

2018 - 2019 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science
Physical 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).

YEAR 1 - FRESHMAN (33 CREDITS)

FALL SEMESTER (16 credits)

General Education and Major Coursework:

MATH 211 (4 credits)
 ENGL 110C
 Language and Culture I
 (May be waived, see catalog for details)
 BIOL 121N & 122N (4 credits)
 Elective** (2 credits)

VCCS Equivalency:

MTH 173, 263 or 273*
 ENG 111*
[Transfer Guide](#)

SPRING SEMESTER (17 credits)

General Education and Major Coursework:

ENGL 211C or 231C
 Human Creativity
 Language and Culture II
 (May be waived, see catalog for details)
 MATH 212 (4 credits)
 BIOL 123N & 124N (4 credits)

VCCS Equivalency:

ENG 112, 210, 115 or 131*
[Transfer Guide](#)
[Transfer Guide](#)
 MTH 174, 264, or 274*
 BIO 102*

YEAR 2 - SOPHOMORE (27 CREDITS)

FALL SEMESTER (14 credits)

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)
 Literature
 Philosophy and Ethics
 OEAS 111N (4 credits)

VCCS Equivalency:

CHM 111*
[Transfer Guide](#)
[Transfer Guide](#)
 GOL 105*

SPRING SEMESTER (13 credits)

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)
 Interpreting the Past
 Information Literacy and Research
 Impact of Technology

VCCS Equivalency:

CHM 112*
[Transfer Guide](#)
[Transfer Guide](#)
[Transfer Guide](#)

YEAR 3 - JUNIOR (29 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

GEOG 402
 OEAS 306
 PHYS 231N (4 credits)
 STAT 310
 OEAS 310

VCCS Equivalency:

PHY 221, 231 or 241*

SPRING SEMESTER (13 credits)

General Education and Major Coursework:

OEAS 451
 PHYS 232N (4 credits)
 MATH 307 or MATH 280
 Human Behavior

VCCS Equivalency:

PHY 222, 232 or 242*
 MTH 267 or 279*
[Transfer Guide](#)

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

OEAS 441(Meets Oral Communication)
 OEAS 405 and 406 (4 credits)
 OEAS 415
 Option A, B or C course**
Upper Division Gen. Ed. Coursework:
 300-/400-level course (Option D)

VCCS Equivalency:

SPRING SEMESTER (15 credits)

Major Coursework:

OEAS 442W (C or better required. Satisfies
 Upper-Division Written Requirement)
 Option A, B or C course**
 PHYS 319
 STAT 437
Upper Division Gen. Ed. Coursework:
 300-/400-level course (Option D)

VCCS Equivalency:

**Please consult with catalog and advisor for appropriate coursework.

Language and Culture may be waived, see ODU catalog for exemptions.

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.