

**Biology – Marine Biology Option (BS)**

Suggested Plan of Study

2020-2021 Catalog

Fall - Semester 1		Spring - Semester 2	
ENGL 1113 Composition I	3	ENGL 1123 Composition II	3
MATH 1023 College Algebra	3	MATH 1033 Plane Trigonometry	3
BIOL 1203/1201 Principles of Biology I/Lab	4	BIOL 1213/1211 Principles of Biology II/Lab	4
CHEM 1023/1021 University Chemistry I/Lab	4	CHEM 1123/1121 University Chemistry II/Lab	4
GSTD 1002 Freshman Seminar	2	BIOL 1051 Issues in Conservation Biology	1
<b>Total Semester Hours</b>	<b>16</b>	<b>Total Semester Hours</b>	<b>15</b>
Fall - Semester 3		Spring - Semester 4	
BIOL 3183/3181 Botany/Lab	4	BIOL 3443 Global Environmental Change	3
BIOL 3033/3031 Genetics/Lab	4	BIOL 3763 Evolutionary Biology	3
MATH 3043 Introduction to Probability and Statistics I	3	MATH 1545 Calculus I	5
BIOL 3503 Marine Biology	3	World Literature I/II (ENGL 2213 or ENGL 2223)	3
<b>Total Semester Hours</b>	<b>14</b>	<b>Total Semester Hours</b>	<b>14</b>
Fall - Semester 5		Spring - Semester 6	
CHEM 3003/3001 Organic Chemistry I/Lab	4	BIOL 3023/3021 Microbiology/Lab	4
PHYS 2003/2001 College Physics I/Lab or PHYS 2203/2201 University Physics I/Lab	4	PHYS 2103/2101 College Physics II/Lab or PHYS 2303/2301 University Physics II/Lab	4
BIOL 4013/4011 Ecology/Lab	4	BIOL 3843 Oceanography	3
Fine Arts/Humanities (ART 1103 or ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2003 or MUS 2013, PHIL 2403, THEA 2003, or Foreign Language)	3	Fine Arts/Humanities (ART 1103 or ART 2013, HUM 2003, ENGL 2213, ENGL 2223, MUS 2003 or MUS 2013, PHIL 2403, or THEA 2003)	3
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>14</b>
Fall - Semester 7		Spring - Semester 8	
Free Elective	3	BIOL 4101 Biology Colloquium	1
*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National	3	*HIST 1003 or 1013 World History I or II OR HIST 2013 or 2023 U.S. History I or II or PSCI 2003 American Government: National	3
Social Science choice (ECON 2103, FIN 2003, GEOG 2003, PSCI 2003, PSYC 2003, SOC 1003 or SOC 2003)	3	Marine Science Electives	8
BIOL 3703/3701 Vertebrate Physiology/Lab	4	Free Elective	3
Marine Science Elective	4		
<b>Total Semester Hours</b>	<b>17</b>	<b>Total Semester Hours</b>	<b>15</b>

Total hours required for Major with Marine Biology Option – 120

\*Note: Must have six hours of history/government. Three hours must be World History I or II. Three hours must be U.S. History I, U.S. History II or American Government: National.