

2020 - 2021 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)

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*
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SPRING SEMESTER (14 credits)

General Education and Major Coursework:
 ENGL 211C or 231C
 BIOL 123N & 124N (4 credits)
 MATH 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*
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YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:
 CHEM 121N and 122N (4 credits)
 MATH 212 (4 credits)
 PHYS 231N (4 credits)
 OEAS 130G (Meets Info Literacy and Research)

VCCS Equivalency:
 CHM 111*
 MTH 174, 264, or 274*
 PHY 221, 231 or 241*

SPRING SEMESTER (15 credits)

General Education and Major Coursework:
 CHEM 123N and 124N (4 credits)
 OEAS 111N (4 credits)
 PHYS 232N (4 credits)
 Impact of Technology

VCCS Equivalency:
 CHM 112*
 GOL 105*
 PHY 222, 232 or 242*
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YEAR 3 - JUNIOR (32 CREDITS)

FALL SEMESTER (17 credits)

General Education and Major Coursework:
 CHEM 211 and 212 (5 credits)
 BIOL 292
 STAT 310
 Human Creativity
 Human Behavior

VCCS Equivalency:
 CHM 241 and 243 or 245*

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SPRING SEMESTER (15 credits)

General Education and Major Coursework:
 OEAS 306
 OEAS 307 (1 credit)
 CHEM 213
 OEAS 310 (4 credits)
 OEAS 406 (1 credit)
 Philosophy and Ethics

VCCS Equivalency:

 CHM 242*

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YEAR 4 - SENIOR (29-30 CREDITS)

FALL SEMESTER (16 credits)

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:

SPRING SEMESTER (13-14credits)

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.