



Coastal Carolina University

College of Science

Orientation 2011



College of Science

Degree programs & curricular structure

“Core” courses (general education)

Major courses

Free electives

Total of 120 credits for graduation



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Core curriculum – general education:

~34-38 credits

Distribution requirements:

English,

Math,

History,

Philosophy,

Languages,

etc...



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Major – focused course of study:

Two parts:

Foundation requirements (30-60 credits)

basic math and sciences courses needed for
fundamental understanding

Major requirements (30-40 credits)

science courses needed for breadth and depth
in the discipline



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Free electives – flexibility in learning:

Allows students to explore other areas of study

Minors

Double majors



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The High School to University transition:

High School – dependent learner

University – independent learner

Our mutual goal: you become a life-long learner



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The High School to University transition:

Our mutual goal: you become a life-long learner

Why is this important?

"The challenges of the 21st century REQUIRE focused and intense intellectual effort toward identifying solutions; solutions that we can not even imagine today"



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The High School to University transition:

Help with the transition process:

This orientation:

concrete information about the University and
its programs

Advising

First year advising

Major (college based) advising

First Year Experience (FYE)

Ms. Kelli Moses-Dolfi





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Degree programs

Biology (Bachelor of Science):

Cellular, Molecular & Genetics
Integrative Biology
Ecology, Evolution & Conservation

* → **Pre health science advising:**

Medicine & Dentistry
Pharmacy
Veterinary Medicine
Physician's Assistant
Nursing

Minor in Biology



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Degree programs

Chemistry/Physics (Bachelor of Science):

Chemistry

Classical

Environmental

* → **Biochemistry**

Physics (Applied)

Minors in: Chemistry and Physics



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Degree programs

Computer Science (Bachelor of Science):

Computer Science - Theoretical Option

Accredited by: Accreditation Board for
Engineering and Technology (ABET)

* → **Information Systems**

Minor in Computer Science



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Degree programs

Health Promotion (Bachelor of Science)

Cognate Option

Communication

Fitness

Accredited by SABPAC

minor in Health Promotion



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Degree programs

Kinesiology, Recreation, and Sport Studies

Exercise and Sport Science (Bachelor of Science)

Applied Fitness

Allied Health and Medical

Recreation and Sport Management (Bachelor of Science)

Sport Track

Recreation Track



College of Science

Degree programs

Kinesiology, Recreation, and Sport Studies

Minors in: Fitness
 Sport Studies

Full-semester Capstone Internships

Physically Active Living Skills Courses

ROTC Curriculum



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Degree programs

Marine Science (Bachelor of Science):

Marine Biology
Marine Analytic Technology
Marine Chemistry
Atmospheric/Ocean Dynamics
Coastal Geology

Minors in: Marine Science
 Environmental Science
 Coastal Geology



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Degree programs

Mathematics/Statistics (Bachelor of Science):

Applied Mathematics

Minors in: Applied Mathematics
 Statistics
 Actuarial Science



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Degree programs

Psychology/Sociology (Bachelor of Science/Arts):

Psychology – B.S. & B.A.

Sociology – B.A.

* → **track in Criminology**

Minors in: Psychology
 Sociology

Certificate in Gerontology



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Dual degree programs

Engineering 3+2 with Clemson University

Biology	→	Biosystems Engineering
Chemistry	→	Chemical Engineering Ceramics & Materials
Computer Science or Mathematics or Physics	→	Civil Engineering Computer Engineering Electrical Engineering Industrial Engineering Mechanical Engineering



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Degree completion programs

RN to BSN

For: Licensed Nurses with a two-year degree

Courses scheduled to meet the needs of working nurses



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Where do I get help?

Administrative structure and academic oversight:

University → Provost

College → Dean

Department → Chair

Course → Faculty



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Where do I get help?

What text book do I need?

When are the hour exams?

I don't understand this concept

Course issues → speak to faculty



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Where do I get help?

I have AP credit

What sophomore level course should I take?

What electives will supplement my major?

Curricular issue in Major



→ speak to Chair



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Where do I get help?

I hate my major – can I switch?

What major will prepare me for X?

I need to waive an academic requirement

Broad College issue → speak to Dean/Asst Dean



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Where do I get help?

Other issues:

I am failing Math → Department & tutoring center

My parents annoy me → Counseling Center

I hate my roommate → Dean of Students

If in doubt on where to go → Departmental or Dean's office
(and **advisor**)



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Strategy for success:

1) Specific:

2) Philosophical:



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Strategy for success:

1) Specific: Math Skills & Math Course success

Math Review Group 1 at www.mymathtest.com

Program ID: XL0●-21GH-901Z-80W2 (● = letter)

Instructional Guide at: <http://screencast.com/t/4ipfLp14eRku>

2) Philosophical:



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Strategy for success:

1) Specific:

2) Philosophical: The University as an “Intellectual Health Club”:

You define your “fitness goal”

(education, maturity, employment)

We provide the “equipment”

(library, classrooms, labs, curricular programs)

We provide the “personal trainers”

(Faculty)

We provide the “training plan”

(curriculum and course schedule)



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Strategy for success:

Keep in Mind:

Your success in “personal training” depends upon YOUR effort (legitimate & honest)

The achievement of your “Intellectual Fitness Goals” are determined by how YOU utilize the resources

Define your goals; focus on your goals; reach your goals



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You CAN succeed

We WANT you to succeed

We will HELP you to succeed

(Your State and Nation NEED you to succeed)

Welcome to Coastal Carolina University!



Coastal Carolina University

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