

Advising Course Plan - Aquatic and Marine Biology Major

This plan indicates an effective way to earn a Bachelor of Science degree in Aquatic and Marine Biology. This basic plan would be altered depending upon your post-graduate plans (mainly by adding specific courses in place of 'Electives'). Please see other advising plans that consider specific graduate plans.

First Year		
Fall		Units
BIOL 141P	Introductory Biology I: Biochemistry, Cell Biology and Molecular Genetics	1
FSEM 100	First Year Seminar	1
MATH 151 ¹	Mathematics for Life Sciences	1
General Education requirement		1
BIOL 100	Current Perspectives Biology	0.0
Term Units		4
Spring		
BIOL 142P	Introductory Biology II: Animal and Plant Physiology	1
General Education requirement		1
General Education requirement		1
General Education requirement		1
Term Units		4
Second Year		
Fall		Units
BIOL 243Q	Biostatistics	1
CHEM 141P	General Chemistry I	1
General Education requirement		1
Elective		1
Term Units		4
Spring		
BIOL 244	Introductory Biology III: Ecology and Evolution	1
CHEM 142P	General Chemistry II	1
General Education requirement		1
Elective		1
Term Units		4
Third Year		
Fall		Units
BIOL 300 or 400 level course ²		1
Junior Seminar ³		1
BIOL 397	Internship in Biology	0.5 to 1
Elective		1
Term Units		3.5 to 4
Spring		
BIOL 300 or 400 level course ²		1
BIOL 497	Research Proposal	0.5
Elective		1
Elective		1
Elective ⁴		1
Term Units		4.5
Fourth Year		
Fall		Units
BIOL 300 or 400 level course ²		1
BIOL 498	Senior Project I	1
Elective		1

Elective		1
Term Units		4
Spring		
BIOL 300 or 400 level course ²		1
BIOL 499	Senior Project II	1
Elective		1
Elective		1
Term Units		4
Total Unit: 32 to 32.5		

- ¹ The timing of the Math course is not critical; it can be taken at a later time. Some students may place into, and wish to take, MATH 130 or MATH 141Q.
- ² 4 upper division Biology courses must be taken during years 3 and 4. Three of those must be BIOL 306, BIOL 312, BIOL 313, BIOL 317, or BIOL 333.
- ³ The Junior Seminar can be taken in the spring instead of the fall.
- ⁴ During the spring of the third year or fourth year, you will need to take another 0.5 or 1 unit course to average 4 units per semester.