

## 2014 - 2015 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 (30 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Human Behavior	<a href="#">Transfer Guide</a>	Oral Communication	<a href="#">Transfer Guide</a>
MATH 162M	MTH 163*	MATH 163	MTH 164*
CS 121G	<a href="#">Transfer Guide*</a>	Philosophy and Ethics (PHIL 120P recommended)	<a href="#">Transfer Guide</a>
ENGL 110C	ENG 111*	ENGL 211C, 221C or 231C	ENG 112, 210, 115 or 131*
Language and Culture I	<a href="#">Transfer Guide</a>	Language and Culture II	<a href="#">Transfer Guide</a>

#### YEAR 2 - SOPHOMORE (35 CREDITS)

FALL SEMESTER (18 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	<a href="#">Transfer Guide</a>	Nature of Science	<a href="#">Transfer Guide</a>
Human Creativity	<a href="#">Transfer Guide</a>	Interpreting the Past	<a href="#">Transfer Guide</a>
CS 150 (4 credits)	<a href="#">Transfer Guide*</a>	Literature	<a href="#">Transfer Guide</a>
MATH 211 (4 credits)	MTH 173 or 273*	MATH 212 (4 credits)	MTH 174 or 274*
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	

#### YEAR 3 - JUNIOR (41 CREDITS)

FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	SUMMER SEMESTER (9 credits)
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>		<u>Major Coursework:</u>
MATH 307		MATH 316	STAT 330 or 331
MATH 311W		MATH 317	MATH 400
MATH 312		STAT 310 or 431	<u>Professional Education Coursework:</u>
MATH 375		MATH 404	STEM 202
MATH 400-level elective**		MATH 400-level elective**	
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 101 (1 credit)		STEM 102 (1 credit)	

#### YEAR 4 - SENIOR (24 CREDITS)

FALL SEMESTER (12 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	
<u>Professional Education Coursework:</u>			
STEM 401			
SCI 468			

\*\*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.