2017 - 2018 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.
Courses in green are waived by the completion of an Associate degree (Not eligible for Applied Associate degrees).

YEAR 1 - FRESHMAN (32 CREDITS)

FALL SEMESTER (16 credits)	VCCS Equivalency:	SPRING SEMESTER (16 credits)	VCCS Equivalency:
General Education Coursework:	VCCS Equivalency:	General Education Coursework:	VCCS Equivalency:
Human Behavior: ECON 202S required for the Actuarial Mathematics Major	Transfer Guide	Oral Communication	Transfer Guide
MATH 211 (4 credits)	MTH 173, 263 or 273*	MATH 212 (4 credits)	MTH 174, 264, or 274*
Information Literacy and Research: CS 121G preferred. IT 150G is acceptable substitute for the Actuarial Mathematics Major or the Big Data Analytics Major	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)	VCCS Equivalency:	SPRING SEMESTER (16 credits)	VCCS Equivalency:
General Education Coursework:	VCCS Equivalency:	General Education Coursework:	VCCS Equivalency:
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 or EGR 126*	Impact of Technology: IT 360T suggested for the Actuarial Mathematics Major	Transfer Guide
MATH 307		Literature	Transfer Guide
		Elective*****	

YEAR 3 - JUNIOR (31 CREDITS)

FALL SEMESTER (16 credits)	VCCS Equivalency:	SPRING SEMESTER (15 credits)	VCCS Equivalency:
Major Coursework:	VCCS Equivalency:	Major Coursework:	VCCS Equivalency:
STAT 310 or 431**		MATH 316	
MATH 311W		MATH 317	
MATH 312 (4 credits)		STAT 330 or 331***	
Concentration course****		Concentration course****	
Upper Division Gen. Ed. Coursework:		Upper Division Gen. Ed. Coursework:	
300-/400-level course		300-/400-level course	

YEAR 4 - SENIOR (27 CREDITS)

FALL SEMESTER (15 credits)	VCCS Equivalency:	SPRING SEMESTER (12 credits)	VCCS Equivalency:
Major Coursework:	VCCS Equivalency:	Major Coursework:	VCCS Equivalency:
Concentration course****		Concentration course****	
Concentration course****		Concentration course****	
Elective*****		Elective*****	
Elective*****		Upper Division Gen. Ed. Coursework:	
Upper Division Gen. Ed. Coursework:		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 Major.

**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 majors: Applied Mathematics, Statistics/Biostatistics, Actuarial Mathematics, or Big Data Analytics.

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

*****Elective credit wll 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.