

**2021 - 2022 Old Dominion University Catalog**  
**Bachelor of Science in Ocean and Earth Science**  
**Marine Science Technology Concentration (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 (30 CREDITS)**

**FALL SEMESTER (16 credits)**

General Education and Major Coursework:

ENGL 110C  
 BIOL 121N & 122N (4 credits)  
 Literature  
 Interpreting the Past  
 Language and Culture I (May be waived; see catalog for details)

VCCS Equivalency:

ENG 111\*  
 BIO 101\*  
[Transfer Guide](#)  
[Transfer Guide](#)  
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**SPRING SEMESTER (14 credits)**

General Education and Major Coursework:

ENGL 211C or 231C  
 BIOL 123N & 124N (4 credits)  
 MATH 205 or 211 (4 credits)  
 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 Guide](#)

**YEAR 2 - SOPHOMORE (29 CREDITS)**

**FALL SEMESTER (15 credits)**

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)  
 PHYS 111N or 231N (4 credits)  
 Human Behavior  
 Philosophy and Ethics

VCCS Equivalency:

CHM 111\*  
 PHY 111, 121, 201, 221, 231  
 or 241\*  
[Transfer Guide](#)  
[Transfer Guide](#)

**SPRING SEMESTER (15 credits)**

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)  
 PHYS 112N or 232N (4 credits)  
 OEAS 111N (4 credits)  
 Human Creativity

VCCS Equivalency:

CHM 112\*  
 PHY 112, 122, 202, 222, 232  
 or 242\*  
 GOL 105\*  
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**YEAR 3 - JUNIOR (32 CREDITS)**

**FALL SEMESTER (16 credits)**

Major Coursework:

OEAS 320 or BIOL 291 (4 credits)  
 STAT 310  
 OEAS 130G (Meets Info Literacy and Research)  
 OEAS 220T (Meets Impact of Technology)  
 OEAS Elective\*\*

VCCS Equivalency:

Major Coursework:

OEAS 306  
 OEAS 307 (1 credit)  
 OEAS 310 (4 credits)  
 OEAS 406 (1 credit)  
 OEAS Elective\*\* (4 credits)  
 Elective\*\*

VCCS Equivalency:

**YEAR 4 - SENIOR (29 CREDITS)**

**FALL SEMESTER (15 credits)**

Major Coursework:

OEAS 444 (Meets Oral Communication)  
 GEOG 402  
 OEAS Elective\*\*  
 Elective\*\*  
Upper Division Gen. Ed. Coursework:\*\*  
 300-/400-level course (Option D)

VCCS Equivalency:

Major Coursework:

OEAS 451W (4credits)  
 OEAS 416  
 OEAS Elective\*\*  
 Elective\*\* (1 credits)  
Upper Division Gen. Ed. Coursework:\*\*  
 300-/400-level course (Option D)

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 221C 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.*