- Program Chairperson recommendation to the Dean.

While enrolled in the internship semester, candidates will spend all of each school day for a period of no fewer than sixty instructional days in the assigned teacher 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.

#### 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.*

#### 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 early childhood foundation courses, major requirements; and all courses in English, mathematics, science, and social studies required as specified to meet the basic academic core for graduation. Students should plan carefully with their adviser since some courses have prerequisites and are limited to specific semesters.

I.	CORE CURRICULUM (34-41).....	34-41
II.	FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
	Minimum grade of <b>C</b> is required.	
	University 110, The First-Year Experience .....	3
	UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III.	EARLY CHILDHOOD FOUNDATION COURSES (28-44 Credits)*	
	General Content	
	GEOG 121* World Regional Geography .....	3
	EXSS 122*, HPRO 121* or RSM 120* .....	3
	Humanistic Concepts	
	ENGL 205* Literature and Culture .....	3
	HIST 202* History of the United States from Reconstruction to the Present .....	3
	Scientific Concepts	
	PHYS 103/103L* .....	4
	GEOL 111/111L* Physical Geology OR GEOL 102/102L* .....	4
	Mathematical Concepts	
	MATH 201* Mathematics for Early Childhood and Elementary Majors I.....	3
	MATH 202 Mathematics for Early Childhood and Elementary Majors II .....	3
	Education Concepts	
	EDUC 115 Introduction to Early Childhood Education.....	3
	EDUC 204 Computer Technology and Instructional Media .....	3
	EDUC 215 Schools and Diversity .....	3
	EDUC 276 Foundations of Early Childhood Education .....	3
	PHED 226 Developing Motor Behavior in Children (Pre-School through Elementary Levels).....	3
	HPRO 331 Health Education for the Primary and Elementary School.....	3
IV.	MAJOR REQUIREMENTS (54 Credits)	
	EDEC 332 Child Development: The Young Child.....	3
	EDEC 314 Language and Emergent Literacy .....	3
	EDEC 338 Creative Experiences for Young Children.....	3
	EDEC 339 Early Childhood Programs and Curriculum.....	3
	EDEC 340 Early Childhood: Field Experience: Pre-Kindergarten .....	3
	EDEC 300 Assessment, Evaluation, and Reporting Progress .....	3
	EDEC 376 Integrated Math/Science/Social Studies I .....	3
	EDEC 377 Strategies for Teaching and Learning with Literature.....	3
	EDEC 379 Early Childhood: Field Experience: Kindergarten.....	3
	EDEC 325 Guiding Young Children's Behavior and Class Management.....	3
	EDEC 420 Integrated Math/Science/Social Studies II.....	3
	EDEC 421 Child, Family, Community, Teacher Relations .....	3
	EDEC 422 Early Literacy Assessment .....	3

EDEC 423 Early Childhood: Field Experience Primary (grades 1-3) .....3  
 EDEC 466 Internship in Early Childhood Education.....12

V. ELECTIVES (0-4 Credits) .....0-4

TOTAL CREDITS REQUIRED .....120+

+ Students are advised to be aware that strict adherence to the prescribed courses as recommended by their advisers is necessary for graduation with 120 hours. If students cannot or do not follow the recommended courses, more than 120 hours will be necessary for meeting all program requirements.

**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 elementary foundation courses, major requirements, and all courses in English, mathematics, science, and social studies required as specified to meet the basic academic core for graduation. Students should plan carefully with their adviser since some courses have prerequisites and are limited to specific semesters. Students may not participate in courses designated with the Education/Elementary Education prefix (EDEL) until after being admitted to the Professional Program in Teacher Education.

II. CORE CURRICULUM (34-41).....34-41

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of C is required.

University 110, The First-Year Experience .....3  
 UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. FOUNDATION COURSES (40-62 Credits)\*

General Content

HPRO 121\* Personal and Community Health .....3  
 ENGL 484 Children’s Literature .....3  
 GEOG 121\* World Regional Geography .....3  
 POLI 201\* American National Government.....3  
 HIST 202 History of the U.S. from Reconstruction to the Present .....3

Mathematical Concepts

MATH 201\* Mathematics for Early Childhood/  
 Elementary Education Majors I.....3  
 MATH 202 Mathematics for Early Childhood/  
 Elementary Education Majors II .....3

Scientific Concepts

BIOL 101/101L\* Science of Life .....4  
 GEOL 111/111L\* Physical Geology or CHEM 101/101L\*,  
 Introductory Chemistry or MSCI 101/101L\* The Sea.....4

Humanistic Concepts

ENGL 205\* Literature and Culture .....3  
 HIST 101\* Foundations of European Civilization to 1648.....3

Education

EDUC 110 Introduction to Teaching in Elementary Education .....3

EDUC 204 Computer Technology and Instructional Media .....	3
EDUC 215 Schools and Diversity .....	3
EDUC 335 Introduction to Educational Psychology.....	3
EDUC 336 Introduction to Human Growth and Development .....	3
HPRO 331 Health Education for Primary and Elementary School.....	3
PHED 226 Developing Motor Behavior in Children (Preschool-Elementary) .....	3
ARTE 329 Art for Elementary Schools .....	3
MUED 354 Music for Young Children .....	3
<b>IV. MAJOR REQUIREMENTS (42 Credits)</b>	
EDEL 314 Emergent Literacy Development .....	3
EDEL 341 Elementary School Curriculum and Organization .....	3
EDEL 343 Instructional Theory and Practice – Elementary Education	3
EDEL 386 Teaching of Language Arts and Social Studies - Elementary Education	6
EDEL 388 Teaching of Science and Mathematics - Elementary Education	6
EDEL 471 Assessment and Evaluation of Literacy .....	3
EDEL 414 Intermediate Literacy Development .....	3
EDEL 472 Classroom Management for Diverse Settings .....	3
EDEL 467 Internship in Elementary School .....	12
<b>V. ELECTIVES (0-4 Credits)</b> .....	0-4
<b>TOTAL CREDITS REQUIRED</b> .....	120+

+ Students are advised to be aware that strict adherence to the prescribed courses as recommended by their advisers is necessary for graduation with 120 hours. If students cannot or do not follow the recommended courses, more than 120 hours will be necessary for meeting all program requirements.

## MIDDLE GRADES EDUCATION (5-8) MAJOR

Middle Grades Education is a program of study that leads to initial South Carolina teacher licensure for grades five through eight, in two content areas. This program includes 1) a set of foundation courses that provide the framework for teaching adolescents in the 21st century, 2) a set of major requirements that focus on the art and science of teaching in the middle grades, and 3) content specialization courses that are defined according to two chosen areas. The content specialization choices are Mathematics, Science, Social Studies, or English/Language Arts. Since a number of these courses have prerequisites and are limited to specific semesters, students should take the time to plan carefully with their assigned advisors.

<b>I. CORE CURRICULUM (34-41)</b> .....	34-41
<b>II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)</b>	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
<b>III. FOUNDATION COURSES (16 credits)</b>	
Minimum grade of <b>C</b> is required in all foundation courses.	
EDUC 117/117L Introduction to Teaching Middle Grades.....	4
EDUC 204 Computer Technology and Instructional Media .....	3
EDUC 215 Schools and Diversity .....	3

EDUC 335 Educational Psychology .....3  
 EDUC 334 Adolescent Growth & Development.....3

IV. MIDDLE GRADES MAJOR REQUIREMENTS (30 credits)

Minimum grade of **C** is required in all major requirement courses.

EDMG 325 Classroom Organization and Management in  
 Middle Grades .....3  
 EDMG 417 Reading in the Middle School .....3  
 EDMG 441 Middle School Curriculum and Organization .....3  
 EDMG 445 Instructional Theory and Practice – Middle School .....3  
 EDMG 489, 490, 491, 492 Specialization Methods (choose two).....6  
 EDMG 468 Middle Grades Internship .....9  
 EDMG 458 Internship seminar .....3

V. MIDDLE GRADES CONTENT SPECIALIZATION AREAS (27 – 38) credits)\*

Minimum grade of **C** is required in all content specialization courses.

Students choose TWO of the specialization areas. Total credit hours will depend on the chosen combination and courses taken in core curriculum.

1. English/Language Arts (12 - 18 credits)\*

ENGL 287\* .....3  
 ENGL 275, ENGL 276 (choose 1).....3  
 ENGL 341, ENGL 277\* (choose 1).....3  
 ENGL 485 .....3  
 ENGL 451, ENGL 453 (choose 1).....3  
 ENGL 459 .....3

2. Mathematics (16 - 20 credits)\*

MATH 160\* .....4  
 MATH 205, 219, 330, and 173.....12  
 STAT 201/201L\* .....4

Students who do not place in Math 160 must take the appropriate prerequisite course(s).

3. Science (16 - 24 credits)\*

BIOL 121/121L, 122/122L.....8  
 CHEM 111/111L\* .....4  
 MSCI 101/101L\* .....4  
 PHYS 103/103L\* .....4  
 ASTR 101/101L\* .....4

4. Social Studies (12 - 21 credits)\*

GEOG 121.....3  
 ECON 101 .....3  
 HIST 389, HIST 383 (choose 1) .....3  
 POL 201\*, HIST 201\* (choose 1).....3  
 POL 101\*, HIST 112\* (choose 1).....3  
 HIST 111\*, RELG 103\* (choose 1) .....3  
 HIST 101\*, HIST 102\* (choose 1) .....3

Students must take at least one course from each of the disciplines:  
 History, Political Science, Geography, and Economics

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

VI. ELECTIVES .....0 - 6

TOTAL CREDITS REQUIRED .....120 - 125

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

The program of study in Special Education focuses on the preparation of teachers of students with Specific 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 Foundation and Major Requirements 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 courses designated with the Education/Learning Disabilities prefix (EDLD) until after being admitted to the Professional Program in Teacher Education.

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

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of C is required.

University 110, The First-Year Experience .....3  
 UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. SPECIAL EDUCATION FOUNDATION COURSES (24-47 Credits)\*

General Content

BIOL 101/101L\* The Science of Life.....4  
 POLI 201\* American National Government.....3  
 GEOG 121\* World Regional Geography .....3  
 PSYC 225/225L\* Psychological Statistics or  
 STAT 201/201L\* Elementary Statistics .....4

Mathematical Concepts

MATH 201\* Mathematics for Early Childhood & Elementary Majors I.....3  
 MATH 202 Mathematics for Early Childhood & Elementary Majors II .....3

Humanistic Concepts

ENGL 205\* Literature and Culture .....3  
 HIST 101\* or 102\* European Civilization.....3

Human Health and Behavior Content

HPRO 121\* Pers & Comm Health or EXSS 122\* Lifetime Fit & Phys Act .....3  
 PSYC 101 General Psychology.....3

Education

EDUC 116 Introduction to Teaching in Special Education.....3  
 EDUC 204 Computer Technology and Instructional Media .....3  
 EDUC 215 Schools and Diversity .....3  
 EDUC 335 Educational Psychology .....3  
 EDUC 336 Introduction to Human Growth and Development. ....3

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

IV. MAJOR REQUIREMENTS (54 Credits)

EDLD 370 Foundations of Special Education .....	3
EDLD 381 Collaborative Practice & Communication for Special Education ....	3
EDLD 388 Methods for Students with Language Learning Disabilities .....	3
EDLD 390 Characteristics of Specific Learning Disabilities.....	3
EDLD 400 Educational Assessment of Exceptional Learners .....	3
EDLD 417 Materials and Methods of Teaching Reading K-12 .....	3
EDLD 420 Elementary Curriculum & Methods for Teaching Students with LD .....	3
EDLD 422 Materials and Methods of Teaching Mathematics, K-12.....	3
EDLD 430 Secondary Curriculum and Methods for Disabilities .....	3
EDLD 440 Managing the Learning Environment and Behavior.....	3
EDLD 459 Learning Disabilities Field Experience II.....	3
EDLD 469 Learning Disabilities Field Experience III (Elementary) .....	3
EDLD 477 Research, Trends and Issues in Learning Disabilities.....	3
EDLD 478 Internship in Learning Disabilities .....	12
EDLD 479 Learning Disabilities Field Experience IV (Secondary).....	3
 V. ELECTIVES (0 - 5 Credits) .....	 0-5
 TOTAL CREDITS REQUIRED .....	 120+

+ Students are advised to be aware that strict adherence to the prescribed courses as recommended by their advisers is necessary for graduation with 120 hours. If students cannot or do not follow the recommended courses, more than 120 hours will be necessary for meeting all program requirements.

## **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 four programs of study: Exercise and Sport Science, Health Promotion, Physical Education/Teacher Education, and Recreation and Sport Management. The department offers minors: Fitness, and Health Promotion. Army ROTC, a curriculum offered to students of any academic major, is also housed in the Department of Health, Physical Education and Recreation. The objectives of each program and the required curriculum are provided below.

### **EXERCISE AND SPORT SCIENCE MAJOR**

Through coursework, research, and practice, the Bachelor of Science in Exercise and Sport Science (EXSS) prepares students for entry into this dynamic and growing field. Students in the EXSS program acquire the knowledge, skills, and abilities of effective beginning professionals. Students study scientific and foundational content of human movement, engage in scholarly inquiry, and apply knowledge and theory to practice.

Graduates of the EXSS major are trained to assess, design, and implement individual and group exercise and fitness programs for individuals who are healthy and with controlled disease. They are skilled in evaluating health behaviors and risk factors, conducting fitness assessments, writing appropriate exercise prescriptions, and motivating individuals to

modify negative health habits and maintain positive lifestyle behaviors. The exercise and sport science professional has demonstrated competence as a leader in university, corporate, commercial, or community settings in which their clients participate in movement and fitness-related activities.

The program's foundation courses provide a scientific basis for human movement, while the required EXSS courses introduce the students to a multidisciplinary approach to the study of exercise and sport science. All EXSS coursework aligns with the recognized professional competencies (American College of Sports Medicine). Towards the latter part of the curriculum, students focus their study to prepare for direct entry into the health/fitness industry (e.g. fitness instructor, personal trainer, strength and conditioning coach) or graduate/advanced study in allied health or medical-related fields (e.g. physical therapy, cardiac rehabilitation). Students will complete their undergraduate education with a full-time internship experience (9-12 credit hours) and are required to sit for a nationally recognized certification exam (ACSM Health Fitness Instructor).

### **MISSION OF THE EXERCISE AND SPORT SCIENCE MAJOR**

Coastal Carolina University's Exercise and Sport Science program prepares competent entry-level exercise and sport science professionals. The program provides students with the knowledge of scientifically-based concepts and strategies, the skills of program design and leadership, and the ability to plan, implement, and assess physical activity and exercise programs that promote healthy lifestyles and enhance quality of life.

### **STUDENT LEARNING OUTCOMES**

At the completion of the Exercise and Sport Science program, students will be able to:

1. Discuss the role and interaction of each of the disciplines that comprise the field of exercise and sport science such as exercise physiology, motor control/learning, biomechanics, nutrition, and exercise/sport psychology.
2. Describe and apply anatomical, physiological, biomechanical, biochemical, behavioral, and psychological concepts important to physical activity and exercise settings.
3. Properly conduct health appraisals and fitness assessments using current technologies and scientifically-based methods for a variety of populations and settings.
4. Properly plan and evaluate individualized exercise prescriptions and programs using health/fitness appraisals and assessments, knowledge of risk factors, and individual status.
5. Properly implement individualized and group exercise and physical activity programs by using correct exercise techniques, methods, and programmatic variables.
6. Apply the skills of scientific inquiry, research, and evaluation in the field of exercise and sport science.
7. Monitor program administration, including, but not limited to management of emergency and safety procedures, risk management, facility design, and program evaluation/assessment.
8. Demonstrate the dispositions of an effective entry-level exercise science professional including, but not limited to effectively communicating, advocating for health-enhancing physical activity and exercise, working within specific community or agency goals, and serving as a resource person.

### **POLICIES AND REQUIREMENTS**

Students must earn a grade of C or above in each course used to satisfy a) Major Requirements, b) Health and Human Behavior Foundation Courses, and c) BIOL 121, and BIOL

232/L and 242/L. A grade of C or above is also required in English 101. Students who intend to earn a degree in Exercise and Sport Science must be accepted as degree candidates in the major.

All EXSS students are required to complete a capstone 350 (9 credits) or 450 hour (12 credits) internship at an approved exercise and sport science site. Students are expected to demonstrate mastery of the student learning outcomes during this experience. An end-of-program exam is required of all students earning a degree in the program. The purpose of the national ACSM Health Fitness Instructor exam is to determine how well students have mastered program content within the student learning outcomes, and provide students with an opportunity to gain a valuable external credential/certification.

All EXSS majors are required to be admitted to both the program and the internship. Admissions criteria for the program are consistent with the other pre-professional programs in the Spadoni College of Education and the Department of Health, Physical Education, and Recreation.

**Admission Requirements to the Program**

1. Completion of 45 semester hours with a cumulative CCU grade point average of 2.25 or higher
2. "C" or better in BIOL 121, 232, and 242 (and labs); EXSS 122 and 205; HPRO 121
3. Submit application to Advisor and Program and receive notice of acceptance

**Admission Requirements to the Internship**

1. Admission to the EXSS program
2. "C" or better in all EXSS Major courses
3. "C" or better in all Health and Human Behavior Foundation courses (4 courses)
4. Completion of all undergraduate required coursework with cumulative CCU grade point average of 2.25 or higher
5. Submit application to Advisor and Program and receive notice of acceptance

**DEGREE REQUIREMENTS – EXERCISE AND SPORT SCIENCE**

I. CORE CURRICULUM (34-41 Credits).....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of C is required.	
University 110, The First-Year Experience.....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. EXSS FOUNDATION (24-36 Credits)*	
Science and Math	
BIOL 121/121L* Biological Science I.....	4
BIOL 232/232L* Human Anatomy & Physiology I.....	4
BIOL 242/242L Human Anatomy & Physiology II.....	4
CHEM 101/101L* Introductory Chemistry, CHEM 111/111L* General Chemistry, or PHYS 201/201L* General Physics I.....	4
MATH 131 Trigonometry, MATH 132* Calculus, MATH 135* Pre-Calculus, or MATH 160* Calculus I.....	4
STAT 201/201L* Elementary Statistics or PSYC 225/225L* Psychological Statistics.....	4
Health and Human Behavior	
HPRO 121* Personal and Community Health.....	3

EXSS 122* Lifetime Fitness and Physical Activity .....	3
PSYC 101* General Psychology or SOC 101 Introductory Sociology .....	3
HPRO 404 Nutrition or EXSS 413 Exercise and Sport Nutrition .....	3

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

IV. MAJOR REQUIREMENTS (45-50 Credits)

EXSS 205 Introduction to Exercise and Sport Science .....	3
EXSS 330 Injury Management .....	3
EXSS 340 Sport and Exercise Behavior .....	3
EXSS 350 Exercise Physiology and 350L Lab.....	4
EXSS 360 Motor Behavior .....	4
EXSS 385 Fitness Assessment and Exercise Prescription .....	3
EXSS 400 Biomechanics and 400L Lab.....	4
EXSS 410 Cardiopulmonary Rehabilitation.....	3
EXSS 415 Personal Fitness Leadership.....	3
EXSS 496 Internship in Exercise and Sport Science.....	9-12
EXSS Selectives.....	6-8

Choose 2 courses from list of approved courses aligning with student goals (Fitness/Applied or Science/Clinical)

V. ELECTIVES (0-17 Credits).....0-17

TOTAL CREDITS REQUIRED .. .....120 + Credits

(Students are advised to be aware that strict adherence to the prescribed courses as recommended by their advisors is necessary for graduation within 120 hours. If the student cannot or does not follow the required coursework and sequence, more than 120 hours will be necessary for meeting all program requirements.)

## HEALTH PROMOTION MAJOR

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 which support better health practices. Students majoring in health promotion have the flexibility of choosing between one of three areas of study: Cognate, Communication Option, or Fitness Option.

Students completing the degree are 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, in wellness programs within business and industry, in medical facilities, or in private consultation. The program is designed so that students desiring careers in allied health/medical fields may complete prerequisite courses within the major. 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).

In 2008, the Health Promotion program became the 18th in the nation and the first health promotion-related program in South Carolina to achieve the SABPAC Program Approval award designation. This voluntary credential is granted by the Society of Public Health Education (SOPHE) and American Association for Health Education (AAHE). The designation is recognized by the profession as a measure of quality assurance for entry-level health education/promotion preparation programs.

The curriculum in the Health Promotion program is designed to address the seven areas of responsibility for the health education profession as recommended by NCHEC. This framework enhances students' professional preparation, credentialing, and professional development in the health education and promotion work setting.

## **MISSION OF THE HEALTH PROMOTION MAJOR**

To provide an innovative program of study, incorporating experiential learning with a challenging positive academic environment for development and growth which integrates critical thought, theoretical concepts, ethical perspectives, and an appreciation for the richness of diversity to strengthen the profession of health promotion by advancing theory into practice.

## **STUDENT LEARNING OUTCOMES**

Student learning outcomes for the major include, but are not limited to the following:

1. assessing individual and community need for health education and promotion;
2. planning health education and promotion strategies, interventions, and programs;
3. implementing health education and promotion strategies, interventions, and programs;
4. conducting evaluation and research related to health education and promotion;
5. administering health education and promotion strategies, interventions, and programs;
6. serving as a health education and promotion resource person;
7. communicating and advocating for health, health education, and health promotion.

### **OPTION 1: HEALTH PROMOTION MAJOR WITH COGNATE**

This selection provides students flexibility in planning a cognate or minor area of study. The fifteen-credit cognate will consist of 300-400 level courses outside of major or basic science credits (need faculty approval). Students desiring careers in allied health/medical fields might select the cognate area of study to complete recommended pre-requisite courses. This area might also be selected by students who wish to complete a minor.

### **OPTION 2: HEALTH PROMOTION MAJOR WITH COMMUNICATION OPTION**

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. Health communication is effective at demonstrating or illustrating healthy skills for behavior change and showing the benefit of that change. Additionally, health communication can prompt individuals and communities to act as well as serve as a venue for healthy policy advocacy.

### **OPTION 3: HEALTH PROMOTION MAJOR WITH FITNESS OPTION**

This option is designed for students who desire to work in the areas of corporate wellness, personal training, wellness centers, or nonprofit/municipal fitness programs. The area of health and fitness is a rapidly expanding area of work in both the public and private sectors. The Health Promotion degree with the fitness option will provide specialized educational and practical experiences to those interested in the fitness industry. In addition, students are provided the theoretical framework and skills needed to be eligible to sit for professional certifications from national fitness and health education organizations.

## **POLICIES AND REQUIREMENTS**

Students must earn a grade of C or above in each course used to satisfy Major Requirements and Cognate/Option Requirements. A grade of C or above is also required in English

101, HPRO 121 and HPRO 201. 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.

All Health Promotion students are required to complete 320 internship hours at approved health promotion and education sites. A 30 hour pre-internship is completed as a portion of the course requirements for HPRO 201 – Principles of Health Promotion and Education. The HPRO 485- Field Study in Health Careers course requires the successful completion of a Professional Portfolio and a 290 hour, senior-level internship. An end-of-program exam is administered as part of HPRO 495 – Senior Seminar: CHES Review. In order to evaluate student learning outcomes for the Health Promotion degree program, the following methods will be used: mastery of skills-based assignments in required Health Promotion classes, successful completion of the 320 hour internships, evidence of mastery of the health promotion and education competencies in the Professional Portfolio, and a grade of C or better on the end-of-program exam.

### ADMISSION TO DEGREE CANDIDACY

Admissions criteria for the program are consistent with the other pre-professional programs in the Spadoni College of Education and the Department of Health, Physical Education, and Recreation.

Prior to being admitted, a student must:

- see an adviser in the Health Promotion program for guidance;
- complete HPRO 121 and 201 with a grade of C or above 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 following classes: HPRO 350, 410, 481, 485, 491, & 495;
- complete an application for admission into the Health Promotion program and receive notice of acceptance.

### HEALTH PROMOTION DEGREE REQUIREMENTS (COGNATE, COMMUNICATION OPTION AND FITNESS OPTION)

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits) Minimum grade of C is required. University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (17 – 25 Credits)* Health and Human Behavior HPRO 121* Pers & Comm .....	3
HPRO 201 Prin Health Prom/Ed .....	3
PSYC 101* OR SOC 101* .....	3
Mathematical Concepts* MATH 103*, 132*, 160*, 201* .....	3
STAT 201/201L*, CBAD 291*, OR PSYC 225/225L* .....	4
*Math course from core requirements noted in determining credit requirements.	
Scientific Concepts BIOL 232/232L* Anat & Phys I .....	4
BIOL 242/242L Anat & Phys II .....	4
CHEM 101/101L* or 111/111L* .....	4

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

IV. MAJOR REQUIREMENTS (40 Credits)	
HPRO 235 Adv Emer Care & First Aid.....	3
HPRO 310 Issues Fam Life & Sexuality .....	3
HPRO 350 Prof & Prog Dev in Health .....	3
HPRO 382 Diseases & Disorders .....	3
HPRO 404 Nutrition .....	3
HPRO 410 Epidemiology & Quant. Res. ....	3
HPRO 481 Beh Found & Dec Making .....	3
HPRO 485 Field Study in Health.....	9
HPRO 491 Needs Assess & Eval Health .....	3
HPRO 495 CHES Review .....	1
HEALTH PROMOTION ELECTIVES	
Two 300-400 level HPRO classes not listed previously	
Health Promotion elective classes .....	6
V. COGNATE OR AREA FOCUS (14-15 Credits)	
CHOOSE ONE OF THE AREAS BELOW:	
COGNATE (15 Credits)	
Choose 15 hours of 300-400 level courses outside of major or	
basic science credits (need adviser approval)	
Cognate classes .....	15
COMMUNICATION (15 Credits)	
COMM 101 Intro to Communication .....	3
COMM 274 Organizational Comm .....	3
COMM 311 Survey in Health Comm .....	3
COMM/JOUR 312 Writing for Media Relations.....	3
COMM 410 Special Topics in Comm.....	3
FITNESS (14 Credits)	
EXSS 122 Lifetime Fit. & Phys. Act.....	3
EXSS 350/350L Exer. Phys & Lab.....	4
EXSS 385 Exer. Testing & Prescription .....	3
EXSS 398 Practicum in Fitness .....	1
EXSS 415 Personal Fit. Leadership.....	3
VI. ELECTIVES (0-15 Credits).....	0-15
TOTAL CREDITS REQUIRED .....	120

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

The program of study in Physical Education focuses on the preparation of physical education teachers. Candidates who complete the program will be licensed in grades K-12 physical education. The program involves both in-class and field experiences that prepare candidates to deliver best practice in physical education. Students must earn a “C” or above in all Foundation and Major Requirements courses. Students should plan carefully with their assigned adviser since many courses have prerequisites and are limited to specific semesters. Many courses may not be completed until after being admitted to the Professional Program in Teacher Education. As a Teacher Education candidate, students

should consult the Professional Program in Teacher Education section in the Catalog.

I.	CORE CURRICULUM (34-41) .....	34-41
II.	FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
	Minimum grade of <b>C</b> is required.	
	University 110, The First-Year Experience .....	3
	UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III.	FOUNDATION COURSES (34-41 Credits)*	
	Health and Behavior	
	HPRO 121* Personal and Community Health .....	3
	EXSS 122* Lifetime Fitness and Physical Activity .....	3
	HPRO 331 Health Education for Prim and Elem School.....	3
	Science	
	BIOL 232/232L* Anatomy and Physiology I and Lab.....	4
	BIOL 242/242L Anatomy and Physiology II and Lab .....	4
	EXSS 350/350L Exercise Physiology and Lab .....	4
	EXSS 360 Motor Behavior.....	4
	EXSS 400/400L Biomechanics and Lab .....	4
	Education	
	EDUC 204 Computer Tech and Instructional Media .....	3
	EDUC 215 Schools and Diversity .....	3
	EDUC 335 Introduction to Educational Psychology.....	3
	EDUC 336 Introduction to Human Growth and Dev .....	3
	*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
IV.	MAJOR REQUIREMENTS (52 Credits)	
	EDPE 131 Orientation to PETE.....	1
	EDPE 232 History and Philosophy .....	3
	EDPE 290 Adapted Physical Activity.....	3
	EDPE 303 Teaching Lifetime Fitness .....	3
	EDPE 304 Teaching Team Sports .....	3
	EDPE 305 Teaching Lifetime Activities .....	3
	EDPE 320 Curriculum and Administration .....	3
	EDPE 325 Assessment and Technology .....	3
	EDPE 410 Elementary School PE Pedagogy.....	4
	EDPE 411 Middle School PE Pedagogy .....	4
	EDPE 412 High School PE Pedagogy .....	4
	EDPE 479 Internship (Physical Education).....	12
	EDPE Physical Activity Selectives .....	6
	Select six (6) different 1-credit Physically Active Living Skills (PALS) courses from an approved list	
V.	ELECTIVES (0 Credits).....	0
	TOTAL CREDITS REQUIRED .....	120+

+ Students are advised to be aware that strict adherence to the prescribed courses as recommended by their advisers is necessary for graduation within 120 hours. If the student cannot or does not follow the required coursework and sequence, more than 120 hours will be necessary for meeting all program requirements.

## **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 sporting 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 and one of two specialized tracks, recreation management or sport management. The curricula for both tracks of study align with the program approval competencies of the National Recreation and Park Association (NRPA) and The North American Society of Sport Management (NASSM). The program culminates in a semester-long internship placement in the field.

## **MISSION OF THE RECREATION AND SPORT MANAGEMENT MAJOR**

Coastal Carolina University's Recreation and Sport program prepares competent entry-level professionals in the recreation or sport industries. Graduates gain the foundational knowledge of recreation and sport behavior and practice, supervisory skills and management techniques specific to the delivery of recreation and sport services, and the ability to plan, promote implement, and evaluate contemporary recreation and sport programs or events that serve society and enhance quality of life.

## **STUDENT LEARNING OUTCOMES**

At the completion of the RSM program student will be able to:

1. Explain the principles and philosophies underlying the field of recreation and sport management.
2. Demonstrate managerial skills in the areas of personnel, scheduling, program evaluation, decision-making, goal setting, and problem solving.
3. Implement legal and risk management aspects of recreation and sport management.
4. Apply knowledge and skills of facilities and events planning.
5. Conduct appropriate needs assessment, marketing, and public relations necessary to promote and program recreational and sport events and activities.
6. Communicate with key constituencies in recreation or sport settings.
7. Apply the principles, techniques, and strategies of marketing to recreation or sport events.
8. Display the dispositions of an effective entry-level recreation and sport manager including, but not limited to communication, professionalism, and functioning within organizational goals.

## **POLICIES AND REQUIREMENTS**

Students must earn a grade of **C** or above in each course used to satisfy a) Major Requirements, and b) Foundation Requirements. A grade of **C** or above is also required in English 101. Students who use a minor to satisfy the sport management track requirements must meet all requirements of the minor (consult catalog). Students who intend to earn a degree in Recreation and Sport Management must be formally accepted into the program and into the internship.

All Recreation and Sport Management students are required to complete a capstone 12-week, 480 hour internship at an approved and supervised site. Students are expected to demonstrate mastery of the student learning outcomes during this experience. End-of-program oral and written exit exams are required of all students to be admitted to the internship. The purpose of the exit exam is to determine how well the student has mastered program content within the student learning outcomes.

All Recreation and Sport Management students are required to be admitted to both the program and the internship. Admissions criteria for the program are consistent with the other pre-professional programs in the Spadoni College of Education and the Department of Health, Physical Education, and Recreation.

### **Admission Requirements to the Program**

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

- Complete RSM 242 and HPRO 121/RSM 120 with a grade of **C** or higher;
- Complete a minimum of 45 semester hours with an overall CCU grade point average (GPA) of 2.25, to be maintained for admission to the following pre-internship block of classes: RSM 396, 432, 494, and RSM 369 (sport)/456 (recreation);
- Complete an application of admission to the Recreation and Sport Management program and receive notice of acceptance.

### **Admission Requirements to the Internship**

Students must 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 CCU Grade Point Average of 2.25 or higher;
- Successfully complete oral and written (comprehensive) exit exams during RSM 396;
- Complete an application for admission to the internship and receive notice of acceptance.

## **DEGREE REQUIREMENTS – RECREATION MANAGEMENT**

I.	CORE CURRICULUM (34-41) .....	34-41
II.	FRESHMAN GRADUATION REQUIREMENT (0-3 Credits) Minimum grade of <b>C</b> is required. University 110, The First-Year Experience .....	3
	UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III.	RSM FOUNDATION (28-31 Credits)* .....	
	CBAD 350 Marketing .....	3
	ECON 101 Survey of Economics .....	3
	HPRO 121* Pers & Comm Health or RSM 120* Leisure, Rec and Wellness .....	3
	COMM 140 Oral Communication.....	3

PSYC 101* General Psychology or SOC 101* Introductory	
Sociology.....	3
RSM 242 Introduction to RSM .....	3
RSM 337 Legal Issues in RSM .....	3
RSM 389 Leadership in RSM .....	3
RSM 396 Orientation to Internship .....	1
RSM 432 Research & Evaluation in RSM.....	3
RSM 494 Area & Facility Management in RSM .....	3

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

IV. RSM MAJOR REQUIREMENTS - Recreation Management (48 Credits)	
ECON 320 or 330 Environ & Nat. Res. Econ or	
Econ of Leisure & Tourism .....	3
HPRO 235 Advanced Emergency Care.....	3
PHIL 318 or 319 Business Ethics or Environmental Ethics.....	3
RSM 280 Recreation for People w/Disabilities.....	3
RSM 315 Outdoor Recreation .....	3
RSM 352 Commercial Recreation .....	3
RSM 390 Program Planning & Promotion .....	3
RSM 392 Field Experience in RSM.....	3
RSM 456 Recreation Administration .....	3
RSM 496 Internship in RSM.....	12
Recreation Management Selectives - Three of:	
RSM 210, 301, 305, 309, 310, 340, 350, 377, 399, 400, 438,	
482, 492, 499, PHIL 319, ECON 320 or 330 .....	9
V. ELECTIVES (0-10 Credits).....	0-10
TOTAL CREDITS REQUIRED .....	120

**DEGREE REQUIREMENTS – SPORT MANAGEMENT**

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. RSM FOUNDATION (28-31 Credits)*	
CBAD 350 Marketing .....	3
ECON 101 Survey of Economics.....	3
HPRO 121* Pers & Comm Health or	
RSM 120* Leisure, Rec and Wellness .....	3
COMM 140 Oral Communication.....	3
PSYC 101* General Psychology or	
SOC 101* Introductory Sociology.....	3
RSM 242 Introduction to RSM .....	3
RSM 337 Legal Issues in RSM .....	3
RSM 389 Leadership in RSM .....	3

RSM 396 Orientation to Internship .....	1
RSM 432 Research & Evaluation in RSM .....	3
RSM 494 Area & Facility Management in RSM .....	3

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

IV. MAJOR REQUIREMENTS - Sport Management (36 Credits)	
ECON 331 Economics of Sport .....	3
ENGL 390 Business Communication .....	3
EXSS 340 Behavioral Aspects of Sport & Exercise .....	3
PHIL 318 or 305 Business Ethics or Contemporary Moral Issues.....	3
RSM 301 or 309 Principles of Coaching or Youth Sports.....	3
RSM 320 Administration of Sport.....	3
RSM 369 Sport Marketing & Promotion .....	3
RSM 400 Sport in Contemporary Society.....	3
RSM 496 Internship in RSM.....	12
V. COGNATE REQUIREMENT (15 Credits).....	15
Students must select an approved minor or cognate of courses (upper 300-400 level) intended to support the major in career-related areas and drawn from outside their major with the approval of their faculty adviser.	
VI. ELECTIVES (0-7 Credits).....	0-7
TOTAL CREDITS REQUIRED .....	120+

+ Students are advised to be aware that strict adherence to the prescribed courses as recommended by their advisers is necessary for graduation within 120 hours. If the student cannot or does not follow the required coursework and sequence, more than 120 hours will be necessary for meeting all program requirements.

## 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.

Courses Required (14 Credits)	Credits
EXSS 122 Lifetime Fitness and Physical Activity.....	3
EXSS 350 Exercise Physiology and Lab .....	4
EXSS 385 Exercise Testing and Prescription.....	3
EXSS 398 Practicum in Fitness .....	1
EXSS 415 Personal Fitness Leadership .....	3

**Approved Electives (6 Credits)**

EXSS 330 Injury Management .....	3
EXSS 340 Sport and Exercise Behavior .....	3
EXSS 390 Strength and Conditioning.....	3
EXSS 400 Biomechanics and Lab.....	4
EXSS 405 Exercise Testing & Prescript for Diverse Population .....	3
EXSS 410 Cardiopulmonary Rehabilitation .....	3
EXSS 420 Exercise and Aging .....	3
HPRO 347 Consumer Health Education .....	3
HPRO 404 Nutrition .....	3
RSM 320 Administration of Sport and Fitness .....	3
PSYC 423 Psychology of Aging .....	3

TOTAL CREDITS REQUIRED .....20-21

**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

**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) 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).

## **ARMY RESERVE OFFICER TRAINING CORPS (ROTC)**

Army Reserve Officer Training Corps (ROTC) is a coeducational program dedicated to developing college-educated men and women to serve in challenging positions of leadership, responsibility, and varied managerial positions both as officers in the U.S. Army and civilians in corporate America.

Army ROTC requires from two to four years to complete, depending on student qualifications. This time is normally divided into a two-year basic program, comprising freshman and sophomore students and a two-year contractual advanced program for juniors and seniors. Students with prior military service, JROTC, or National Guard/Reserve service may qualify for direct placement in the advanced program. At the beginning of the junior year, students with two years remaining before graduation may also qualify for the advanced program by attending Leadership Training Course (LTC), a four-week course offered during the summer at Fort Knox, Kentucky. All students participate in a regular program of physical fitness and field training.

### **MISSION AND OBJECTIVES OF ROTC**

The primary objective of the Army Reserve Officer Training Corps (ROTC) at Coastal Carolina is to recruit, train, and retain students in order to commission quality Officers for all components of America's Army. The ROTC incorporates classroom and practical training in leadership, organization, planning, decision-making, and military skills. Intermediate objectives are to provide Cadets with an understanding of the fundamentals of responsibility, integrity, and self-discipline, as well as an appreciation of the citizen's role in national defense. The application of the decision-making process to a variety of situations is given major emphasis as a valuable aid in developing leadership potential. Army ROTC provides individuals with skills, experiences, and opportunities to develop their leadership skills. During classes and field training, Cadets will learn first-hand what it takes to lead others, motivate groups, and how to conduct missions as an Officer in the Army. Upon graduation from Army ROTC, Cadets will earn the bar of a Second Lieutenant and be a commissioned officer.

### **ROTC REQUIREMENTS**

ROTC objectives are achieved through a "program" normally covering four years. ROTC is not a degree-granting program, but a collection and sequence of eight (8) courses that students choose to complete in addition to their chosen academic major. A two-year program is available for those who qualify. Students may use ROTC courses to satisfy available "electives" in their major. The program includes specific courses in military science, more general academic subjects that assure a well-rounded education, practical training in leadership through participation in the Corps of Cadets (including attendance at one four-week summer camp at an Army installation), and the opportunity to participate in a number of extracurricular activities. The typical student completes one basic ROTC course per semester during the freshman and sophomore year (100-200 level). At the start of their junior year, students have the option to pursue a commitment or a commission in the

US Army. At this time, Cadets would sign a contract with the US Army. Students making this commitment would pursue the ROTC advanced courses (300-400 level).

### ROTC CURRICULUM

#### ROTC Basic Courses (10 Credits)

The Basic Course takes place during the first two years in college as elective courses. It normally involves one elective class or lab each semester.

ROTC 101/101L Fundamentals of Military Science.....	2
ROTC 102/102L Introduction to the Army .....	2
ROTC 201/201L Fundamentals of Military Leadership .....	3
ROTC 202/202L Fundamental of Military Decision Making .....	3

#### ROTC Advanced Courses (16 Credits)

The Advanced Courses take place during the last two years in college as elective courses. It normally includes one elective class or lab each semester, plus a summer leadership camp. As a prerequisite, all cadets must have completed either the Basic Course or have attended the Leadership Training Course (LTC). Entering the advanced course requires a commitment to serve as an Officer in the U.S. Army after graduation.

ROTC 301/301L Advanced Military Decision Making .....	4
ROTC 302/302L Applied Military Leadership .....	4

#### Leader Development and Assessment Course (Fort Lewis, Washington) Summer

ROTC 401 Leadership and Management Seminar I .....	4
ROTC 402 Leadership and Management Seminar II .....	4
Total Required Credits .....	26

### ROTC SCHOLARSHIP PROGRAM

The Army ROTC Scholarship Program awards four-, three-, and two-year scholarships to eligible students on a competitive basis. Applications for three-year and two-year ROTC scholarships are accepted year-round. Students do not have to be enrolled in ROTC to apply for three-year and two-year scholarships. The scholarship amount is applied to the cost of tuition. An additional amount of \$1,200 is awarded for books and supplies. The students also receive a tiered allowance of \$300, \$350, \$450, or \$500 per month for up to 10 months of each school year depending on their academic status, i.e., freshman, sophomore, junior, or senior. All students receive \$700 while attending the five-week Leader Development and Assessment Course at Fort Lewis, Washington, after their junior year.

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

William Richardson, *Dean*

John P. Beard, *Associate Dean*

Arne Flaten, *Associate Dean*

Eldred Prince, Jr., *Director of the Waccamaw Center for Cultural and Historical Studies*

Claudia McCollough, *Director of the Jackson Center for Ethics and Values*

### **DEPARTMENT OF COMMUNICATION**

Lee Bollinger, *Associate Professor*

Gary Carson, *Assistant 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, *Professor*

John P. Beard, *Professor*

Daniel J. Ennis, *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*

Joe Oestreich, *Assistant Professor*

Carol Osborne, *Associate Professor*

Nelljean M. Rice, *Associate Professor*

Julia A. Ross, *Instructor*

Sara L. Sanders, *Professor*

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*

Pedro Maligo, *Associate Professor and Chair*

José Luis Mireles, *Senior Instructor*

Mario Morales, *Senior Instructor*

J. Alberto Pérez, *Associate Professor*

José H. Sanjinés, *Associate Professor*

Rebecca Searle, *Senior Instructor*

Maria Luisa Torres, *Assistant Professor*

### **DEPARTMENT OF HISTORY**

Aneilya Barnes, *Assistant Professor*

Orville Vernon Burton, *Burroughs Distinguished Professor of Southern History and Culture*

F. Eliza Glaze, *Assistant Professor*

Lawrence J. Kent, *Senior Instructor*

Brian K. Nance, *Professor*

John J. Navin, *Associate Professor*

Robert T. Oliver, *Senior Instructor*

Brandon Palmer, *Assistant Professor*

Eldred Prince, Jr., *Professor and Director of the Waccamaw Center for Cultural and Historical Studies*

William Richardson, *Professor*

Roy Talbert, Jr., *Professor*

Kenneth W. Townsend, *Professor and Chair*

Philip Whalen, *Associate Professor*

## **DEPARTMENT OF MUSIC**

Steve Bailey, *Artist in Residence*

David A. Bankston, *Associate Professor*

Patti Edwards, *Assistant Professor*

Richard L. Johnson, *Professor*

Jeff Jones, *Assistant Professor*

Dan O'Reilly, *Lecturer*

Philip Powell, *Professor*

Tonya Propst, *Assistant Professor*

Kurry Seymour, *Lecturer*

Terri Sinclair, *Assistant Professor*

Gary Stegall, *Professor*

Amy Tully, *Lecturer*

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*

Michael S. Ruse, *Associate Professor and Chair*

Renée Smith, *Associate Professor*

## **DEPARTMENT OF POLITICS AND GEOGRAPHY**

Suheir Daoud, *Assistant Professor*

Edgar L. Dyer, *Professor*

James D. Henderson, *Professor*

Alan L. Little, *Senior Instructor*

Pamela Martin, *Associate Professor*

Paul C. Peterson, *Professor*

John V. Riley, *Associate Professor*

Kenneth Rogers, *Professor and Chair*

Holley Tankersley, *Assistant Professor*

Frederick Wood, *Assistant Professor*

Min Ye, *Assistant Professor*

## **DEPARTMENT OF THEATRE**

Monica Bell, *Assistant Professor*

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

## **DEPARTMENT OF VISUAL ARTS**

Steven Bleicher, *Associate Professor*  
Cynthia Farnell, *Assistant Professor and Gallery Director*  
Daryl Fazio, *Assistant Professor*  
Arne Flaten, *Associate Professor*  
Mary Elizabeth Howie, *Assistant Professor*  
Elizabeth F. Keller, *Professor*  
Maura Kenny, *Professor*  
Treelee MacAnn, *Professor*  
Penelope Miller, *Assistant Professor*  
Paul A. Olsen, *Professor and Chair*  
Talbot Easton Selby, *Assistant Professor*  
Susan J. Slavik, *Associate Professor*

## **DEGREES**

### **BACHELOR OF ARTS**

Art Studio  
Communication  
Dramatic Arts  
English  
History  
Music  
Musical Theatre  
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 - Paul Olsen	Music - Vacant
Art Education - Susan Slavik	Music Education - Tonya Propst
Communication- Steve Madden	Musical Theatre - Kenneth Martin
English - Daniel Ennis	Philosophy and Religion - Michael Ruse
Foreign Languages - Pedro Maligo	Politics and Geography - Kenneth Rogers
History - Ken Townsend	Theatre - 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.

Admission to Degree Candidacy

Prior to being admitted, a student must:

1. See an adviser in the Communication Department for guidance.
2. Have obtained an overall grade point average of 2.25 and completed a minimum of 30 semester hours including the following:
  - A. English 101 and a core communication intensive course with a grade of **C** or above in each course
  - B. Communication 101 and Communication 140 with a grade of **C** or above in each course
  - C. Complete a departmental application.
3. For transfer students who have more than 24 transfer credit hours, a minimum GPA of 2.25 must be obtained after completing at least 12 credit hours in one semester at Coastal Carolina University before application to the major can be made.
4. Upon completion of these requirements, a student will be formally accepted as a candidate for the Bachelor of Arts in Communication.

Students must earn a grade of **C** or better in each of the courses used to satisfy the major requirements. Final responsibility for satisfying degree requirements, as outlined in the university catalog, rests with the student.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits) Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (6 Credits)	
Communication 101 Introduction to Communication .....	3
Communication 140 Oral Communication .....	3
IV. MAJOR REQUIREMENTS (42 Credits)	
Communication 274 Organizational Communication .....	3
Communication 275 Communication Theory.....	3
Communication 276 Communication Research .....	3
Communication 302 Communication Law and Ethics .....	3
Communication 491 Communication Capstone: Thesis OR .....	
Communication 492 Communication Capstone: Project.....	3
CHOOSE ONE: .....	3
Communication 304: Gender Communication, Communication 311: Health Communication, Communication 410: Special Topics in Communication	
CHOOSE EIGHT FROM: .....	24
COMM 304, COMM 311, COMM 334, COMM 341, COMM 410, COMM 495, ENGL 390, CBAD 350, ENGL 362, ENGL 462, ENGL 465,	

JOUR 307, JOUR 309, JOUR 310, JOUR 312,  
 PHIL 305, PHIL 317, PHIL 318, PSYC 303.

V. MINOR REQUIREMENTS (18 Credits)..... 18

Students will select a minor in consultation with their advisers. They will choose from any minors listed in the Coastal Carolina University catalog, including, but not limited to the following: Art History, Art Studio, Biology, Business Administration, Chemistry, Computer Science, Dramatic Arts, Economics, English, Environmental Science, Exercise and Sport Science, Fitness, French, German, Graphic Design, Health Promotion, History, International Studies, Journalism, Latin American Studies, Mathematics, Marine Science, Music, Philosophy, Physics, Political Science, Pre-Law, Psychology, Sociology, Spanish, Statistics, Women’s Studies.

VI. ELECTIVES (9-17 Credits).....9-17

TOTAL CREDITS REQUIRED .....120

**INTERDISCIPLINARY COMMUNICATION MINOR**

Adviser: Dr.. Lee Bollinger

Communication 101.....	3
Communication 274.....	3
Communication 275.....	3
English 459 .....	3
Communication 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 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, Communication 341 Advanced Public Speaking requires that students first complete Communication 140 Oral Communication, 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 200 or 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 works.
4. Demonstrate an understanding of the characteristics of linguistic systems 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. All English majors will participate in the English Department Assessment.

- I. CORE CURRICULUM (34-41) .....34-41
- II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)  
Minimum grade of C is required.  
University 110, The First-Year Experience .....3  
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.
- III. FOUNDATION COURSES (3 Credits)  
Take one of the following (in addition to core requirement): .....3  
HIST 101, 102, 111, 112, 201, or 202  
PHIL 101, 110, 310  
RELG 103, 104  
LATN 110, 120,130
- IV. MAJOR REQUIREMENTS (48 Credits)  
Take four of the following six literature surveys, choosing at least one world, one British and one American. ....12  
ENGL 275 (WORLD LIT I)  
ENGL 276 (WORLD LIT II)  
ENGL 303 (BRIT LIT I)  
ENGL 304 (BRIT LIT II)  
ENGL 305 (AMER LIT I)  
ENGL 306 (AMER LIT II)  
ENGL 300 (Critical Conversations) .....3  
Take three of the following courses: ENGL 451, 453, 459, 483 .....9

Take seven upper-division (301-499) courses from a rotation of current offerings.....	21
ENGL 411 English Capstone .....	3
V. COGNATE REQUIREMENT ( 9 Credits) .....	9
Students are to take three courses at the 300 or 400 level outside their major, OR students are to pursue the minor of their choice.	
VI. ELECTIVES (19-26 Credits) .....	19-26
Note: Transfer or adult students who are exempt from completing UNIV 110 must complete 3 additional credits of electives unless the student has earned a minimum of 120 total required credits.	
TOTAL CREDITS REQUIRED .....	120

**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**

**STUDENT LEARNING OUTCOMES**

Learning to communicate in a language and to understand its related cultures is a continuous, cumulative process. Active participation, effort, and exposure to learning opportunities are required in this process and, together with quality instruction, usually determine one’s level of accomplishment. Students completing foreign language course levels (100, 200, 300, 400) at CCU should be able to:

1. produce and understand the sounds of the language accurately;
2. communicate in the target language as a non-native speaker;
3. better understand syntactical and semantic differences between native tongue and target language;
4. demonstrate knowledge of cultural products and practices of the target cultures;
5. make intellectual connections to other disciplines when the target languages and/or cultures are involved.

The above competencies must be understood in the context of level progression: the higher students move in the sequence of courses, the more encompassing and refined their abilities will be.

## **GENERAL INFORMATION**

The foreign language requirement in all programs at Coastal Carolina University can be satisfied by successful completion of 3 credit hours at the 130 level or higher, or 6 credit hours in a foreign language sequence. ("Sequence" means courses in the same language.) In a foreign language course sequence, 110 is a prerequisite for 120, and 120 (or 111) is a prerequisite for 130. A student's entry level in a foreign language course is determined by a placement test. French, German, Japanese, 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 (i.e. different from a language they have studied before) should register for a 110 course.

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

"Continuing students" refers to first-time college students who intend to continue to study the foreign language they studied in high school. The term does not apply to transfer students.

Continuing students who wish to continue with French, German, or Spanish must take the Foreign Language Placement Test that is administered on the web. Students can take the test by going to [www.coastal.edu/flic](http://www.coastal.edu/flic) and following the links to a particular test. The user name is coastal and the password is teal. All continuing students must take the placement test before enrolling in a foreign language course. The placement test determines the student's entry level into a foreign language course. The test is a placement tool only; its result cannot be used to request academic credit. Any questions should be directed to the Foreign Language Instructional Center (FLIC) at 843-349-2478.

Students who place above the 130 level on the French, German, or Spanish placement test:

- and wish to enroll in a course numbered higher than 130 should contact the Chair of the department of Foreign Languages 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, Latin, or Portuguese (for continuing students)**

Students who wish to continue with Italian, Japanese, Latin, or Portuguese 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 the same foreign language in high school with a "B" or better average may go directly into 130.

### **Special Cases: Exemption from the foreign language requirement**

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) can elect to be exempt, without credit, from Coastal's language requirement. These students are required to contact the Chair of the Department of Foreign Languages to obtain a letter verifying their exemption.

Students whose native language is English but who can demonstrate native or near-native proficiency in a language other than English can also elect to be exempt, without credit, from this requirement. These students are required to request exemption by contacting the Chair of the Department of Foreign Languages and following the steps necessary to

verify their proficiency. The steps will include a professional evaluation of the student's linguistic ability by CCU or outside faculty, and may require payment of a professional services fee by the student.

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

## SPANISH MAJOR

Spanish is a liberal arts major designed to give students knowledge (both information and skill-based) and understanding (both intellectual and intuitive) of Spanish and the diverse cultural environments where the language is relevant. Students successfully completing the undergraduate major will be competitive for positions in the private and public sectors for which the Spanish B.A. degree is an entry level requirement. Students who complete the undergraduate program with a high level of success will be prepared for graduate work in Spanish.

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

1. students must register with the Department by consulting the departmental administrative assistant and/or the Chair of the Department in order to be counseled and to be assigned an adviser;
2. to remain a major in the Department, a student must maintain a C average in all courses taken in the Department. Students who fail to maintain this academic standard may be dropped from the Department by the Chair upon unanimous recommendation of the departmental faculty.

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

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

### II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of **C** is required.

University 110, The First-Year Experience .....3  
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

### III. FOUNDATION COURSES (12 credits)

Spanish 210 (Prerequisite for 300 level courses).....3  
Spanish 211 (Recommended before higher level courses) .....3  
World and Latin American Literature in Translation: English  
275, English 276, or English/Spanish 322 (choose one) .....3  
Latin American history and civilization: Politics 304,  
History 355/Politics 320, or History 356/Politics 321  
(choose one).....3

### IV. MAJOR REQUIREMENTS (30 credits)

A grade of "C" or above is required in all Spanish courses.

Spanish 315.....3  
Spanish 320, 321, 323 (Choose one) .....3  
Spanish 330, 333 (Choose one) .....3  
Spanish 340.....3

Spanish 350, 495 (Choose one) .....	3
Spanish 360, 380 (Choose one) .....	3
Spanish 410 .....	3
Spanish 411 .....	3
Spanish 430, 431 (Choose one) .....	3
Spanish 480 .....	3

V. COGNATE REQUIREMENTS (12 Credits).....12  
 Cognate is a requirement designed to encourage the student to enroll in upper-division courses outside the major field which will complement and enrich the student’s work in the major. Courses taken for cognate credit must be approved in advance by the student’s faculty adviser. These credits may be distributed over more than one subject area. Only courses numbered 300 or above are acceptable for cognate credit. A grade of “C” or above is required in all cognate or courses.

VI. ELECTIVES (25-32 credits) .....25-32

TOTAL CREDITS REQUIRED .....120

**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**

**STUDENT LEARNING OUTCOMES**

1. History majors will gain knowledge in the history of Asia, Africa, Europe, and the Americas.
2. History majors will gain knowledge of United States history including the Declaration of Independence, the Constitution, and the Federalist Papers.
3. History majors will conduct research in primary and secondary sources and apply the research in formal academic assignments.
4. History majors will gain communication skills including composition, presentation, and revision.
5. History majors will gain skills in generating academic documentation following the University of Chicago style.
6. History majors will gain knowledge of historiography and methodology.

**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.

History is the study of change over time and is a fundamental component of a liberal

arts education. We believe that a knowledge of history is necessary to understanding contemporary problems and indispensable in meeting the challenges of the future. As historians, our mission is to preserve, advance, and communicate knowledge of the past to our students. We fulfill our mission through research, teaching, and service.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of C is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (9–24 credits)*	
History 101*, 102*, 111*, 112*, 201*, 202* .....	18
History 250 .....	3
For History majors, History 250, Historical Research and Writing, is a prerequisite or co-requisite for all upper level history courses.	
One of the following:	
ENGL 275, 276, 277, 278; PHIL 101*, 103;	
POLI 101*; WGST 103, GEOG 121 .....	3
*Credits can be counted only once. Therefore, credits for courses taken as part of the Core Curriculum are counted only there and not elsewhere in the major.	
IV. MAJOR REQUIREMENTS (24 credits)	
History 498 Senior Seminar .....	3
History 300-level or above .....	21
Students must take at least one upper-level course in United States, European, and Non-Western history. Students with a 3.50 or higher GPA in all history courses may elect to take History 499, Senior Thesis. This is recommended for students intending to pursue graduate study in History.	
V. COGNATE REQUIREMENT (12 credits).....	12
Cognate courses are upper-level courses (numbered 300 or higher) in disciplines other than the student’s major but that support the major. Cognate courses should be chosen in consultation with the student’s academic adviser. Alternatively, history majors may choose to minor in another discipline. Requirements for the minor are set by the minor department. The cognate requirement is subsumed by the minor.	
VI. ELECTIVES (19–41 credits) .....	19-41
TOTAL CREDITS REQUIRED .....	120

<b>HISTORY MINOR</b>	<b>Credits</b>
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

#### STUDENT LEARNING OUTCOMES

Through the completion of specific competency expectations, graduates will demonstrate:

1. The ability to think, speak, and write clearly and effectively; to communicate with precision, cogency, and rhetorical force.
2. An informed acquaintance with the mathematical and experimental methods of the physical and biological sciences: with main forms of analysis and historical and quantitative techniques needed for investigating the workings and developments of modern society.
3. The ability to address cultural and history from a variety of perspectives.
4. The ability to respect, understand, and evaluate work in a variety of disciplines.
5. The understanding of, and experience in thinking about, moral and ethical problems.
6. Understanding of and experiences in art forms other than music.
7. Ability to hear, identify, and work conceptually with the elements of music: rhythm, melody, harmony and structure.
8. An understanding of compositional processes, aesthetic properties of style, and ways these are shaped by artistic and cultural forces.
9. An acquaintance with a wide selection of musical literature, principal eras, genres, and cultural forces.
10. The ability to develop and defend musical judgments.
11. Ability in performing areas appropriate to student's needs and interests.
12. Ability to read at sight with fluency demonstrating both general musicianship and a level of skill; keyboard skills.
13. Knowledge and skill on matters of musical interpretation.
14. Growth in artistry, technical skills and knowledge of repertoire through regular ensemble experiences.
15. An understanding of common elements and organizational patterns of music and their interaction.
16. Sufficient understanding of music form, processes and structures; ability to demonstrate these skills in performance, analytical, scholarly and pedagogical applications.

Through diversity of course offerings and performance opportunities, the Department of Music provides a wealth of musical experiences for students of any major. The central focus of the Department is the synergy between exploration of the arts and the preparation of students who seek professional careers in the creation and interpretation of music. Students develop requisite learner-specific cognitive and psychomotor skills as well as a focused aesthetic understanding of music that enables them to enter a career in a music-related field or further their exploration of the art in a graduate program. Deeply related to that focus is the Department's commitment to elevate and sustain a study of music both as a necessary mode of understanding and a vibrant expression of the human experience.

- I. CORE CURRICULUM (34-41) .....34-41
- II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)  
Minimum grade of **C** is required.  
University 110, The First-Year Experience .....3  
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfacto-

rily completed a college transition course.

III. MUSIC FOUNDATION COURSES (16 Credits)	
Music 115, 116 - Introduction to Music Theory I, II .....	6
Music 117, 118 - Ear Training and Sight Singing I, II.....	2
Music 175, 176 - Class Piano I, II (2 credits each).....	4
Applied Lessons (2 credits each semester) .....	4
IV. MAJOR REQUIREMENTS (44 Credits)	
Music 215, 216 - Theory and Literature I, II .....	6
Music 217, 218 - Ear Training and Sight Singing III, IV .....	2
Music 253, 254 - History of Western Music I, II (3 credits each) .....	6
Applied Lessons (2 credits each semester) .....	16
Ensemble - (1 credit each semester).....	8
Music 333, Conducting and Score Reading .....	2
Music 334 /334b - Choral /Instrumental Conducting.....	2
Music 385 - Form and Analysis.....	3
Music 400 - Senior Recital .....	0
Discipline Literature.....	3
V. REQUIRED SPECIALIZATION (8 Credits)	
Piano Students:	
MUS 414 Piano Literature .....	3
MUS 415 Piano Pedagogy Intern.....	1
MUS 416 Elem. Piano Pedagogy.....	3
Voice Students:	
MUED 163 Diction I.....	2
MUED 164 Diction II .....	2
MUS 435 Vocal Pedagogy Intern.....	1
MUS 436 Elem. Voice Pedagogy <u>or</u> .....	3
MUS 469 CHORAL LIT.....	3
(MUSIC EDUCATION)	
OR	
MUS 434A Vocal Literature.....	3
(NON MUSIC EDUCATION)	
Instrumental Students:	
MUED 165 Class Voice I.....	2
MUED 166 Class Voice II.....	2
MUS 469B Instrumental Lit. ....	3
MUS 124M Marching Band (brass, woodwinds) .....	3
MUS 124D Drum Line (percussion) .....	3
<p>A diagnostic and advisory review of the student's work will be conducted at the end of the sophomore year. This review will examine proficiencies in written and aural theory, keyboard skills, applied music and will determine the student's eligibility for upper level (junior-senior) courses.</p> <p>A grade of C or above is required in all major courses.</p>	
VI. ELECTIVES (11-18 Credits) .....	11-18

TOTAL CREDITS REQUIRED .....120

**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**

**PHILOSOPHY MAJOR**

The Department of Philosophy and Religion is dedicated to helping students acquire the skills which are central to a first-rate liberal arts education. Among those skills are the ability to express ideas effectively, appreciate great works in philosophy, and to make reasoned, thoughtful, and compassionate judgments in the complex and diverse world in which we live. The department encourages students to apply these skills to current issues relevant to their lives, and it is dedicated to creating a supportive learning environment that helps students to mature intellectually and emotionally.

**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, such as ancient philosophers, and 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 moral problems of human experience in areas including business, the environment and medicine, through the understanding of a wide array of ethical theories.

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

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of C is required.

University 110, The First-Year Experience .....3

UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. FOUNDATION COURSES (6-22 Credits)\*

Philosophy 101\* .....3

Philosophy 110.....3

Philosophy 271\*.....3

One Course from two different areas:

Religion 103*, 104, 360	
English 275, 276	
Politics 104, 300, 303	
History 304, 345, 346 .....	6

One course from:

Physics 103/103L	
Physics 201/201L*, 211/211L*	
Astronomy 101/101L*	
Biology 121/121L* .....	4

One course from:

Economics 110*	
Psychology 101*	
Sociology 101* .....	3

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

IV. MAJOR REQUIREMENTS (33 Credits)

Logic Requirement:	
Philosophy 321 .....	3
History Requirement:	
Philosophy 300, 301, and 302 .....	9
Area Requirement:	
Philosophy 419 or 420 .....	3
Ethics Requirement:	
Philosophy 311 and (Choose one) 305, 317, 318 or 319 .....	6
Philosophy 490 .....	3
Electives:	
Three Philosophy courses, at least two of which are numbered	
300 or above .....	9

V. COGNATE REQUIREMENTS (12 Credits) ..... 12

Cognate courses are courses drawn from outside the major but intended to support the major. Cognate courses must be upper-level (junior-senior) courses, must be related to the student's major, and must be approved by the student's adviser. Courses for cognate credit may be drawn from one or more departments. A grade of C or above is required in all cognate courses.

VI. ELECTIVES (12-35).....12-35

TOTAL CREDITS REQUIRED .....120

**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
<b>TOTAL CREDITS REQUIRED .....</b>	<b>18</b>

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**

The mission of the Department of Politics and Geography is to enhance student understanding of the enduring questions of politics, and of the institutions and political life of the U.S. and other regions and countries of the world. Students will gain knowledge of the constitutional foundation, institutional structure, and processes of American government; analyze organizational and managerial principles of the public sector and evaluate their impact on public policy; analyze and evaluate the philosophic tradition of Political Science and the great thinkers; compare and contrast governments and political institutions of the world; analyze and evaluate the ways in which actors in the international system interact politically, diplomatically, economically, socio-culturally, and militarily.

### **Student Learning Outcomes**

(Please note that these learning outcomes are included in the above mission statement)

Graduates will be able to:

1. Demonstrate knowledge of the constitutional foundation, institutional structure, and processes of American government.
2. Analyze organizational and managerial principles in the public sector and evaluate their impact on public policies.
3. Analyze and evaluate the philosophic tradition of Political Science and the great thinkers.
4. Compare and contrast governments and political institutions of the world.
5. Analyze and evaluate the ways in which actors in the international system interact politically, economically, socio-culturally, 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 33 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.

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.

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

II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of C is required.

University 110, The First-Year Experience .....3

UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. FOUNDATION COURSES (9-18 Credits)\*

Communication 140 .....3

Computer Science 105.....3

Geography 121\* .....3

Politics 101\* .....3

Politics 200 .....3

Politics 201\* .....3

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

IV. MAJOR REQUIREMENTS (27 Credits)

Politics 370, 371, 373, 453, 473 (Choose one).....3

Politics 315 .....3

Politics 316.....3

Politics 300, 302, 401, 402, 403, 404 (Choose one).....3

Politics 360, 361, 362, 363, 365, 449, 450, 452, 455,  
462, 463, 467 (Choose one).....3

Politics 300 level or above .....9

Politics 497 .....3

V. COGNATE REQUIREMENTS (12 Credits).....12

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. A minimum of 12 credits is required. These credits may be distributed over more than one subject area. Only courses numbered 300 or above are acceptable for cognate credit with the exception of Economics 201 and 202. Any two (2) of the following courses offered by South Carolina technical colleges can be used towards satisfying the cognate requirement in the Political Science degree program: Criminology (CRJ 125), Seminar in Criminal Justice (CRJ 260), Torts (LEG 120), Introduction to Law and Ethics (LEG 135), Property Law (LEG 214).

A grade of C or above must be earned in each course to be applied toward the cognate requirements.

VI. ELECTIVES (25-38 Credits) ..... 25-38

TOTAL CREDITS REQUIRED ..... 120

**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**

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) **a list of approved courses provided by the International**

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

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, 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 439 (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 THEATRE**

**MISSION STATEMENT**

Within the context of a liberal arts education, the Department of Theatre strives to educate intellectually curious and confident artists who are fully engaged in both historic precedent and contemporary work in the theatre. Looking to a broader context, the program encourages students to learn a wide range of skills in theatre 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 theatre, including a familiarity with influential playwrights, actors, directors, and designers,
2. demonstrate a competence in a number of theatre 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 theatre,
5. demonstrate an understanding of critical methods for evaluating contemporary thinking about theatre and related arts,
6. make informed assessments about quality in public performance, and
7. manifest creative talents in the theatre 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.

All Dramatic Arts majors must participate in end of year portfolio review and/or jury.

All Dramatic Arts majors whose emphasis is performance/directing must audition for all departmental performances.

A grade of **C** or better must be earned in each of the foundation and major requirements courses.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (19 Credits)	
Theatre 130 Principles of Dramatic Analysis .....	3
Theatre 150 Acting I .....	3
Theatre 154 Introduction to Costuming .....	3
Theatre 155 Stagecraft .....	3
Theatre 220 Theatre Laboratory (one each, total of four).....	4
Theatre 288 Directing I: The Director's Vision.....	3
IV. MAJOR REQUIREMENTS (31 Credits)	
Theatre 329 Stage Management OR Theatre 429 Theatre Management .....	3
Theatre 361 Theatre History and Literature I.....	3
Theatre 362 Theatre History and Literature II.....	3
Theatre 491 New Works: Special Topics.....	3
Theatre 499 Theatre Capstone Project.....	1
	Total 13
Choose one of the following areas:	
A. Performance/Directing	
Theatre 230 Complete Stage Makeup .....	3
Theatre 240 Voice and Diction.....	3
Theatre 250 Acting II .....	3
Theatre 350 Acting III.....	3
Theatre 372 Movement .....	3
Theatre 450 Acting IV OR	
Theatre 388 Directing II.....	3
	Total 18
B. Design/Technical	
Theatre 352 Costume Design I.....	3
Theatre 355 Scene Design.....	3
Theatre 356 Lighting Design .....	3
Theatre 451 Design Survey .....	3
Theatre 351, Theatre 357, Theatre 358 (Choose two) .....	6
	Total 18
V. COGNATE OR MINOR REQUIREMENTS.....	18

**COGNATES**

Cognate courses are courses drawn from outside the major, but intended to support the major. Cognate courses must be upper level (junior-senior) courses,

must be related to the student's major, and must be approved by the student's adviser. Courses for cognate credit may be drawn from one or more departments. A grade of **C** or above is required in all cognate or minor courses.

**MINORS**

In place of the cognate requirement, students may elect to substitute an approved minor. Courses used in the minor cannot be used to satisfy major's requirements.

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

VI. ELECTIVES .....11-18

TOTAL CREDITS REQUIRED .....120

<b>DRAMATIC ARTS MINOR</b>	<b>Credits</b>
Theatre 101, Introduction to Theatre Art .....	3
Theatre 130, Principles of Dramatic Analysis .....	3
Theatre 150, Acting I .....	3
Theatre 154, Introduction to Costuming .....	3
Theatre 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 THEATRE MAJOR**

**EDUCATIONAL OBJECTIVES**

Musical Theatre students are expected to:

1. acquire and demonstrate an understanding of the historical and cultural dimensions of musical theatre, 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 theatre and production;
4. demonstrate an understanding of methods for evaluating the elements of musical theatre; and
5. develop the ability to analyze and critique performances both orally and in writing.

To achieve these educational objectives, the musical theatre program offers a focused undergraduate theatre curriculum in theatre, 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 Theatre. Students must earn a grade of **C** or above in each course used to satisfy the Musical Theatre major and pass a keyboard proficiency exam as outlined in the Music Handbook.

All Musical Theatre majors must participate in end of year portfolio review and/or juries. All Musical Theatre majors must audition for all departmental productions.

A grade of **C** or better must be earned in each of the foundation and major requirements courses. The Musical Theatre major must pass a keyboard proficiency exam as outlined in the Music Handbook.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
II. FOUNDATION COURSES (38 Credits)	
Music 115, Introduction to Music Theory I.....	3
Music 117, Ear Training and Sight Singing I.....	1
Music 118, Ear Training and Sight Singing II .....	1
Music 131, 132, 231, 232, 331, 332, 431, 432 (Applied Voice) .....	16
Music 175, Class Piano I .....	2
Theatre 130, Principles of Dramatic Analysis .....	3
Theatre 150, Acting I.....	3
Theatre 154, Introduction to Costuming OR 155, Stagecraft.....	3
Theatre 174, Ballet I.....	2
Theatre 175, Jazz I.....	2
Theatre 176, Tap I.....	2
III. MAJOR REQUIREMENTS (38 Credits)	
Theatre 220, Musical Theatre Laboratory .....	1
One practicum required for backstage crew of play or musical	
Theatre 221, Musical Theatre Laboratory .....	2
Two practicums required for actual performance in a musical	
One additional practicum of either Theatre 220 OR	
Theatre 221 (for actual performance) is required.....	1
Theatre 274, Ballet II.....	2
Theatre 276, Tap II .....	2
Theatre 279, Jazz II .....	2
Theatre 288, Directing I .....	3
Theatre 240, Voice and Diction .....	3
Theatre 250, Acting II.....	3
Theatre 295, Musical Theatre Scene Study .....	3
Theatre 350, Acting III .....	3
Theatre 361, Theatre History and Literature I.....	3
Theatre 362, Theatre History and Literature II.....	3
Theatre 363, Musical Theatre History .....	3
Theatre 498, Musical Theatre Capstone .....	1
Theatre 491, New Works: Special Topics.....	3
VI. ELECTIVES.....	3-10
TOTAL CREDITS REQUIRED .....	120

## 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 52 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.

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

#### II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of **C** is required.

University 110, The First-Year Experience .....3

UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

#### III. FOUNDATION COURSES (18 Credits)

Art Studio 103, 104.....6

Art Studio 111, 112 .....6

Art History 105, 106 .....6

\*Students who use either ARTS 103 or 104 to satisfy the core requirement must take an additional 3 credit ARTS elective.

\*\*Students who use either ARTH 105 or 106 to satisfy the core requirement must take an additional 3 credit ARTH elective.

#### IV. MAJOR REQUIREMENTS (34 Credits)

(Minimum grade of **C** required in all courses)

Art Studio 231 .....3

Art Studio: 6 hours 200 level, 6 hours 300 level, 6 hours 400 level.....18

Art Studio 297.....1

Art Studio 497.....3

Art History 200 level or above.....6

Art History 350 .....3

Art Studio majors must present a juried exhibition of their work at Coastal prior to graduation.

#### V. COGNATE OR MINOR REQUIREMENTS (12 Credits).....12

Cognate course are courses drawn from outside the major but intended to support the major. Cognate courses must be upper level (junior-senior) courses, must be related to the student's major, and must be approved by the student's adviser. Courses for cognate credit may be drawn from one or more departments. A grade of **C** or above is required in all cognate or minor courses.

#### VI. ELECTIVES (15-22 Credits).....15-22

TOTAL CREDITS REQUIRED .....120

### 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

The Women's and Gender Studies Program is dedicated to the interdisciplinary study of gender and sexuality as economic, political, and cultural constructs. Courses within the minor rigorously investigate the gendered nature of knowledge, institutional structures, and cultures to promote active learning and engaged citizenship among all CCU students-male and female-through various feminist theories and methodologies.

The Women's and Gender Studies minor is available to all undergraduates, whatever their major. Students pursuing a minor must consult with their major adviser and with the WGST Program Director to select courses that meet the program requirements. As a part of the application for the minor, students must meet all the courses' prerequisites.

In addition to the two courses required for all WGST minors, students must select at least five (5) additional courses from the electives list below. Other appropriate courses may be added to the minor at the discretion of the Program Director.

Required Courses:

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

Electives

Choose at least five courses from the following:

Communication 304 .....	3
Communication 489 .....	3
English 443 .....	3
English 444 .....	3
English 489 .....	3
Health Promotion 310 .....	3
Health Promotion 480 .....	3
History 386 .....	3
Journalism 365 : .....	3
Philosophy 322 .....	3
Psychology 300 .....	3
Psychology 301 .....	3
Psychology 310 .....	3
Religion 360 .....	3
Sociology 301 .....	3
Sociology 305 .....	3
Sociology 309 .....	3
Sociology 450 .....	3
Women's and Gender Studies 399 .....	3
Women's and Gender Studies 495.....	3

TOTAL CREDITS REQUIRED: ..... 21

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

Michael H. Roberts, *Dean*

James Luken, *Associate Dean*

John P. Steen Jr., *Assistant 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*

Sharon L. Gilman, *Associate Professor and Chair*

Kevin Godwin, *Assistant Professor*

Vladislav Gulis, *Assistant Professor*

Christopher E. Hill, *Associate Professor*

John J. Hutchens, *Assistant Professor*

Fang Ju Lin, *Assistant Professor*

James O. Luken, *Professor*

Michael H. Roberts, *Professor*

Suzanne S. Senchak, *Instructor*

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

J. Derek Elgin, *Assistant Professor*

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*

Louis E. Keiner, *Associate Professor*

Varavut Limpasuvan, *Associate Professor*

E. Herbert Newman, *Lecturer*

Louis Rubbo, *Assistant Professor*

### **DEPARTMENT OF COMPUTER SCIENCE**

Crystal C. Edge, *Instructor*

Jean French, *Assistant Professor*

Terrence P. Fries, *Associate Professor*

Jeffrey P. Linder, *Assistant Professor*

Stephen J. Sheel, *Professor and Chair*

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, *Assistant Professor*

Paul T. Gayes, *Professor and Palmetto Professor of Marine Science*

Craig S. Gilman, *Associate Professor*

Jane L. Guentzel, *Associate Professor*

Eric T. Koepfler, *Professor*

Brent L. Lewis, *Associate Professor*

Susan Libes, *Professor*

Keith R. Walters, *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*

Jenny Covington, *Instructor*

Joanne R. Duvall, *Instructor*

Menassie Ephrem, *Assistant Professor*

Thomas Hoffman, *Assistant Professor*

Andrew Incognito, *Assistant Professor*

Keshav Jagannathan, *Assistant Professor*

Patrick D. McCormick, *Lecturer*

Tadele Mengesha, *Assistant Professor*

Joseph S. Parker, *Instructor*

Dale Quinn, *Lecturer*

Prashant S. Sansgiry, *Professor and Chair*

Bart Snapp, *Assistant Professor*

James Solazzo, *Assistant Professor*

Tessa Wienstein, *Assistant Professor*

Perry J. Zeltner, *Lecturer*

Jie Zhou, *Assistant Professor*

## **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*

Jason Eastman, *Assistant Professor*

Deborah Perkins, *Assistant Professor*

Susan E. Webb, *Professor*

## DEGREES

### Bachelor of Arts

Psychology  
Sociology

### Bachelor of Science

Biology  
Chemistry  
Computer Science  
Marine Science  
Mathematics, Applied  
Physics, Applied  
Psychology

### Dual Degree Program

Engineering with Clemson University

### Master of Science

Coastal Marine and Wetland Studies

### Minors

Actuarial Science  
Biology  
Chemistry  
Coastal Geology  
Computer Science  
Environmental Science  
Marine Science  
Mathematics, Applied  
Physics  
Psychology  
Sociology  
Statistics

### Certificate

Gerontology

## DEPARTMENT OF BIOLOGY

### BIOLOGY MAJOR

#### Student Learning Outcomes

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

1. Demonstrate an understanding of biology as a process and a body of knowledge.
2. Demonstrate an understanding of the historical development of biological concepts and identify the relationships among these concepts.
3. Integrate biology with other disciplines.
4. Solve problems, observe, collect and analyze data, and think critically.
5. Effectively use general and sophisticated laboratory equipment, and develop discipline-specific field notebooks and journals.
6. Relate specific knowledge regarding the diversity of life on earth.
7. Write and communicate orally in order to appropriately disseminate biological information.
8. Exhibit self-discipline, persistence, and a willingness to perform beyond the minimum requirements of a task.

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.

- I. CORE CURRICULUM (34-41) .....34-41
- II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)

Minimum grade of **C** is required.

University 110, The First-Year Experience .....3  
 UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

III. FOUNDATION COURSES (28-40 Credits) .....	Credits
Mathematics 160* .....	4
Statistics 201/201L* or Psychology 225/225L* .....	4
Chemistry 111/111L*, 112/112L.....	8
Chemistry 331/331L, 332/332L.....	8
Physics 201/201L*, 202/202L or 211/211L*, 212/212L .....	8
Biology 121/121L*; 122/122L* .....	8

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

IV. MAJOR REQUIREMENTS (38-39 Credits)	
Biology 340/340L .....	4
Biology 350/350L .....	4
Biology 370/370L .....	4
Biology 412.....	3

Students are required to take an additional 23-24 credits as noted below. Following completion of BIOL 121 and 122, students need to select one of the following three specializations in accordance with their career goals with assistance from their academic adviser.

**Cellular, Molecular Biology and Genetics Specialization**

Students are required to take Microbiology and Molecular Biology and Evolution.

Required: Microbiology, BIOL 330/330L.....	4
Molecular Biology and Evolution, BIOL 450/450L .....	4

Recommended: 15-16 credits from the following: BIOL \*315/315L, 320, 328/328L, \*343/343L, 345, 349/349L, 365/365L, 397/397L, 405/405L, 410/410L, 431/431L, 442/442L, 451, 470, CHEM 351/351L, up to 4 credits 399/499..... 15-16

**Integrative Biology Specialization**

All students are required to take courses in cell and molecular biology, organismal biology, and ecology and evolution. Students will gain some background in cell and molecular biology and ecology in BIOL 340, 350, 370. Four credits of animal biology and 4 credits of plant biology are required of all students. The other credits should include at least one cellular/molecular and ecology course.

Required:

Minimum 4 credits animal biology:

BIOL 302/302L, 310/310L, 390, 391, *315/315L, *343/343L, 365/365L, 423/423L, 426/426L, 431/431L, 436/436L, 461/461L, 485/485L .....	4
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Minimum 4 credits plant biology:

BIOL 321/321L, 325/325L, 349/349L, 424/424L .....	4
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Minimum 4 credits in cellular/molecular biology:

BIOL 328/328L, 330/330L, 345, 349/349L, 410/410L, 442/442L, 450/450L, 451 .....	4
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Minimum 4 credits in ecology:

BIOL 481/481L, 482/482L, 484/484L, 488/488L, 390, 391, MSCI 331/331L.....	4
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Recommended: the remaining 7-8 credits must be 300 or 400-level biology courses  
Up to 4 credits of BIOL 399/499 may be included..... 7-8

**Ecology, Evolution, and Conservation Biology Specialization**

Students are required to take Evolution (BIOL 365/365L) and Conservation Ecology (BIOL 484/484L). The remaining 15 - 16 credits must be any 300- or 400-level biology courses. Recommended choices are listed below and an EEC Field Experience is strongly recommended.

Required: Evolution, BIOL 365/365L.....4  
Conservation Ecology, BIOL 484/484L.....4

Recommended: 15-16 credits from the following:

BIOL 302/302L, 310/310L, 321/321L, 325/325L, 328/328L, 349/349L, 423/423L, 424/424L, 426/426L, 431/431L, 436/436L, 442/442L, 461/461L, 465/465L, 481/481L, MSCI 331/331L .....11-12  
EEC Field Experience (4 credits)

This can be any approved field course including:

BIOL 399, 499, 390, 391, MSCI 473, 477 .....4

\*Denotes courses strongly recommended for Pre-Med or Pre-Health Professional students. (See Pre-Health Professional Preparation below.)

A "C" or better is required in all Major Requirements, BIOL 121/121L, BIOL 122/122L, and biology electives.

V. ELECTIVES (0-16 Credits) .....0-16

TOTAL CREDITS REQUIRED.....120

**Pre-Health Professional Preparation**

The Pre-Health Professional recommendations are for students who intend to pursue careers in the following Health professions:

- Medicine
- Dentistry
- Veterinary medicine
- Nursing
- Pharmacy
- Allied-health (physicians assistant, physical therapy, occupational therapy).

Note that these recommendations are for advising purposes only and the requirements for health professional programs vary both by school and by discipline. There is further information on the Biology Web Site, and students are encouraged to contact their targeted programs and schools directly.

The following 4 courses are strongly recommended by Coastal Carolina University's Medical Advisory Committee:

- Microbiology, BIOL 330/330L
- Comparative Vertebrate Anatomy, BIOL 315/315L
- Comparative Physiology, BIOL 343/343L
- Biochemistry I, CHEM 351/351L

Also recommended: Students should take 8 credits from the following:  
BIOL 345, 397/397L, 405/405L, 410/410L, 431/431L, 450/450L, 470,  
CHEM 351/351L, PHIL 317, PHIL 340

## **BIOLOGY/MASTER'S OF BUSINESS ADMINISTRATION DUAL DEGREE PROGRAM**

In cooperation with the E. Craig Wall School of Business, the Department of Biology offers students a unique opportunity to complete both a Bachelor of Science in Biology and a Master in Business Administration (MBA) in five years (includes summer school). This dual degree program is designed to provide students with both a strong science background in the biological sciences as well as in business administration and will be beneficial to those interested in management level position in the Biomedical and Biotechnical areas of the business sector. It will also be valuable to those wishing to become a Medical Doctor, Doctor of Dentistry, Doctor of Veterinary Medicine and other related professionals degree and who anticipate managing their own practices.

**Admission:** There are two points of entry for this program. Entering freshman who wish to complete the program in 5 years must specifically apply to the Department of Biology for this program. These students should have a high-school grade point average of 3.5 (on a scale of 4.0), earned an 1150 or better on the SAT and place in Math 160 (Calculus) on Coastal Carolina University's math placement test. Currently enrolled Coastal Carolina University students may also apply to this program and must have a 3.5 overall GPA to be considered.

**Program requirements:** The program requires that the student complete all requirements for the Bachelor of Science in Biology and the Master's in Business Administration as outlined in the University Catalog. Preparation for entry in the MBA program requires a B or better in each of the 24 hours of business courses (listed below) that are taken simultaneously with the requirements for the BS in Biology.

**Final entry into the MBA portion of the program:** Final entry is contingent on successful completion of the BS in Biology, completion of the business prerequisites with a B or better, and a score of at least 500 on the Graduate Management Admissions Test (GMAT), two letters of recommendation, submission of a resume and the approval of the MBA Admissions Committee.

**Curriculum:** The Biology/MBA Degree Program requires successful completion of a BS in Biology. The business courses listed below will constitute a Minor in Business Administration and also satisfy the prerequisites for the MBA (with a B or better in each course). Depending on the entry level into Mathematics and Foreign Language, most of these courses can be applied as elective credit satisfying the BS in Biology.

### **MBA PREREQUISITE COURSES (25 Credits)**

Financial and Managerial Accounting, CBAD 201, 202.....	6
Macro and Micro Economics, ECON 201, 202 .....	6
Finance, CBAD 363 .....	3
Statistics (included in Biology Degree), STAT 201/201L.....	4
Marketing, CBAD 350 .....	3
Management, CBAD 371 .....	3

**TOTAL CREDITS REQUIRED.....**25

### **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

#### Student Learning Outcomes

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

1. Comprehend the fundamental principles underlying all chemical processes.
2. Apply the broad and rapidly expanding body of chemical knowledge.
3. Analyze and critique specific information in the chemical literature.
4. Design experiments and collect information related to chemical phenomena.
5. Interpret and evaluate information obtained in experiments in terms of current chemical theory and concepts.
6. Communicate orally and in writing specific information obtained in experiments and the interpretation of experimental results.

Students must earn a C or better in all Major Courses.

Chemistry is the science of all matter and its changes, and is therefore intimately linked to all the natural and applied sciences. Chemists work in diverse scientific, medical and engineering fields, so the curriculum of the Bachelor of Science degree in Chemistry includes opportunities to take specialized coursework in biochemistry, environmental chemistry and other areas in addition to advanced courses in inorganic, organic, physical, and analytical chemistry. Students with specific career objectives should choose advanced coursework in consultation with their advisers. All majors are required to participate in one semester of faculty-directed laboratory research, and additional research experience is strongly encouraged. Students must earn a C or better in all Major Courses.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (23-35 Credits)*	
Chemistry 111/111L* .....	4
Chemistry 112/112L† .....	4
Chemistry 150 *† .....	3
Mathematics 160*, 161 .....	8
Mathematics 260 .....	4
Physics 211/211L*; 212/212L .....	8
Physics 330 or Math 242 .....	3-4
†A minimum grade of <b>C</b> is required for these courses.	
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
IV. MAJOR REQUIREMENTS (44 Credits)	
Minimum grade of <b>C</b> required for all major requirement courses.	
Chemistry 321/321L .....	4
Chemistry 331/331L, 332/332L .....	8
Chemistry 351/351L .....	4
Chemistry 399 .....	1
Chemistry 411/411L .....	4
Chemistry 422/422L .....	4
Chemistry 441/441L, 442/442L .....	8
Chemistry 499 - undergraduate research .....	3
Students are required to choose an additional 8 credits hours in two or more Chemistry courses at the 300-level or above. Chemistry 301 and 399 are not acceptable. ....	
V. ELECTIVES (0-19 Credits) .....	0-19
TOTAL CREDITS REQUIRED .....	120

**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.

	<b>Credits</b>
<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 <b>not</b> acceptable. Marine Science 305/305L, 355/355L, 401/401L, and 402/402L <b>are</b> acceptable .....	3-4
TOTAL CREDITS REQUIRED .....	23-24

## APPLIED PHYSICS MAJOR

### Student Learning Outcomes

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.

The Applied Physics degree at Coastal Carolina University focuses on the application of physics to various problems in science and engineering. Students can easily merge their interest in physics with another subject at Coastal Carolina University such as marine science, chemistry, computer science, or mathematics through a minor or double major. Applied Physics students can also pursue the dual-degree engineering program with Clemson University.

Two tracks are available: environmental and general. Both of these tracks have a common core of introductory study (Essentials of Physics I, II and III with a strong math and computing 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. Students must earn a grade of **C** or above in all Foundation and Major Requirements.

Applied Physics majors will receive a strong technical background, which serves as a good foundation for careers in industry, manufacturing, government, medicine, research and development, quality control, and environmental monitoring. 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.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (45-46 Credits)*	
PHYS 211/211L*, 212/212L, 213/213L.....	12
MATH 160*, 161, 260, 320.....	15
MATH 344 or 452 .....	3
STAT 201/201L* .....	4

CHEM 111/111L*; 112/112L .....	8
CSCI 207, 208, or 209 or MATH 242 .....	3-4

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

**IV. MAJOR REQUIREMENTS (31-33 Credits)**

PHYS 301 (Analytical Mechanics) .....	3
PHYS 302 (Electricity and Magnetism).....	3
PHYS 310 (Mathematical Methods) .....	3
PHYS 341 (Thermal and Statistical Mechanics).....	3
PHYS 398 (Seminar).....	1
PHYS 499 (Undergraduate Research).....	6
Choose one track: .....	12-14

General Track: Any four 300-level or higher science courses, with Adviser approval.

Environmental Physics Track: Any three of Marine Science 301 (Physical Oceanography), Physics 430 (Fluid Mechanics), Physics 431 (Geophysical Fluid Dynamics), Physics 432 (Remote Sensing of the Environment), Physics 434 (Physical Meteorology), and one 300-level or higher physics course.

**V. ELECTIVES.....0-18**

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

**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 .....

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**

**MISSION STATEMENT**

The mission of the Department of Computer Science is to provide a high-quality education for its majors via classroom and laboratory experiences, enhanced by opportunities for scholarship, research and internships. Students will be prepared to excel in graduate studies and professional careers, to develop awareness of and the skills to adapt to ongoing technological advances in the discipline, and to conduct themselves ethically as professionals in the field of computing.

**Student Learning Goals**

- I. Develop strong competencies in computer science and its applications;
- II. Develop skills to continue lifelong learning in computing;

- III. Successfully compete for employment and/or to succeed in graduate school; and
- IV. Develop a strong awareness of the necessity or ethical behavior in the field.

## Student Learning Outcomes

Students who graduate with a B.S. in computer science will:

1. Have an awareness of technological advances occurring in the field of computer science;
2. Have an understanding and an appreciation for ethical behavior as it relates to information processing;
3. Have an understanding of the foundations of computer science;
4. Have an understanding of the principles of algorithm design and analysis;
5. Have an understanding of the principles of implementation and documentation of algorithms in a modern high level structured programming language;
6. Develop oral and written communication proficiency; and
7. Develop the ability to work cooperatively as members of a team on software development projects.

To achieve these educational goals, 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.

## INTERNSHIP EDUCATION

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

Computer Science students who have completed their first year may apply to participate in Internship Education by submitting a resume to the Chair of the Department of Computer Science. As in the marketplace, Internship Education positions are competitive. If the student's background matches the employer's needs, then the student is sent on a job interview with the prospective employer. When a student is selected, he or she registers for Computer Science 497. The Internship 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 130/130L, 140/140L or 150/150L to have their own personal notebook computers.

## COMPUTER SCIENCE MAJOR

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

### Theoretical Option

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (44-55) Credits*	
CSCI 130*/130L, 140/140L, 150/150L, 170, 210, 220.....	16-19
CSCI 203, 207, 208, or 209.....	3
BINF 101/101L.....	4
MATH 160*, 161, 174.....	7-11
MATH 210, 220, 242, 260, 320, 344, or CSCI 360.....	3-4
STAT 201/201L* .....	0-4
BIOL 122/122L, CHEM 112/112L, GEOL 112/112L, MSCI 112/112L, or	
PHYS 212/212L.....	4
COMM 140 or ENGL 390.....	3
ENGL 287* or 288* .....	0-3
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
IV. MAJOR REQUIREMENTS (30 Credits)	
CSCI 310, 330, 410, 425, 430, 450, 490 .....	21
CSCI 380, 390, or 460.....	3
CSCI 360, 440, 480, or 485.....	3
CSCI course numbered 300 or higher (except 399 or 497).....	3
V. ELECTIVES (0-9 Credits) .....	0-9
TOTAL CREDITS REQUIRED.....	120

### Information Systems Option

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (50-60 Credits)*	
CSCI 130*/130L, 140/140L, 150/150L, 170, 210, 220.....	16-19
CSCI 203, 207, 208, or 209.....	3

MATH 160*, 174, 210.....	6-10
BIOL 122/122L, CHEM 112/112L, GEOL 112/112L, MSCI 112/112L, or PHYS 212/212L .....	4
CBAD 201, 202, 291, 371 .....	12
CBAD 292, 293, or ECON 202.....	3
ECON 101 or 201 .....	3
ENGL 390 .....	3
ENGL 287* or 288* .....	0-3

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

IV. MAJOR REQUIREMENTS (30 Credits)	
CSCI 310, 330, 335, 370, 385, 409, 410, 425, 490 .....	27
CSCI course numbered 300 or higher (except 399 or 497).....	3
V. ELECTIVES (0-3 Credits) .....	0-3
TOTAL CREDITS REQUIRED.....	120

<b>COMPUTER SCIENCE MINOR</b>	<b>Credits</b>
Mathematics 174 .....	3
Computer Science 130/130L, 140/140L, 150/150L, 170, 210, 220, 310.....	22
Choose one course from Computer Science 203, 207, 208, 209.....	3
Choose one course from Computer Science 330 and above .....	3
TOTAL CREDITS REQUIRED.....	31

**Additional Requirement**

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

**MARINE SCIENCE MAJOR**

**Student Learning Outcomes**

Students who graduate with a B.S. in Marine Science should be able to:

1. Explain the principles, concepts, applications, and inter-relations of biology, chemistry, geology, physics, and mathematics, as they apply to the marine environment.
2. Use the principles of scientific inquiry to describe, analyze, and solve scientific problems involving marine science and related fields.
3. Exhibit proficiency in the use of technology, critical thinking, and quantitative skills used in marine science applications.
4. Successfully pursue entry-level jobs or enter graduate programs in various scientific fields.
5. Interact and communicate effectively with peers, mentors, and the larger community.

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 marine biology, coastal geology, marine chemistry, atmosphere/ocean dynamics, or marine analytical technology. 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 at various coastal habitats, including Waites Island, a barrier island, marsh and upland complex owned by the University. Marine science graduates are employed as marine and environmental researchers for government agencies, universities, and private industry; as marine and environmental educators; as high school and middle school science teachers; and in the fields of marine and environmental management and policy. Outstanding students are encouraged to pursue graduate study.

Students must earn a grade of **C** or better in all major and upper-level science courses. Students who have not earned a **C** or better in a Mathematics course within one year of enrollment at Coastal Carolina University are considered to be at risk for the Marine Science program.

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

**II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)**

Minimum grade of **C** is required.

University 110, The First-Year Experience .....3

UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.

**III. FOUNDATION COURSES (34-42 Credits)\***

Mathematics 160\*, 161 .....8

Statistics 201/201L\* .....4

Marine Science 111/111L\*, 112/112L .....8

Biology 121\*, 122\* .....6

(Students planning to take advanced biology courses are advised to take Biology 121L, as it is a prerequisite for upper-level courses.)

Chemistry 111/111L\*, 112/112L .....8

Physics 211/211L\*, 212/212L .....8

A "C" or better is required in all foundation courses except Biology 121 and Chemistry 111/111L.

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

**IV. MAJOR REQUIREMENTS (36 Credits)**

Marine Science 301/301L .....4

Marine Science 302/302L .....4

Marine Science 304/304L .....4

Marine Science 305 /305L .....4

Science courses from the following list, including at least 8 credits designated as Marine Science .....20

Biology 310, 315, 330, 340, 343, 350, 365, 370, 399, 410

426,436, 442, 450, 451, 455, 461, 475, 476, 477, 481,

484, 485, 488, 499 and associated labs;

Chemistry Courses numbered 300 and above;

Computer Science 140, 150, and courses numbered 310 and above;

Geography 201, 205;

- Geology Courses numbered 300 and above;
- Marine Science Courses numbered 300 and above;
- Mathematics Courses numbered 240 and above, except 397;
- Physics Courses numbered 300 and above;
- Statistics Courses numbered 300 and above.

A "C" or better is required for all Major Requirements. No more than 6 hours of independent study, internship, and/or directed under graduate research and/or senior thesis may be used for major credit.

**Recommended Areas of Study in Marine Science**

Students interested in graduate school and/or specific areas of interest in marine science are encouraged to pursue one of the following:

- Atmosphere/Ocean Dynamics
- Coastal Geology
- Marine Analytical Technology
- Marine Biology
- Marine/Environmental Chemistry

Recommended courses for these areas of emphasis can be found in the Marine Science Student Handbook or on the Department of Marine Science web pages. Students interested in graduate school are encouraged to investigate the specific admissions requirements for target graduate programs. Students will develop their academic plan in consultation with their Marine Science adviser.

V. COGNATE OR MINOR REQUIREMENTS (0 Credits) .....0  
 Students majoring in Marine Science are not required to complete a minor or cognate. However, they may elect to minor in any field in which Coastal Carolina offers a minor. If the minor includes courses which can be used for Marine Science major credit, then up to 12 hours of those courses may also be applied toward the Marine Science major's upper level science requirement of 36 hours. Students seeking minors must have an adviser selected from the department offering the minor in addition to their Marine Science adviser.

VI. ELECTIVES (1-16 Credits) .....1-16

TOTAL CREDITS REQUIRED.....120

**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 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**

<b>Prerequisites:</b> Marine Science 111/111L, 112/112L.....	8
Marine Science course at the 300-level or above.....	4
Marine Science 301/301L, 302/302L, 304/304L, or 305/305L.....	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.

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**APPLIED MATHEMATICS MAJOR**

**Student Learning Outcomes**

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.

A maximum of 67 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, 174, 242, 242L, and STAT 201, 201L.

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 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.

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (19-32 Credits)*	
MATH 160*, 161, STAT 201/201L* .....	12
MATH 242/242L .....	4
CSCI 130* or 140/140L .....	3-4
PHYS 211/211L*, 212/212L .....	8
One additional science course .....	3-4
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
IV. MAJOR REQUIREMENTS (35 Credits)	
MATH 220, 260, 320, 344, 450, 490 .....	17
MATH 446 or 454 .....	3
Two courses (MATH or STAT) numbered 300 or higher (except MATH 330) .....	6
Three courses (MATH or STAT) numbered 400 or higher .....	9

V. COGNATE REQUIREMENT (9 Credits).....	9
Mathematics majors will select an interdisciplinary cognate of upper level courses numbered 300 or above with the approval of their faculty adviser. A grade of <b>C</b> or above is required in each course to be applied toward the cognate. A minor will fulfill this requirement.	
VI. Electives (3-20 Credits).....	3-20
TOTAL CREDITS REQUIRED.....	120

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.

**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**

<b>Prerequisites:</b> MATH 160, 161.....	8
MATH 260 or MATH 320 (choose one).....	3-4
MATH 344 .....	3
Choose two electives*, at least one being 300 level or higher: MATH 220, MATH 242/242L, MATH 260, STAT 201/201L, or any MATH/STAT course 300 level or higher (excluding MATH 330).....	6-8
TOTAL CREDITS REQUIRED .....	20-23

\* At least one of MATH 260 and MATH 320 is required for the minor. The other course may count as an elective credit for the minor.

**STATISTICS MINOR** **Credits**

<b>Prerequisites:</b> 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
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 139 is a one semester course for students in the humanities.  
 Mathematics 130 or 130I, 143 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, 131, and 135 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**

#### **Student Learning Outcomes**

The educational goals and objectives of the Psychology program are as follows:

1. To offer the understanding that an individual must continually pursue knowledge and new insights in order to keep up with the ever advancing frontiers of knowledge in the discipline.
2. To help facilitate the acquisition of a base level of knowledge and competency that students will continue to build upon once they leave Coastal Carolina University.
3. To offer students the opportunity to obtain knowledge regarding the historical, cultural, and social perspectives of psychology as an academic discipline.
4. To assist students in improving oral and written communication skills.
5. To offer students the opportunity to develop research design, methodological, assessment, and statistical skills, and to participate in undergraduate research.

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. Graduates of the program often seek employment with mental health and social service agencies, or pursue graduate degrees to prepare for careers in teaching, research, counseling, and consulting. The Psychology Department offers both B.A. and B.S. degrees.

### **PSYCHOLOGY MAJOR: BA Degree**

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (14-28 Credits)*	
PSYC 101*, 202* .....	0 - 6
PSYC 225/225L* (or equivalent) .....	0 - 4
PSYC 226/226L .....	4
CSCI* (any computer science course) .....	0 - 3
Two laboratory science courses* (excluding BIOL 101/101L).....	4 - 8

One course in MATH\* (excluding MATH 139, 201, 202, 203).....0 - 3

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

IV. MAJOR REQUIREMENTS (29 Credits)	
PSYC 484 .....	3
PSYC 497/497L.....	4
One course from PSYC 400, 401, 407 .....	3
One course from PSYC 410, 440 .....	3
One course from PSYC 302, 420, 421, 423, 425 .....	3
One course from PSYC 415, 450, 460 .....	3
One course from PSYC 480/480L, 483/483L .....	4
Two elective courses chosen from PSYC courses not already selected .....	6
These courses may not include PSYC 399, 490, 495, 498, 499.	
V. COGNATE REQUIREMENTS (12 Credits) .....	12
Psychology majors will select an interdisciplinary cognate of upper level courses with the approval of their faculty adviser. A grade of <b>C</b> or above is required in each course to be applied toward the cognate. A minor will fulfill this requirement.	
VI. ELECTIVES (10-28 Credits) .....	10-28
TOTAL CREDITS REQUIRED.....	120

**PSYCHOLOGY MAJOR: BS Degree**

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (27-41 Credits)*	
PSYC 101*, 202* .....	0 - 6
PSYC 225/225L* (or equivalent).....	0 - 4
PSYC 226/226L.....	4
CSCI* (any computer science course) .....	0 - 3
Three laboratory science courses* (excluding BIOL 101/101L) .....	8-12
Twelve credit hours in mathematics/statistics courses* (can include PSYC 480/480L**, excludes PSYC 225/225L, MATH 139, 201, 202, 203).....	9-12

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

\*\*PSYC 480/480L may not be used for foundation AND major requirement.

IV. MAJOR REQUIREMENTS (29 Credits)

PSYC 484 .....	3
PSYC 497/497L.....	4
One course from 400, 401, 407 .....	3
One course from 410, 440 .....	3
One course from 302, 420, 421, 423, 42 .....	3
One course from 415, 450, 460 .....	3
One course from 480/480L, 483/483L .....	4
Two elective courses chosen from PSYC courses not already selected .....	6
These courses may not include PSYC 399, 490, 495, 498, 499.	
V. COGNATE REQUIREMENT (12 Credits).....	12
Psychology majors will select an interdisciplinary cognate of upper level courses with the approval of their faculty adviser. A grade of C or above is required in each course to be applied toward the cognate. A minor will fulfill this requirement.	
VI. ELECTIVES (0-15 Credits) .....	0-15
TOTAL CREDITS REQUIRED.....	120

**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
TOTAL CREDITS REQUIRED.....	22-24

**SOCIOLOGY MAJOR**

**Student Learning Outcomes**

The educational goals and objectives of the Sociology program are as follows:

1. To offer the understanding that an individual must continually pursue knowledge and new insights in order to keep up with the ever advancing frontiers of knowledge in the discipline.
2. To help facilitate the acquisition of a base level of knowledge and competency that students will continue to build upon once they leave Coastal Carolina University.
3. To offer students the opportunity to obtain knowledge regarding the historical, cultural, and social perspectives of sociology as an academic discipline.
4. To assist students in improving oral and written communication skills.
5. To offer students the opportunity to acquire core sociological research methods including basic demographic, quantitative, and qualitative research skills.
6. To offer students the opportunity to define and understand core sociological concepts and apply them to social problems and topical areas.
7. To offer students the opportunity to acquire information concerning occupational opportunities for those with sociological skills.

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

I. CORE CURRICULUM (34-41) .....	34-41
II. FRESHMAN GRADUATION REQUIREMENT (0-3 Credits)	
Minimum grade of <b>C</b> is required.	
University 110, The First-Year Experience .....	3
UNIV 110 is required for all new entering freshmen and for new transfer students with fewer than 12 transfer credit hours unless the transfer student has satisfactorily completed a college transition course.	
III. FOUNDATION COURSES (15-25 Credits)*	
SOC 101*, 102, 201* .....	3-9
PSYC 225/225L* (or equivalent) .....	0-4
CSCI* (any computer science course) .....	0-3
One course in MATH *, excluding MATH 139, 201, 202, 203 .....	0-3
Two additional humanities courses (in addition to Core courses) from English, Music 110, Art History 105 or 106, Theater 140, Foreign Languages, Philosophy, Religion, Anthropology, and Journalism.....	6
*Credits for courses taken as part of the Core Curriculum are not counted elsewhere in the major.	
IV. MAJOR REQUIREMENTS (25-26 Credits)*	
SOC 309, 310, 320 (Choose two).....	6-7
SOC 330, 331/331L.....	7
SOC 300-level and above.....	12
* Sociology 499 is recommended. Transfer students with Associate Degrees in Criminal Justice may be permitted to use selected criminal justice courses to fulfill degree requirements.	
VI. COGNATE REQUIREMENT (12 Credits).....	12
Sociology majors will select an interdisciplinary cognate of upper level courses with the approval of their faculty adviser. A grade of <b>C</b> or above is required in each course to be applied toward the cognate. A minor will fulfill this requirement.	
VII. ELECTIVES (16-31 Credits) .....	16-31
TOTAL CREDITS REQUIRED.....	120

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, 330 .....	3-4
Sociology 320, 331, 331L.....	7
Choose three courses at the 300-level or above .....	9
<b>TOTAL CREDITS REQUIRED</b> .....	<u>22-23</u>

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.

<b>COURSES (22 Credits)</b>	<b>Credits</b>
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
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## **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:

<b>Coastal Carolina University Major</b>	<b>Clemson University Engineering Major</b>
Biology	Biosystems Engineering, (Biotechnology Emphasis Area)
Chemistry	Chemical Engineering Ceramic and Materials Engineering
Computer Science	Civil Engineering or Computer Engineering
Mathematics / Statistics	Electrical Engineering or Industrial Engineering
Physics	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

TOTAL CREDITS REQUIRED

49-50

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

<b>Minor Requirements</b> .....	<b>Credits</b>
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.