

## 2015 - 2016 Old Dominion University Catalog

### Bachelor of Science in Chemistry (Teaching Licensure)

*Sample four year curriculum with a suggested ordering of courses. Students may re-order as needed. Consult with Advisor.*

YEAR 1 - FRESHMAN (36 CREDITS)			
FALL SEMESTER (18 credits)		SPRING SEMESTER (18 credits)	
<u>General Education Coursework:</u>		<u>General Education Coursework:</u>	
CHEM 121N/122N	4	CHEM 123N/124N (or CHEM 137N/138N)	4
MATH 162M	3	MATH 163	3
PHYS 231N	4	PHYS 232N	4
ENGL 110C	3	ENGL 211C, 221C, or 231C	3
Language and Culture I (May be waived. See catalog for details)	3	Language and Culture II (May be waived. See catalog for details)	3
<u>Professional Education Coursework:</u>		<u>Professional Education Coursework:</u>	
STEM 101	1	STEM 102	1
YEAR 2 - SOPHOMORE (39 CREDITS)			
FALL SEMESTER (15 credits)		SPRING SEMESTER (15 credits)	SUMMER (9 credits)
<u>Major Coursework:</u>		<u>General Education Coursework:</u>	
CHEM 211/CHEM 212	5	Information Literacy and Research	3
MATH 211	4	<u>Major Coursework:</u>	Human Behavior
COMM 101R	3	CHEM 213/214	5
<u>Professional Education Coursework:</u>		MATH 212	4
STEM 201	3	<u>Professional Education Coursework:</u>	
		STEM 202	3
			Human Creativity
			Interpreting the Past
YEAR 3 - JUNIOR (37 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (16 credits)	SUMMER (5 credits)
<u>General Education Coursework:</u>		<u>Major Coursework:</u>	
Philosophy and Ethics	3	CHEM 449	3
<u>Major Coursework:</u>		CHEM 332W	2
CHEM 441	3	CHEM 321/322	5
CHEM 351	3	Literature	3
MATH 312	4	<u>Professional Education Coursework:</u>	
CHEM 331	3	SCI 468	3
			CHEM 333 & 334W
YEAR 4 - SENIOR (28 CREDITS)			
FALL SEMESTER (16 credits)		SPRING SEMESTER (12 credits)	
<u>General Education Coursework:</u>		<u>Major Coursework:</u>	
Impact of Technology	3	STEM 485	9
<u>Major Coursework:</u>		STEM 402	3
CHEM 421/422	6		
CHEM 485	1		
CHEM 352, 442W, 452, 497, or 498	3		
<u>Professional Education Coursework:</u>			
STEM 401	3		

Language and Culture may be waived, see ODU catalog for exemptions.

Note: Upper division general education is satisfied through the Professional Education Core Courses.

Requirements for graduation include a minimum cumulative grade point average of 2.75 GPA, in the major area, and in the professional education core, with no grade less than a C in the major and C- in the professional education core; successful completion of the Teacher Candidate Internship and a minimum of 135 credit hours, which must include both a minimum of 34 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.

