

2022 - 2023 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). 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)

MATH 211 (4 credits)

OEAS 111N (4 credits)

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

VCCS Equivalency:

ENG 111*

BIO 101*

MTH 173, 263 or 273*

GOL 105*

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SPRING SEMESTER (14 credits)

General Education and Major Coursework:

ENGL 211C or 231C

BIOL 123N & 124N (4 credits)

MATH 212 (4 credits)

OEAS 130G (Meets Info Literacy and Research)

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

VCCS Equivalency:

ENG 112, 210, 115 or 131*

BIO 102*

MTH 174, 264, or 274*

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YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 121N and 122N (4 credits)

PHYS 231N (4 credits)

Literature

Human Creativity

VCCS Equivalency:

CHM 111*

PHY 221, 231 or 241*

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SPRING SEMESTER (15 credits)

General Education and Major Coursework:

CHEM 123N and 124N (4 credits)

PHYS 232N (4 credits)

MATH 307 or 280

Impact of Technology

VCCS Equivalency:

CHM 112*

PHY 222, 232 or 242*

MTH 267 or 279*

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YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

OEAS 406 (1 credit)

STAT 310

GEOG 402

Option A, B or C course**

Human Behavior

VCCS Equivalency:

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SPRING SEMESTER (14 credits)

General Education and Major Coursework:

OEAS 306

OEAS 310 (4 credits)

OEAS 307 (1 credit)

PHYS 319

Human Creativity

VCCS Equivalency:

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YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:

OEAS 441 (Meets Oral Communication)

OEAS 405

OEAS 415 or 435

Philosophy and Ethics

Upper Division Gen. Ed. Coursework:**

300-/400-level course (Option D)

VCCS Equivalency:

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SPRING SEMESTER (15 credits)

Major Coursework:

OEAS 442W

OEAS 451W

STAT 437

Option A, B or C course**

Upper Division Gen. Ed. Coursework:**

300-/400-level course (Option D)

VCCS Equivalency:

**Please consult with catalog and advisor for appropriate 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.