

2024 -2025 Old Dominion University Catalog
Bachelor of Science in Ocean and Earth Science with a Major in Secondary Earth Science Education (6-12) (BS) (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 (28 CREDITS)

FALL SEMESTER (17 credits)

General Education and Major Coursework:

ENGL 110C
 BIOL 121N & 122N (4 credits)

Human Creativity

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

Professional Education Coursework:

STEM 101 (1 credit)

VCCS Equivalency:

ENG 111*
 BIO 101*

[Transfer Equivalency Guide](#)

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SPRING SEMESTER (17 credits)

General Education and Major Coursework:

ENGL 211C or 231C
 MATH 205 or MATH 211 (4 credits)

OEAS 130G (Meets Info Literacy and Research)

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

Professional Education Coursework:

STEM 102 (1 credit)

VCCS Equivalency:

ENG 112, 210, 115 or 131*
 MTH 173, 263 or 273*

[Transfer Equivalency Guide](#)

YEAR 2 - SOPHOMORE (30 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:

CHEM 121N and 122N (4 credits)
 OEAS 111N (4 credits)
 PHYS 111N (4 credits)

Philosophy and Ethics

Professional Education Coursework:

STEM 201

VCCS Equivalency:

CHM 111*
 GOL 105*
 PHY 201*

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SPRING SEMESTER (15 credits)

Major Coursework:

CHEM 123N and 124N (4 credits)
 OEAS 112N (4 credits)
 PHYS 112N (4 credits)

Literature

Professional Education Coursework:

STEM 202

VCCS Equivalency:

CHM 112*
 GOL 106*
 PHY 202*

[Transfer Equivalency Guide](#)

YEAR 3 - JUNIOR (35 CREDITS)

FALL SEMESTER (17 credits)

Major Coursework:

STAT 310
 OEAS 220T
 OEAS 320
 OEAS 315
 OEAS 306

VCCS Equivalency:

SPRING SEMESTER (18 credits)

General Education and Major Coursework:

OEAS 310 (4 credits)
 OEAS 303
 OEAS 344W
 OEAS 444
 Elective (OEAS 300/400 recommended)**

VCCS Equivalency:

YEAR 4 - SENIOR (27 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:

PHYS 408
 OEAS 468W

Human Behavior

Elective **

Professional Education Coursework:

STEM 401

VCCS Equivalency:

[Transfer Equivalency Guide](#)

SPRING SEMESTER (12 credits)

Major and Professional Education Coursework:

STEM 402
 STEM 485 (9 credits)

VCCS Equivalency:

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

Note: Upper division general education (minor) is satisfied through the Professional Education courses.

Requirements for graduation include a minimum cumulative grade point average of 2.75 GPA, in the major area, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; successful completion of the Teacher Candidate Internship and a minimum of 123 credit hours, which must include both a minimum of 31 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 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

Please refer to the catalog for information regarding requirements for admissibility to the teacher preparation program.