

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

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

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> The Junior Seminar can be taken in the spring instead of the fall.
- <sup>4</sup> 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.