Chemistry (B.A.)

2026-2027 catalog

Student Name: _____ **ID Number:** _____

Major Requirements

Term Completed/Planned	Grade	Credit	Course #	Title
		5	CHM115 and 115L: General Chemistry I	
		5	CHM116 and 116L: General Chemistry II	
		5	CHM251 and 252L: Organic Chemistry I	
		5	CHM352 and 352L: Organic Chemistry II	
		5	CHM380 and 380L: Quantitative Analytical Chemistry	
		5	CHM369 and 369L: Biochemistry	
		2-4	SCI490 or other approved keystone	
		0	Complete either the ETS or DUCK standard exam in College Chemistry	
Complete **one (1)** of CHM362 or CHM468				
		4	CHM362	Physical Chemistry: Macroscopic Theory
		4	CHM468	Physical Chemistry: Microscopic Theory
Complete **one (1)** of CHM430, CHM440, or CHM450				
		2	CHM430	Advanced Thermodynamic and Separation Lab
		2	CHM440	Advanced Synthesis Lab
		2	CHM450	Advanced Spectroscopy and Computational Chemistry Lab
Complete **four (4)** credits of additional electives, chosen from:				
		4	CHM362	Physical Chemistry: Macroscopic Theory
		4	CHM370	Biochemistry II
		4	CHM464	Advanced Organic Chemistry
		4	CHM468	Physical Chemistry: Microscopic Theory
		4	CHM481	Instrumental Analysis
		4	CHM482	Inorganic Chemistry and Material Properties
		2	CHM494	Topics
		4	CHM495	Topics
		2	CHM498	Independent Study/Research (can be repeated)
		4	PHY317 and 317L: Biophysics	
Complete **four (4)** semesters of CHM491				
		0.5	CHM491	Chemistry Seminar
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Required supporting courses				
		4	MAT145 and 145L: Calculus I	
		4	MAT146 and 146L: Calculus II	
		5	PHY121 and 121L: General Physics I	
		5	PHY122 and 122L: General Physics II	