

Chemistry
Bachelor of Science (B.S.) <033T>
 Catalog Year 2016-17

First Semester				Second Semester			
ENGL	101	Composition and Rhetoric (<i>GEF 1</i>)	3.00	ENGL	102	Composition and Rhetoric (<i>GEF 1</i>)	3.00
WVUE	191	Freshman Seminar	1.00	CHEM	116	Fund of Chemistry II (<i>GEF 8</i>)	4.00
CHEM	115	Fund of Chemistry I (<i>GEF 2B</i>)	4.00	MATH	156	Calculus II (<i>GEF 8</i>)	4.00
MATH	155	Calculus I (<i>GEF 3</i>)	4.00	PHYS	111	Physics Sci & Engr I (<i>GEF 2B</i>)	4.00
<i>GEF</i>	4	Society and Connections	3.00				<hr/>
			15.00				15.00
Third Semester				Fourth Semester			
CHEM	233	Organic Chemistry I	3.00	CHEM	422	Chemistry of Inorganic Compounds	3.00
CHEM	235	Organic Chemistry I Lab	1.00	CHEM	423	Inorganic Synthesis Lab	1.00
CHEM	215	Analytic Chemistry I	4.00	CHEM	234	Organic Chemistry II	3.00
MATH	251	Multivariable Calculus	4.00	CHEM	236	Organic Chemistry I Lab	1.00
PHYS	112	Physics Sci & Engr II (<i>GEF8</i>)	4.00	MATH	261	Elementary Differential Equations	4.00
			<hr/>	<i>GEF</i>	6	The Arts and Creativity	3.00
			16.00				<hr/>
							15.00
Fifth Semester				Sixth Semester			
CHEM	346	Physical Chemistry I	3.00	CHEM	310	Analytic Chemistry II	3.00
CHEM	347	Physical Chemistry I Lab	1.00	CHEM	313	Analytic Chemistry II Lab	1.00
ENGL	305	Technical Writing	3.00	CHEM	348	Physical Chemistry II	3.00
<i>GEF</i>	7	Global Studies and Diversity	3.00	CHEM	349	Physical Chemistry II Lab	1.00
		Restricted Elective ⁽¹⁾	3.00			Restricted Elective ⁽¹⁾	3.00
		Restricted Elective ⁽¹⁾	3.00			Restricted Elective ⁽¹⁾	3.00
			<hr/>				<hr/>
			16.00				14.00
Seventh Semester				Eighth Semester			
CHEM	494	Seminar in Chemistry	1.00	CHEM	497	Research Practicum	4.00
CHEM		Chemistry Elective	3.00	<i>GEF</i>	5	Human Inquiry and the Past	3.00
CHEM		Chemistry Elective	3.00	CHEM		Chemistry Elective	3.00
		Restricted Elective ⁽¹⁾	3.00			Restricted Elective ⁽¹⁾	3.00
		Restricted Elective ⁽¹⁾	3.00			Restricted Elective ⁽¹⁾	3.00
		Assessment Examination	<hr/>				<hr/>
			13.00				16.00

Total hours necessary to earn the B.S.Ch.E. degree = 120.00

Notes: ⁽¹⁾ The 24 hours of restricted electives are chosen from a list approved by the Chemistry Department.