



# Eureka College 2018-2019 Catalog

## Major in Chemistry

Complete 120 semester hours of graduation-eligible credit.

Chemistry Major		Gr	Cr
CHM131	General Chemistry I		4
CHM132	General Chemistry II		4
CHM220	Organic Chemistry I		4
CHM221	Organic Chemistry II		4
CHM250	Quantitative Analysis		4
CHM335W	Thermodynamics and Kinetics		4
CHM336	Quantum Chemistry & Spectr		3
Choose two of the following:			
<ul style="list-style-type: none"> <li>• CHM310 – Medicinal Chemistry<sup>(Sporadic)</sup></li> <li>• CHM321 – Biochemistry I<sup>(Alt Yrs)</sup></li> <li>• CHM345 – Instrument Analysis<sup>(Alt Yrs)</sup></li> <li>• CHM440 – Inorganic Chemistry<sup>(Alt Yrs)</sup></li> </ul>			
Required Supporting Courses			
MAT171	Calculus w/ Analytic Geometry I		4
MAT271	Calculus w/ Analytic Geometry II		4
PHY220	General Physics I: Mech/Waves		4
PHY230	General Physics II: Elec/Magnet		4
<b>TOTAL</b>			<b>49+</b>

Complete one of the following options:		
<input type="radio"/> Completion of a second major:		
<input type="radio"/> Completion of a minor:		
<input type="radio"/> 12 Credits Outside of Major at 200+Level	Gr	Cr
<b>TOTAL</b>		

General Education Capabilities	Date Met
<i>Justice and Civic Responsibility [JCR]</i>	
<i>Aesthetic Sensibility [AS]</i>	
<i>Analytical Inquiry &amp; Problem Solving [AIPS]</i>	
<i>Communication [CO]</i>	
<i>Health, Fitness, and Well-Being [HFWB]</i>	
<i>Intercultural Understanding [IU]</i>	
<i>Scientific Literacy [SL]</i>	
<i>Spiritual Engagement / Examined Life [SEEL]</i>	
<i>Sustainable Practices &amp; Environmental Conscience [SP]</i>	
<i>Ethical Reasoning [ER]</i>	
ECC490 Ethical Reasoning Seminar	
<b>TOTAL CAPABILITIES COMPLETED (Not Credits)</b>	<b>10</b>

Writing Requirement	Gr	Cr
ENG103W Academic Writing & Research		3
ENG301W Adv. Academic Writing & Rsrch		3
CHM335W Thermodynamics and Kinetics		-
Elective <b>W</b> Course		3
<b>TOTAL</b>		<b>9</b>