

2022 - 2023 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science
Biological Oceanography 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)

SPRING SEMESTER (14 credits)

General Education and Major Coursework:

ENGL 110C
 BIOL 121N & 122N (4 credits)
 OEAS 111N (4 credits)
 MATH 211 (4 credits)

VCCS Equivalency:

ENG 111*
 BIO 101*
 GOL 105*
 MTH 173, 263 or 273*

General Education and Major Coursework:

ENGL 231C
 BIOL 123N & 124N (4 credits)
 MATH 212 (4 credits)
 OEAS 130G (Meets Info Literacy and Research)

VCCS Equivalency:

ENG 112, 210, 115 or 131*
 BIO 102*
 MTH 174, 264, or 274*

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

[Transfer Guide](#)

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

[Transfer Guide](#)

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)
 Interpreting the Past
 PHYS 231N (4 credits)
 Human Creativity

VCCS Equivalency:

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

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)
 Literature
 PHYS 232N (4 credits)
 Impact of Technology
 Elective**

VCCS Equivalency:

CHM 112*
[Transfer Guide](#)
 PHY 222, 232 or 242*
[Transfer Guide](#)

YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (17 credits)

SPRING SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 211 and 212 (5 credits)
 BIOL 292
 STAT 310
 Human Behavior
 OEAS 406 (1 credit)

VCCS Equivalency:

CHM 241 and 243 or 245*

General Education and Major Coursework:

OEAS 306
 OEAS 307 (1 credit)
 CHEM 213
 OEAS 310 (4 credits)
 Philosophy and Ethics

VCCS Equivalency:

CHM 242*

[Transfer Guide](#)

YEAR 4 - SENIOR (29-30 CREDITS)

FALL SEMESTER (16 credits)

SPRING SEMESTER (13-14credits)

General Education and Major Coursework:

CHEM 441
 OEAS 440 (4 credits)
 OEAS 441 (Meets Oral Communication)
 OEAS Elective**
Upper Division Gen. Ed. Coursework:**
 300-/400-level course (Option D)

VCCS Equivalency:

General Education and Major Coursework:

OEAS 442W
 BIOL 415W or OEAS 451 (4-5credits)
 OEAS Elective**
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.