

## 2014 - 2015 Old Dominion University Catalog

### Bachelor of Science in Mathematics (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 (32 CREDITS)

FALL SEMESTER (15 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>	Impact of Technology	<a href="#">Transfer Guide</a>
MATH 211 (4 credits)	MTH 173 or 273*	MATH 212 (4 credits)	MTH 174 or 274*
		Literature	<a href="#">Transfer Guide</a>

#### YEAR 3 - JUNIOR (30 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
MATH 307		MATH 316	
MATH 311W		MATH 317	
MATH 312		STAT 310 or 431***	
Elective		Elective	
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level course		300-/400-level course	

#### YEAR 4 - SENIOR (28 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (13 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
STAT 330 or 331***		Option Course**	
Option Course**		Option Course**	
Option Course**		Option Course**	
Option Course**		Elective (1 credit)	
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level course		300-/400-level course	

\*\*Please refer to the catalog and consult with your advisor for either an option in Applied Mathematics or Statistics/Biostatistics.

\*\*\*Statistics/Biostatistics majors must take STAT 310, 431 and 331.

\*\*\*\*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 108N-109N or BIOL 115N-116N are recommended for the statistics/biostatistics option.

Language and Culture may be waived, see ODU catalog for exemptions.

Elective credit will be needed to meet the minimum requirement of 120 credit hours, consult with your advisor for options.

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, a grade of C or better in all courses required for the major, including prerequisite courses, 120 credit hours, which must include both a minimum of 30 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.