

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	3
OEAS 111N	Physical Geology	4
MATH 211	Calculus I	4
BIOL 121N and BIOL 122N		4
Elective or Language and Culture I (may be waived; see requirements for details)		3
Credit Hours		18
Spring		
OEAS 112N	Historical Geology	4
ENGL 211C or ENGL 231C	Writing, Rhetoric, and Research or Writing, Rhetoric, and Research: Special Topics	3
MATH 212	Calculus II	4
Elective or Language and Culture II (may be waived; see requirements for details)		3
BIOL 123N and BIOL 124N		4
Credit Hours		18
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
Credit Hours		14
Spring		
CHEM 123N AND CHEM 124N		4
OEAS 300/400-level elective		3-4
Impact of Technology		3
Interpreting the Past		3
Credit Hours		13-14
Junior		
Fall		
PHYS 231N	University Physics I	4

OEAS 315	Minerals and Rocks	4
OEAS 306	Oceanography	3
Human Behavior		3
Credit Hours		14
Spring		
PHYS 232N	University Physics II	4
OEAS 307	Oceanography Laboratory	1
OEAS 310	Global Earth Systems	4
OEAS 344W	Geomorphology	3
OEAS 406	Matlab	1
STAT 310	Introductory Data Analysis	3
Credit Hours		16
Senior		
Fall		
OEAS 420	Hydrogeology	3
OEAS 441	Ocean and Earth Sciences Field Study I (Meets Oral Communication)	3
Human Creativity		3
Upper-Division General Education Course (Option D)		3
Credit Hours		12
Spring		
OEAS 442W	Ocean and Earth Sciences Field Study II	3
OEAS 400-level elective		3-4
Philosophy and Ethics		3
Upper-Division General Education Course (Option D)		3
Elective (if needed)		3
Credit Hours		15-16
Total Credit Hours		120-122