

2016 - 2017 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) | |
| <u>General Education Coursework:</u> | <u>VCCS Equivalency:</u> | <u>General Education Coursework:</u> | <u>VCCS Equivalency:</u> |
| Human Behavior | Transfer Guide | Oral Communication | Transfer Guide |
| MATH 211 (4 credits) | MTH 173 or 273* | MATH 212 (4 credits) | MTH 174 or 274* |
| Information Literacy and Research: CS 121G preferred | Transfer Guide | Philosophy and Ethics: PHIL 120P recommended | Transfer Guide |
| ENGL 110C | ENG 111* | ENGL 211C, 221C or 231C | ENG 112, 210, 115 or 131* |
| Language and Culture I (May be waived. See catalog for detail) | Transfer Guide | Language and Culture II (May be waived. See catalog for details) | Transfer Guide |
| <u>Professional Education Coursework:</u> | | <u>Professional Education Coursework:</u> | |
| STEM 101 (1 credit) | | STEM 102 (1 credit) | |
| YEAR 2 - SOPHOMORE (34 CREDITS) | | | |
| FALL SEMESTER (17 credits) | | SPRING SEMESTER (17 credits) | |
| <u>General Education Coursework:</u> | <u>VCCS Equivalency:</u> | <u>General Education Coursework:</u> | <u>VCCS Equivalency:</u> |
| Nature of Science* (4 credits) | Transfer Guide | Nature of Science* (4 credits) | Transfer Guide |
| Human Creativity | Transfer Guide | Interpreting the Past | Transfer Guide |
| MATH 307 | | Literature | Transfer Guide |
| CS 150 (4 credits) | CSC 201 or EGR 126* | MATH 312 | |
| <u>Professional Education Coursework:</u> | | <u>Professional Education Coursework:</u> | |
| STEM 201 | | STEM 202 | |
| YEAR 3 - JUNIOR (31 CREDITS) | | | |
| FALL SEMESTER (16 credits) | | SPRING SEMESTER (15 credits) | |
| <u>Major Coursework:</u> | <u>VCCS Equivalency:</u> | <u>General Education Coursework:</u> | <u>VCCS Equivalency:</u> |
| MATH 311W | | Impact of Technology | Transfer Guide |
| MATH 317 | | <u>Major Coursework:</u> | |
| MATH 375 | | MATH 316 | |
| MATH 400-level elective** | | MATH 400 | |
| STAT 330 or 331 | | MATH 404 | |
| Elective** | | <u>Professional Education Coursework:</u> | |
| | | SCI 468 | |
| YEAR 4 - SENIOR (27 CREDITS) | | | |
| FALL SEMESTER (15 credits) | | SPRING SEMESTER (12 credits) | |
| <u>Major Coursework:</u> | <u>VCCS Equivalency:</u> | <u>Professional Education Coursework:</u> | <u>VCCS Equivalency:</u> |
| MATH 406 | | STEM 402 | |
| MATH 417 or 422 | | STEM 485 | |
| STAT 310 or 431 | | | |
| MATH 400-level elective** | | | |
| <u>Professional Education Coursework:</u> | | | |
| STEM 401 | | | |

*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 option.

**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.