

Marine Science - Marine Biology Concentration BS Four-Year Plan

FALL	SPRING
First Year	
CHEM 103 - General Chemistry and CHEM 133 - General Chemistry Laboratory	CHEM 104 - General Chemistry and CHEM 134 - General Chemistry Laboratory
MAST 100 - Marine Science Colloquium I** (FYS)	ENGL 110 – First-Year Writing
MATH 115 - Pre-Calculus (if placed, not required)	MAST 101 – Marine Science Colloquium II***
Breadth Requirement (1/6)	MATH 241 - Analytic Geometry and Calculus A
Breadth Requirement (2/6) (Multicultural Requirement)	PHYS 201 - Introductory Physics I and PHYS 221 - Introductory Physics Laboratory I
Credits: 16	Credits: 16
Second Year	
BISC 207 - Introductory Biology I	BISC 208 - Introductory Biology II
CHEM 213 - Elementary Organic Chemistry	CHEM 214 - Elementary Biochemistry
CHEM 215 - Elementary Organic Chemistry Laboratory	CHEM 216 - Elementary Biochemistry Laboratory
MAST 316 - Marine Ecology	MAST 382 - Introduction to Ocean Sciences
MATH 242 - Analytic Geometry and Calculus B	Foreign Language Requirement (1/3)
Credits: 15	Credits: 15

Third Year	
MAST 402 - Physical Oceanography**	MAST 301 - Junior Marine Science Seminar***
MAST 427 - Marine Biology**	MAST 406 - Technical Writing for the Marine Sciences*** (Second Writing Requirement)
MAST 400-level Elective* (1/3) (DLE)	MAST 400-level Elective* (2/3)
Foreign Language Requirement (2/3)	Foreign Language Requirement (3/3)
Breadth Requirement (3/6)	Breadth Requirement (4/6)
Credits: 16	Credits: 14
Fourth Year	
MAST451 – Marine Invertebrate Biology**	MAST 492 – Capstone in Marine Science & Policy
MAST 348 – Introduction to Statistics in Marine Sciences	MAST 400-level Elective* (3/3)/Research or Field Experience
Breadth Requirement (5/6)	Breadth Requirement (6/6)
Free Elective (1/4)	Free Elective (3/4)
Free Elective (2/4)	Free Elective (4/4)
Credits: 17	Credits: 16
Total Credits: 124	

*See program page for approved courses.

**Required major course that is only offered in Fall

***Required major course that is only offered in Spring

Disclaimer: Four-Year Plans are a Departmental suggestion of how a student could complete this degree in four years (eight semesters). Students may opt to take courses in the summer or winter sessions. These plans do not take into account additional

requirements brought on by minors or other majors. A Four-Year Plan is subject to change from year-to-year given the resources and focuses of the Department. It is the student's responsibility to meet with their assigned advisor at least once a semester to monitor progress and ensure that they are on track to graduate on time. This document is intended as a supplemental advisement tool to be used in conjunction with in-person advisement and the Degree Audit. Students should direct any questions or concerns regarding degree progress to their advisor or Academic Assistant Dean.