

## 2023- 2024 Old Dominion University Catalog

### Bachelor of Science in Biochemistry (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 (32 CREDITS)

##### FALL SEMESTER (17 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 121N/122N*	CHM 111
MATH 163*	MTH 162, 164 or 167
BIOL 121N & 122N*	BIO 101
ENGL 110C*	ENG 111
Information Literacy and Research -CHEM 160G	

##### SPRING SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 123N/124N*	CHM 112
MATH 211(4credits)*	MTH 173, 263 or 273
BIOL 123N & 124N*	BIO 102
ENGL 211C or 231C*	ENG 112, 210, 115 OR 131

#### YEAR 2 - SOPHOMORE (28 CREDITS)

##### FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 211 & CHEM 212*	CHM 241 & 243
MATH 212 (4credits)*	MTH 174, 264, or 274
COMM 101R*	CST 105 or 110
Language and Culture I (May be waived, see catalog for details)	<a href="#">Transfer Equivalency Guide</a>

##### SPRING SEMESTER (14 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 213 & 214 or CHEM 216*	CHM 242 & 244 or 246
Elective**	PHY 231 or 241
<span style="color: green;">Human Behavior</span>	<a href="#">Transfer Equivalency Guide</a>
Language and Culture II (May be waived, see catalog for details)	<a href="#">Transfer Equivalency Guide</a>

#### YEAR 3 - JUNIOR (28 CREDITS)

##### FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 321 & 322 (5 credits)	
PHYS 231N*	
BIOL 293	
CHEM 441	

##### SPRING SEMESTER (13 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 443	
PHYS 232N*	PHY 232 or 242
CHEM 442W	
Elective**	

#### YEAR 4 - SENIOR (31 CREDITS)

##### FALL SEMESTER (15 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
BIOL 294	
CHEM 331	
<span style="color: green;">Interpreting the Past</span>	<a href="#">Transfer Equivalency Guide</a>
<span style="color: green;">Philosophy and Ethics</span>	<a href="#">Transfer Equivalency Guide</a>
<u>Upper Division Gen. Ed. Coursework:**</u>	
300-/400-level Option D course	

##### SPRING SEMESTER (16 credits)

<u>General Education and Major Coursework:</u>	<u>VCCS Equivalency:</u>
CHEM 485 (1 credit)	
CHEM 333	
<span style="color: green;">Impact of Technology</span>	<a href="#">Transfer Equivalency Guide</a>
<span style="color: green;">Human Creativity</span>	<a href="#">Transfer Equivalency Guide</a>
<span style="color: green;">Literature</span>	<a href="#">Transfer Equivalency Guide</a>
<u>Upper Division Gen. Ed. Coursework:**</u>	
300-/400-level Option D course	

\*\*Please consult with catalog and advisor for appropriate coursework.

Note: Upper division general education (minor) has other options, see catalog for requirements.