

**2023 - 2024 Old Dominion University Catalog**  
**Bachelor of Science in Ocean and Earth Science with a Major in Environmental Sciences (BS)**  
**(w/ VCCS Equivalencies)**

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed.*

*\* Indicates not automatically waived with transferrable associates degree, C or better required for transfer. Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees). Associate in Science recommended for ease of transfer.*

**YEAR 1 - FRESHMAN (34 CREDITS)**

**FALL SEMESTER (17 credits)**

General Education and Major Coursework:

ENGL 110C  
 BIOL 121N & 122N (4 credits)  
 OEAS 111N (4 credits)

Literature  
 Language and Culture I (May be waived; see catalog for details)

VCCS Equivalency:

ENG 111\*  
 BIO 101\*  
 GOL 105\*

[Transfer Equivalency Guide](#)  
[Transfer Equivalency Guide](#)

**SPRING SEMESTER (17 credits)**

General Education and Major Coursework:

ENGL 211C or 231C  
 BIOL 123N & 124N (4 credits)  
 MATH 205 or 211 (3-4 credits)

Interpreting the Past  
 Language and Culture II (May be waived; see catalog for details)

VCCS Equivalency:

ENG 112, 210, 115 or 131\*  
 BIO 102\*  
 MTH 173, 263 or 273\*

[Transfer Equivalency Guide](#)  
[Transfer Equivalency Guide](#)

**YEAR 2 - SOPHOMORE (28 CREDITS)**

**FALL SEMESTER (14 credits)**

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)  
 PHYS 111N or 231N (4 credits)

Elective

Human Behavior

VCCS Equivalency:

CHM 111\*  
 PHY 111, 121, 201, 221, 231 or 241\*

[Transfer Equivalency Guide](#)

**SPRING SEMESTER (14 credits)**

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)  
 PHYS 112N or 232N (4 credits)

Elective

Human Creativity

VCCS Equivalency:

CHM 112\*  
 PHY 112, 122, 202, 222, 232 or 242\*

[Transfer Equivalency Guide](#)

**YEAR 3 - JUNIOR (28 CREDITS)**

**FALL SEMESTER (13 credits)**

General Education and Major Coursework:

OEAS 306  
 OEAS 300/4000-level Elective\*\*  
 OEAS 320 or BIOL 291 (4 credits)  
 OEAS 130G

VCCS Equivalency:

**SPRING SEMESTER (15 credits)**

Major Coursework:

OEAS 307 (1 credit)  
 OEAS 310 (4 credits)  
 STAT 310  
 OEAS 406 (1 credit)  
 OEAS 300/400-level Elective\*\*  
 OEAS 220T (Meets Impact of Technology)

VCCS Equivalency:

**YEAR 4 - SENIOR (30 CREDITS)**

**FALL SEMESTER (15 credits)**

General Education and Major Coursework:

OEAS 300/4000-level Elective\*\*  
 OEAS 300/4000-level Elective\*\*  
 OEAS 300/4000-level Elective\*\*  
 300-/400-level course (Option D)\*\*  
 Elective

VCCS Equivalency:

**SPRING SEMESTER (15 credits)**

Major Coursework:

OEAS 444 (Meets Oral Communication)  
 GEOG 402  
 OEAS 300/4000-level Elective\*\*  
 300-/400-level course (Option D)\*\*  
 Elective

VCCS Equivalency:

*\*\*Please refer to the catalog and consult with your advisor for appropriate elective coursework.*

*Note: Upper division general education (minor) has other options, see catalog for requirements.*

*Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 credit hours overall and 12 credit hours in upper-level courses in the major program from Old Dominion University, completion of ENGL 110C, ENGL 211C or 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.*

*This four-year plan 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.*