

2015 - 2016 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.*

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 details)	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, EGR 126 or ITP 100*	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.