

2025 -2026 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 (15 credits)

General Education and Major Coursework:

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

Human Creativity

Philosophy and Ethics

Professional Education Coursework:

STEM 103 (2 credits)

VCCS Equivalency:

ENG 111*

BIO 101*

[Transfer Equivalency Guide](#)

[Transfer Equivalency Guide](#)

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)

Literature

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)

Professional Education Coursework:

STEM 201

VCCS Equivalency:

CHM 111*

GOL 105*

PHY 201*

SPRING SEMESTER (15 credits)

Major Coursework:

CHEM 123N and 124N (4 credits)

OEAS 112N (4 credits)

PHYS 112N (4 credits)

Professional Education Coursework:

STEM 202

VCCS Equivalency:

CHM 112*

GOL 106*

PHY 202*

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

Interpreting the Past

Elective (OEAS 300/400 recommended)**

VCCS Equivalency:

[Transfer Equivalency Guide](#)

YEAR 4 - SENIOR (27 CREDITS)

FALL SEMESTER (15 credits)

General Education and Major Coursework:

ASTP 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.