

## 2016 - 2017 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).*

#### YEAR 1 - FRESHMAN (29CREDITS)

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 164	MATH 211(4credits)*	MTH 173 or 273
BIOL 121N & 122N*	<a href="#">Transfer Guide</a>	BIOL 123N & 124N*	<a href="#">Transfer Guide</a>
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*	CHM 242 & 244 or 246
<span style="color: green;">Philosophy and Ethics</span>	<a href="#">Transfer Guide</a>	<span style="color: green;">Human Creativity</span>	<a href="#">Transfer Guide</a>
MATH 212 (4credits)*	MTH 174 or 274	MATH 312	
COMM 101R*	CST 100, 105 or 110	<span style="color: green;">Information Literacy and Research</span>	<a href="#">Transfer Guide</a>

#### YEAR 3 - JUNIOR (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>
CHEM 321 & 322 (5 credits)		CHEM 443	
PHYS 231N*	PHY 231 or 241	<span style="color: green;">Human Behavior</span>	<a href="#">Transfer Guide</a>
Elective**		PHYS 232N*	PHY 232 or 242
CHEM 331		CHEM 333	
		Elective**	

#### YEAR 4 - SENIOR (30 CREDITS)

FALL SEMESTER (16 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>
<span style="color: green;">Interpreting the Past</span>	<a href="#">Transfer Guide</a>	CHEM 485	
CHEM 442W		BIOL 303	
BIOL 293		<span style="color: green;">Literature</span>	<a href="#">Transfer Guide</a>
CHEM 441		<span style="color: green;">Impact of Technology</span>	<a href="#">Transfer Guide</a>
<u>Upper Division Gen. Ed. Coursework:</u>		<u>Upper Division Gen. Ed. Coursework:</u>	
300-/400-level Option D course		300-/400-level Option D course	

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

Language and Culture may be waived, see ODU catalog.

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.