

# Marine Biology Major with Chemistry Minor

## Major Core Requirements

BI 111 (4) Principles of Biology \_\_\_\_\_  
 BI 112 (4) Principles of Biology \_\_\_\_\_  
 BI 200W (1) Biological Literature \_\_\_\_\_  
 BI 305 (4) Cell Biology \_\_\_\_\_  
 BI 306 (4) Genetics \_\_\_\_\_  
 BI 307 (4) Microbiology \_\_\_\_\_  
 BI 498 (1) Senior Assessment Seminar \_\_\_\_\_

### Organismal Biology (Protists, Fungi, Plants):

BI 429 (4) Marine Botany (at DISL) \_\_\_\_\_

### Organismal Biology (Protists, Animals):

BI 403 (4) Marine Invertebrate Zoology (at DISL) \_\_\_\_\_  
 BI 408 (4) Marine Vertebrate Zoology (at DISL) \_\_\_\_\_

### Population Biology

BI 312 (3) Evolution \_\_\_\_\_

One course selected from the following:

BI 411 (4) Coastal Wetlands (at DISL) \_\_\_\_\_  
 BI 412 (4) Marine Ecology (at DISL) \_\_\_\_\_  
 BI 413 (4) Marine Behavioral Ecology (at DISL) \_\_\_\_\_

CH 341 (3) Applied Physical Chemistry

CH 441 (3) Biochemistry

## Required Supporting Courses

OS 125 (3) Business Software Applications or  
 CS 135 (3) Computer Skills for Problem Solving \_\_\_\_\_

MA 345 (3) Applied Statistics I or  
 BI 333 (3) Biostatistics \_\_\_\_\_

Select one or more from the following, if required

MA 112 (3) College Algebra \_\_\_\_\_  
 MA 113 (3) College Trigonometry \_\_\_\_\_  
 MA 115 (4) Precalculus Algebra & Trigonometry \_\_\_\_\_

Select the following sequence or course:

MA 121 (3) Calculus for Business and Life Sciences I  
 & MA 122 (3) Calculus for Business and Life  
 Sciences II \_\_\_\_\_  
 MA 125 (4) Calculus I \_\_\_\_\_

Select one of the following: (m)-3.9 (n)-9.1 (o)-7.1 (r)-4.4 (c)-2.