

Bachelor of Science Ocean and Earth Science with a Major in Oceanography (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 |
| BIOL 121N and BIOL 122N | | 4 |
| OEAS 111N or OEAS 112N | Physical Geology or Historical Geology | 4 |
| Literature | | 3 |
| Elective or Language & Culture I (if required) | | 3 |
| Credit Hours | | 17 |
| Spring | | |
| 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 | Calculus I | 4 |
| Elective or Language & Culture II (if required) | | 3 |
| Credit Hours | | 14 |
| Sophomore | | |
| Fall | | |
| CHEM 121N and CHEM 122N | | 4 |
| PHYS 231N | University Physics I | 4 |
| MATH 212 | Calculus II | 4 |
| OEAS 130G (Meets Information Literacy and Research) | | 3 |
| Credit Hours | | 15 |
| Spring | | |
| CHEM 123N and CHEM 124N | | 4 |
| PHYS 232N | University Physics II | 4 |
| OEAS 220T | Introduction to Meteorology (Meets Impact of Technology) | 3 |
| STAT 310 | Introductory Data Analysis | 3 |
| Credit Hours | | 14 |
| Junior | | |
| Fall | | |
| Human Creativity | | 3 |
| Philosophy & Ethics | | 3 |
| OEAS 306 | Oceanography | 3 |

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| OEAS 307 | Research Experience in Oceanography | 3 |
| Oral Communication (https://catalog.odu.edu/undergraduate/requirements-undergraduate-degrees/#oral) | | 3 |
| Credit Hours | | 15 |
| Spring | | |
| OEAS 310 | Global Earth Systems | 4 |
| OEAS 451W | Data Collection and Analysis in Oceanography (C or better required to meet University Writing Intensive requirement) | 4 |
| OEAS 406 | Matlab | 1 |
| Interpreting the Past | | 3 |
| OEAS 300-/400-level Elective | | 3 |
| Credit Hours | | 15 |
| Senior | | |
| Fall | | |
| OEAS 440 or OEAS 405 | Biological Oceanography or Physical Oceanography | 3-4 |
| OEAS 300-/400-level Elective | | 3 |
| Non-OEAS science elective | | 3 |
| Non-OEAS science elective | | 3 |
| Upper-Division General Education Course (Option D) | | 3 |
| Credit Hours | | 15-16 |
| Spring | | |
| OEAS 300-/400-level Elective | | 3 |
| OEAS 425 or OEAS 410 | Marine Geology or Chemical Oceanography | 3 |
| Upper-Division General Education Course (Option D) | | 3 |
| Human Behavior | | 3 |
| Non-OEAS science elective | | 3 |
| Credit Hours | | 15 |
| Total Credit Hours | | 120-121 |