

MARINE SCIENCE, B.S.

The Bachelor of Science in marine science provides students with a comprehensive understanding of the oceans and how the chemical and physical dynamics interact with the geology and biology of marine environments. The degree provides for upper-level specialization depending on the student's interests and emphasizes real-world applications incorporating a diverse skill set such as statistics, communications and policy. A required field and laboratory experience course provides students with the unique opportunity to conduct research at the Baruch Marine Field Lab in Georgetown, SC.

The diverse approach to marine science provides the background and skills for students to enter a variety of related career opportunities. Graduates can continue to pursue marine science through graduate or professional school or find careers in government, industry and non-profit entities.

Learning Outcomes

1. Students will demonstrate that they understand the scientific process by testing hypotheses related to Marine Science in an inquiry based, hands on setting.
2. Students will demonstrate critical thinking skills using the scientific method.
3. Students will demonstrate the ability to conduct independent research.
4. Students will demonstrate effective oral communication of Marine Science topics by giving an oral presentation.
5. Students will communicate and summarize their research findings effectively in writing (such as on a poster or in an abstract) on Marine Science topics.

Progression Requirement

Marine Science majors may enroll in the following courses a maximum of twice to earn the required grade of C or higher: MATH through MATH 142, CHEM 111, CHEM 111L, CHEM 112, CHEM 112L, PHYS 201/PHYS 201L or PHYS 211/PHYS 211L, PHYS 202/PHYS 202L or PHYS 212/PHYS 212L. For the purposes of this standard of progression, withdrawal with a W does not constitute enrollment. These courses must be completed before the beginning of the student's third academic year (fifth major semester) as a marine science major.

Transfer Requirement

Any student applying for transfer to the marine science major from other programs within the University, or from other accredited colleges and universities, is required to have a minimum overall grade point average of 2.50 on a 4.00 scale.