

# Bachelor of Science

# Ocean and Earth Science

# with a Major in Marine

# Science Technology (BS)

## Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

Course	Title	Credit Hours
<b>Freshman</b>		
<b>Fall</b>		
ENGL 110C	English Composition (C or better required)	3
OEAS 111N or OEAS 112N	Physical Geology or Historical Geology	4
BIOL 121N and BIOL 122N		4
Literature		3
Elective or Language & Culture I (May be waived; See requirement details)		3
<b>Credit Hours</b>		<b>17</b>
<b>Spring</b>		
BIOL 123N and BIOL 124N		4
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research (C or better required) or Writing, Rhetoric, and Research: Special Topics	3
MATH 211 or MATH 205	Calculus I or Calculus for Life Sciences	3-4
Elective or Language & Culture II (May be waived; See requirement details)		3
<b>Credit Hours</b>		<b>13-14</b>
<b>Sophomore</b>		
<b>Fall</b>		
CHEM 121N and CHEM 122N		4
BIOL 291 or OEAS 320	Ecology or Sedimentology and Stratigraphy	3
PHYS 111N or PHYS 231N	Introductory General Physics or University Physics I	4
OEAS 130G (Meets Information Literacy and Research)		3
Interpreting the Past		3
<b>Credit Hours</b>		<b>17</b>
<b>Spring</b>		
CHEM 123N AND CHEM 124N		4
PHYS 112N or PHYS 232N	Introductory General Physics or University Physics II	4
OEAS 220T	Introduction to Meteorology (Meets Impact of Technology)	3
Philosophy and Ethics		3
<b>Credit Hours</b>		<b>14</b>

<b>Junior</b>		
<b>Fall</b>		
OEAS 306	Oceanography	3
OEAS 307	Research Experience in Oceanography	3
Human Behavior		3
Upper-Division OEAS Elective		3
Elective		3
<b>Credit Hours</b>		<b>15</b>
<b>Spring</b>		
OEAS 310	Global Earth Systems	4
OEAS 406	Matlab	1
STAT 310	Introductory Data Analysis	3
Upper-Division OEAS Elective		3
Human Creativity		3
<b>Credit Hours</b>		<b>14</b>
<b>Senior</b>		
<b>Fall</b>		
Upper-Division OEAS Elective		3
GEOG 402	Geographic Information Systems	3
Upper-Division General Education Course (Option D)		3
Upper-Division OEAS Elective		3
Elective		3
<b>Credit Hours</b>		<b>15</b>
<b>Spring</b>		
OEAS 416	Electronics and Oceanographic Instrumentation	3
Upper-Division OEAS Elective		3
Upper-Division General Education Course (Option D)		3
OEAS 444	Communicating Ocean Science to Informal Audiences	3
Elective		3
<b>Credit Hours</b>		<b>15</b>
<b>Total Credit Hours</b>		<b>120-121</b>