

2019 - 2020 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 Associate degree (Not eligible for Applied Associate degrees). Associate in Science recommended for ease of transfer.

completion of an

YEAR 1 - FRESHMAN (34 CREDITS)

FALL SEMESTER (14 credits)

General Education Coursework:
 ENGL 110C
 MATH 211 (4 credits)
 Information Literacy and Research: CS 121G preferred
 Human Behavior
Professional Education Coursework:
 STEM 101 (1 credit)

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

SPRING SEMESTER (14 credits)

General Education Coursework:
 ENGL 211C, 221C or 231C
 MATH 212 (4 credits)
 Philosophy and Ethics: PHIL 120P recommended
 Oral Communication
Professional Education Coursework:
 STEM 102 (1 credit)

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

YEAR 2 - SOPHOMORE (34 CREDITS)

FALL SEMESTER (17 credits)

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

VCCS Equivalency:
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 CSC 201 or EGR 126*

SPRING SEMESTER (17 credits)

General Education Coursework:
 Nature of Science II** (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 or approved BDA course***
 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:
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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 or approved BDA course***
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 major; 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.

This 4-year plan does not include 6 credits in Language and Culture, but this requirement may be waived; see ODU catalog.

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.