

2025 - 2026 Old Dominion University Catalog

Bachelor of Science in Biology with a Major in Biomedical Sciences - Pre-Health (BS) (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). Associate in Science recommended for ease of transfer.*

YEAR 1 - FRESHMAN (28-29 CREDITS)			
FALL SEMESTER (14-15 credits)		SPRING SEMESTER (14 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
ENGL 110C*	ENG 111	ENGL 221C 231C*	ENG 115 or 131
MATH 205 or MATH 211 (requires MATH 163M prerequisite)	MTH 173 or 263	PSYC 201S	PSY 200 or 201
BIOL 121N & 122N*	BIO 101	BIOL 123N & 124N*	BIO 102
CHEM 121N & 122N*	CHM 111	CHEM 123N & 124N*	CHM 112
YEAR 2 - SOPHOMORE (30 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 240 or 250*	BIO 141	BIOL 241 or 251*	BIO 142
BIOL 293		BIOL 294	
STAT 130M*	MTH 146, 155, 157, 240, 241, 242 or 245	CHEM 213 & CHEM 214	CHEM 242 and 244 or 246
CHEM 211 & CHEM 212 (5 credits)*	CHM 241 & 243	Human Creativity	Transfer Equivalency Guide
YEAR 3 - JUNIOR (28-34 CREDITS)			
FALL SEMESTER (13-16 credits)		SPRING SEMESTER (15-18 credits)	
<u>Major Coursework:</u>		<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
PHYS 111N*	PHY 111, 121 or 201	BIOL 316	
BIOL 302		BIOL 317 or 318	
Information Literacy and Research: CS 121G, CS 126G, or OEAS 130G required*	Transfer Equivalency Guide	PHYS 112N	PHY 112 or 122
Interpreting the Past Literature	Transfer Equivalency Guide	Oral Communication	Transfer Equivalency Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Equivalency Guide	SOC 201S	SOC 200, 201, or 202
		Language and Culture II (May be waived, see catalog for details)	Transfer Equivalency Guide
YEAR 4 - SENIOR (34-36 CREDITS)			
FALL SEMESTER (17-18 credits)		SPRING SEMESTER (17 credits)	
<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 300/400 Writing Intensive Course**		300/400 level Biology Elective**	
BIOL 440, 416, 454, or 476		CHEM 441	
300/400 level Biology Elective**		Impact of Technology:	Transfer Equivalency Guide
Philosophy and Ethics	Transfer Equivalency Guide	CS 121G or CS 126G or OEAS 130G	ITE 119
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D or Approved Minor**		300-/400-level Option D or Approved Minor**	

****Consult with your advisor, Degree Works and the ODU Catalog.**

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 231C, and a writing intensive (W) course in the major with a grade of C or better, and completion of Senior Assessment.

This four-year plan is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.