

Bachelor of Science

Ocean and Earth Science

with a Major in Geology

(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
Freshman		
Fall		
ENGL 110C	English Composition (C or better required)	3
OEAS 111N	Physical Geology	4
MATH 211	Calculus I	4
BIOL 121N and BIOL 122N		4
Credit Hours		15
Spring		
OEAS 112N	Historical Geology	4
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research (C or better required) or Writing, Rhetoric, and Research: Special Topics	3
MATH 212	Calculus II	4
BIOL 123N and BIOL 124N		4
Credit Hours		15
Sophomore		
Fall		
CHEM 121N and CHEM 122N		4
OEAS 320	Sedimentology and Stratigraphy	4
OEAS 130G	Research Skills and Information Literacy for the Natural Sciences (Meets Information Literacy and Research)	3
Literature		3
Elective or Language and Culture I (may be waived; see requirements for details)		3
Credit Hours		17
Spring		
CHEM 123N AND CHEM 124N		4
OEAS 300/400-level elective		3-4
Impact of Technology		3
Interpreting the Past		3
Elective or Language and Culture II (may be waived; see requirements for details)		3
Credit Hours		16-17

Junior		
Fall		
PHYS 231N	University Physics I	4
OEAS 315	Minerals and Rocks	4
OEAS 306	Oceanography	3
OEAS 307	Research Experience in Oceanography	3
Credit Hours		14
Spring		
PHYS 232N	University Physics II	4
OEAS 310	Global Earth Systems	4
OEAS 344W	Geomorphology	3
OEAS 406	Matlab	1
STAT 310	Introductory Data Analysis	3
Credit Hours		15
Senior		
Fall		
OEAS 420	Hydrogeology	3
Human Creativity		3
Upper-Division General Education Course (Option D)		3
Electives		4
Oral Communication		3
Credit Hours		16
Spring		
OEAS 300/400-level elective		3
Philosophy and Ethics		3
Upper-Division General Education Course (Option D)		3
Human Behavior		3
Credit Hours		12
Total Credit Hours		120-121