

2015- 2016 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 (32 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 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
YEAR 2 - SOPHOMORE (30 CREDITS)			
FALL SEMESTER (14 credits)		SPRING SEMESTER (16 credits)	
<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education Coursework:</u>	<u>VCCS Equivalency:</u>
Nature of Science*	Transfer Guide	Nature of Science*	Transfer Guide
Human Creativity	Transfer Guide	Interpreting the Past	Transfer Guide
CS 150 (4 credits)	CSC 201, EGR 126 or ITP 100*	Impact of Technology	Transfer Guide
MATH 307		Literature	Transfer Guide
		Elective*****	
YEAR 3 - JUNIOR (31 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (15 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
STAT 310 or 431**		MATH 316	
MATH 311W		MATH 317	
MATH 312 (4 credits)		STAT 330 or 331***	
Concentration course****		Concentration course****	
<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 (27 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (12 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
Concentration course****		Concentration course****	
Concentration course****		Concentration course****	
Elective*****		Elective*****	
Elective*****		<u>Upper Division Gen. Ed. Coursework:</u>	
<u>Upper Division Gen. Ed. Coursework:</u>		300-/400-level course	
300-/400-level course			

*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.

**Statistics/Biostatistics concentration and the Actuarial Mathematics concentration take both.

***Statistics/Biostatistics concentration and the Actuarial Mathematics concentration take STAT 331.

****Students are required to choose one of the following concentrations: Applied Mathematics, Statistics/Biostatistics, or Actuarial Mathematics.

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.