2024 - 2025 Old Dominion University Catalog
Bachelor of Science in Chemistry with a Major in Chemistry - Research (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,s not automatically yyO(not)-5(automati)(c)-3(all)(y)-3( )-8(w)2(aive)-5(d)-8(w)2(it)(h)-8(r)-(ans)-7(fer)

General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
CHEM 121N/122N	CHM 111*	CHEM 123N/124N or CHEM 125	CHM 112*
MATH 163	MTH 162, 164 or 167*	MATH 211	MTH 173, 263, or 273*
ENGL 110C	ENG 111*	ENGL 211C or 231C	ENG 112, 210, 115 OR 131*
Information Literacy and Research -CHEM 160G		Philosophy and Ethics	Transfer Equivalency Guide

General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
CHEM 211 & CHEM 212 (5 credits)	CHM 241 & 243 or 245*	CHEM 213 & 214 or 216 (5 credits)	CHM 242 & 244 or 246*
MATH 212	MTH 174, 264, or 274*	CHEM 321&322 (5 credits)	
PHYS 231N	PHY 231 or 241*	PHYS 232N	PHY 232 or 242*
Human Creativity	Transfer Equivalency Guide	Elective	

Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
CHEM 331		CHEM 333	
CHEM 352 or 442W (2-4 credits)		CHEM 334W (2 credits)	
CHEM 351		CHEM 415, 439, 443, or 451	
CHEM 441		COMM 101R	CST 100, 105 or 110*
CHEM 332W (2 credits)		Literature	Transfer Equivalency Guide

General Education and Major Coursework:	VCCS Equivalency:	General Education and Major Coursework:	VCCS Equivalency:
		CHEM 421&422 (6 credits)	
Interpreting the Past	Transfer Equivalency Guide	CHEM 485 (1 credit)	
Human Behavior	Transfer Equivalency Guide	Impact of Technology	Transfer Equivalency Guide
Language and Culture I (May be waived, see catalog for details)	Transfer Equivalency Guide	Language and Culture II (May be waived, see catalog for details)	Transfer Equivalency Guide
Upper Division Gen. Ed. Coursework:		Upper Division Gen. Ed. Coursework:	
300-/400-level Option D course		300-/400-level Option D course	