

2018 - 2019 Old Dominion University Catalog

Bachelor of Science in Mathematics with Teaching Licensure (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 (34 CREDITS)

FALL SEMESTER (17 credits)

General Education Coursework:
Human Behavior
 MATH 211 (4 credits)
Information Literacy and Research: CS 121G preferred
 ENGL 110C
Language and Culture I (May be waived. See catalog for details)
Professional Education Coursework:
 STEM 101 (1 credit)

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

SPRING SEMESTER (17 credits)

General Education Coursework:
Oral Communication
 MATH 212 (4 credits)
Philosophy and Ethics: PHIL 120P recommended
 ENGL 211C, 221C or 231C
Language and Culture II (May be waived. See catalog for details)
Professional Education Coursework:
 STEM 102 (1 credit)

VCCS Equivalency:
[Transfer Guide](#)
 MTH 174, 264, or 274*
[Transfer Guide](#)
 ENG 112, 210, 115 or 131*
[Transfer Guide](#)

YEAR 2 - SOPHOMORE (34 CREDITS)

FALL SEMESTER (17 credits)

General Education Coursework:
 Nature of Science* (4 credits)
Human Creativity
 MATH 307
 CS 150 (4 credits)
Professional Education Coursework:
 STEM 201

VCCS Equivalency:
[Transfer Guide](#)
[Transfer Guide](#)
 CSC 201 or EGR 126*

SPRING SEMESTER (17 credits)

General Education Coursework:
 Nature of Science* (4 credits)
Interpreting the Past
Literature
 MATH 312
Professional Education Coursework:
 STEM 202

VCCS Equivalency:
[Transfer Guide](#)
[Transfer Guide](#)
[Transfer Guide](#)

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)

Major Coursework:
 MATH 311W
 MATH 317
 MATH 375
 MATH 400-level elective**
 STAT 330 or 331
 Elective**

VCCS Equivalency:

SPRING SEMESTER (15 credits)

General Education Coursework:
Impact of Technology
Major Coursework:
 MATH 316
 MATH 400
 MATH 404
Professional Education Coursework:
 SCI 468

VCCS Equivalency:
[Transfer Guide](#)

YEAR 4 - SENIOR (27 CREDITS)

FALL SEMESTER (15 credits)

Major Coursework:
 MATH 406
 MATH 417 or 422
 STAT 310 or 431
 MATH 400-level elective**
Professional Education Coursework:
 STEM 401

VCCS Equivalency:

SPRING SEMESTER (12 credits)

Professional Education Coursework:
 STEM 402
 STEM 485

VCCS Equivalency:

*The Nature of Science requirement need not be in the same science. However, PHYS 231N-232N are recommended for the applied mathematics option; and BIOL 110N/111N, or BIOL 112N/113N, BIOL 117N/BIOL 118N, or BIOL 121N/122N-BIOL 123N/124N are recommended for the statistics/biostatistics major.

**Please refer to the catalog and consult with your advisor for elective options.

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

The Professional Education courses satisfy the Upper Division requirement.

Please refer to the catalog to learn more about the Math Teaching Licensure requirements.

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 126 credit hours, which must include both a minimum of 32 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.