Eureka College
2019-2020 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: • CHM310 – Medicinal Chemistry(Sporadic) • CHM321 – Biochemistry I(Alt Yrs) • CHM345 – Instrument Analysis(Alt Yrs) • CHM440 – Inorganic Chemistry(Alt Yrs)			
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
TOTAL			**49+**

Complete one of the following options:		
◯ Completion of a second major:		
◯ Completion of a minor:		
◯ 12 Credits Outside of Major at 200+Level	Gr	Cr
TOTAL		

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

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