

**2022 - 2023 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). Associate in Science recommended for ease of transfer.*

**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 (32 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:

[Transfer Guide](#)  
[Transfer Guide](#)  
EGR 126 or ITP 132 (all VCCS) or CSC  
201 (only accepted from TCC, TNCC,  
PHCC or PDCCC)\*

**SPRING SEMESTER (15 credits)**

General Education Coursework:

Nature of Science II\*\* (4 credits)  
Interpreting the Past  
Literature

MATH 312 (4 credits)

Professional Education Coursework:

STEM 202

VCCS Equivalency:

[Transfer Guide](#)  
[Transfer Guide](#)  
[Transfer Guide](#)

**YEAR 3 - JUNIOR (33 CREDITS)**

**FALL SEMESTER (18 credits)**

General Education Coursework:

Impact of Technology

Major Coursework:

MATH 311W  
MATH 317  
MATH 375  
MATH 400-level elective or approved BDA course\*\*\*  
STAT 330 or 331\*\*\*

VCCS Equivalency:

[Transfer Guide](#)

Major Coursework:

MATH 316  
MATH 400  
MATH 404  
STAT 310 or 431\*\*\*

Professional Education Coursework:

SCI 468

VCCS Equivalency:

**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.*

*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.*