

2017-2018 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)

SPRING 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 detail)

Professional Education Coursework:

STEM 101 (1 credit)

VCCS Equivalency:

[Transfer Guide](#)

MTH 173, 263 or 273*

[Transfer Guide](#)

ENG 111*

[Transfer Guide](#)

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)

SPRING 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*

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)

SPRING SEMESTER (15 credits)

Major Coursework:

MATH 311W

MATH 317

MATH 375

MATH 400-level elective**

STAT 330 or 331

Elective**

VCCS Equivalency:

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)

SPRING SEMESTER (12 credits)

Major Coursework:

MATH 406

MATH 417 or 422

STAT 310 or 431

MATH 400-level elective**

Professional Education Coursework:

STEM 401

VCCS Equivalency:

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.