

2020 - 2021 Old Dominion University Catalog

Bachelor of Science in Biochemistry (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 (29 CREDITS)

FALL SEMESTER (14 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>
CHEM 121N/122N*	CHM 111	CHEM 123N/124N*	CHM 112
MATH 163*	MTH 162, 164 or 167	MATH 211(4credits)*	MTH 173, 263 or 273
BIOL 121N & 122N*	BIO 101	BIOL 123N & 124N*	BIO 102
ENGL 110C*	ENG 111	ENGL 211C, 221C, or 231C*	ENG 112, 210, 115 OR 131

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>
CHEM 211 & CHEM 212*	CHM 241 & 243	CHEM 213 & 214 or CHEM 216*	CHM 242 & 244 or 246
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
MATH 212 (4credits)*	MTH 174, 264, or 274	Information Literacy and Research	Transfer Guide
COMM 101R*	CST 100, 105 or 110	Elective**	

YEAR 3 - JUNIOR (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>
CHEM 321 & 322 (5 credits)		CHEM 443	
PHYS 231N*	PHY 231 or 241	Human Behavior	Transfer Guide
BIOL 293		PHYS 232N*	PHY 232 or 242
CHEM 441		CHEM 442W	
		Elective**	

YEAR 4 - SENIOR (31 CREDITS)

FALL SEMESTER (15 credits)		SPRING SEMESTER (16 credits)	
<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>	<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
Interpreting the Past	Transfer Guide	CHEM 485 (1 credit)	
Philosophy and Ethics	Transfer Guide	CHEM 333	
BIOL 294		Literature	Transfer Guide
CHEM 331		Impact of Technology	Transfer Guide
<u>Upper Division Gen. Ed. Coursework:**</u>		Human Creativity	Transfer Guide
300-/400-level Option D course		<u>Upper Division Gen. Ed. Coursework:**</u>	
		300-/400-level Option D course	

**Please refer to the catalog and consult with your advisor for appropriate elective coursework.

Note: Upper division general education may require more than two courses and a minor in Chemistry may not be used to fulfill the upper-division general education requirement.

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.