



[AS-MSC; CIP Code 26.1302]

Associate in Science (A.S.) – Transfer

The A.S. in Marine Science will provide students with the foundational study of physical, biological and chemical sciences as well as an understanding of the marine environment and its interactions with the earth, the biosphere and the atmosphere. A major in Marine Science provides students with a broad curriculum in the sciences as well as an understanding of marine life and their adaptations.

Program Learning Outcomes

Students who have completed the program will be able to:

- Apply scientific foundation to support upper-level study in marine science as well as related disciplines
- Define marine ecosystems and the diversity of marine organisms
- Integrate learned material with current research to formulate ideas concerning a sustainable future

Program Notes

Students should contact their advisor to clarify four-year degree transfer requirements and refer to the College catalog for course prerequisites.

¹ Students should check with transfer school marine science program to determine elective.

Program Contact

Dr. Jessica DeGraff, Associate Professor, Biology
jdegraff@rcsj.edu

Are you ready to get
started at RCSJ?
Visit [RCSJ.edu/Enroll](https://www.rcsj.edu/Enroll)
and complete the
interest form.

Marine Science, A.S.

FIRST YEAR – Fall Semester

<input type="checkbox"/> ENG 101 English Composition I	3
<input type="checkbox"/> CHM 111 General Chemistry I	4
<input type="checkbox"/> BIO 101 General Biology I	4
<input type="checkbox"/> BIO 112 Introduction to Marine Biology	4
	<hr/> 15

Spring Semester

<input type="checkbox"/> ENG 102 English Composition I	3
<input type="checkbox"/> CHM 112 General Chemistry II	4
<input type="checkbox"/> BIO 102 General Biology II	4
<input type="checkbox"/> PHI 104 Ethics	3
<input type="checkbox"/> HPE ___ Health and Physical Education elective	2-3
	<hr/> 16-17

SECOND YEAR – Fall Semester

<input type="checkbox"/> BIO 212 Wetlands Field Ecology	4
<input type="checkbox"/> PHY 103 General Physics I	4
<input type="checkbox"/> MAT 103 Statistics or MAT 107 Pre-calculus and Math Analysis	3-4
<input type="checkbox"/> ___ ___ Social Science elective	3
	<hr/> 14-15

Spring Semester

<input type="checkbox"/> PHY 104 General Physics II	4
<input type="checkbox"/> MAT 108 Calculus I	4
<input type="checkbox"/> BIO 2__ 200-level BIO elective ¹ or CHM 201 Organic Chemistry I ¹	4
<input type="checkbox"/> ___ ___ Social Science elective or ___ ___ Humanities elective	3
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TOTAL MINIMUM CREDITS: 60