

MARINE SCIENCE, MINOR

To access Minor Requirements, please view the Curriculum Guide tab.

PROGRAM LEARNING OUTCOMES

- Competence in Laboratory and Research Skills: To conduct, assess, and communicate research investigations using established scientific practices. (SRU UG 1, 2, 3, 4, 5, 7, 10)
- Core Concepts for Biological Literacy: (SRU UG 1, 2, 3, 4, 5, 7, 9)
 - Knowledge/Content
 - Evolution
 - Structure and function across all levels of biological organization
 - Diversity and interactions of life
 - Information flow, exchange and storage in biological systems
 - Critical Thinking/Problem Solving
 - Connect information from cognate science courses and liberal arts courses to biological concepts
 - Apply scientific information to current and future societal problems
- Participation in Diverse, Enriching Scientific Activities: Apply technical and professional skills in hands-on laboratory, clinical or field experiences. (SRU UG 1, 2, 3, 4, 5, 7, 8, 9)
- Professional Attitude: Graduates demonstrate professional attitude, behavior, and ability to interact with people from diverse backgrounds and cultures. (SRU UG 1, 5, 7, 8, 9)

RELATED LINKS

Marine Science, Minor Program Page (<https://www.sru.edu/academics/majors-and-minors/marine-science-minor/>)

Professional Licensure/Certification Page (<https://www.sru.edu/students/student-consumer-information/professional-licensures/>)

CURRICULUM GUIDE

GPA REQUIREMENT

Minor GPA: 2.0 or higher

MINOR REQUIREMENTS

- Students must complete at least 6 credit hours in their minor from SRU
- A minimum of 6 credit hours must be upper division (an upper division course includes any 3 credit course that requires a pre-requisite)
- A minor shall be no fewer than 18 credits.

CHEM 112	General Chemistry II Lab	1
EGEO 131	Oceanography	3
Marine Science Electives		
Choose three MARS courses (2 must be at the 300/400 level)		9
Total Hours		24

* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

MINOR IN MARINE SCIENCE (34D)

This program is effective as of Summer 2024

Revised 03.15.2024

UCC 02.13.2024

Code	Title	Hours
Required Courses		
BIOL 113	Biology I: Foundations of Ecology, Evolution and Diversity with Lab	4
or BIOL 114	Biology II: Foundations of Molecules, Genes and Cells with Lab	
CHEM 107	General Chemistry I	3
CHEM 111	General Chemistry I Lab	1
CHEM 108	General Chemistry II	3