

**REQUIRED CLASSES FOR THE UNIVERSITY OF ALABAMA DOUBLE MAJOR
IN BIOLOGY/MARINE SCIENCE**

BIOLOGY REQUIREMENTS

#BSC 114: BSC 115- Principles of Biology I (4)
#BSC 116: BSC 117- Principles of Biology II (4)
BSC 300- Cell Biology (3)
BSC 315- Genetics (3)
BSC 385- Ecology and Evolution (3)
+ 19 hours of electives above the 300 level

***MARINE SCIENCE REQUIREMENTS**

MS 304- Marine Geology (4)
MS 306- Marine Biology (4)
MS 448- Intro. to Oceanography (4)
MS elective- at least 4 credit hours
ST 260 or BSC 380- Statistics (3)
GEO 101: GEO 102 (or GEO 105)-
Dynamic Earth and Earth Thru Time (or
Sustainable Earth) (4 each)

#Honors sections of these courses will also fulfill the requirement

*4 hours of required Marine Science coursework can be applied to the 19 hours of Biology electives, bringing the total of BSC elective hours for double majors to 15 hours

*any additional elective Marine Science courses taken above the 16 hours required for the Marine Science degree will count towards the required Biology elective hours

Also required:

#CH 101 and #CH 102- General Chemistry I and II

CH 231, CH 232, and CH 237- Organic Chemistry I and II and Organic Chemistry Lab

PH 101 and PH 102 (or PH 105: PH 106 Calculus based)- Physics

MATH 125- Calculus I (required for all biology majors)

**All other requirements are those mandated by the university within the core curriculum in order to receive a liberal arts degree. All the classes listed above with the exception of the MS courses can be taken on main campus (or transferred from other universities).