Chemistry (non-ACS-approved) (B.S.)

2014-2015 catalog

AUGSBURG COLLEGE

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

Major Requirements

All classes must be completed with a 2.0 grade or better.

Term Completed/Planned	Grade	Credit	✓	Course #	Title
		4		CHM115	General Chemistry I (NSM-L)
		4		CHM116	General Chemistry II (NSM-L)
		4		CHM351	Organic Chemistry I
		4		CHM352	Organic Chemistry II
		4		CHM353	Quantitative Analytical Chemistry
		2		SCI490	Integrated Science
Complete **one (1)** of CHM362 or CHM368					
		4		CHM362	Chemical Thermodynamics, Statistical Mechanics, and Kinetics
		4		CHM368	Quantum Chemistry, Molecular Structure, and Spectroscopy
Complete **one (1)** of CHM370, or BIO369, or another approved biochemistry or chemical biology course					
		4		CHM370	BioOrganic Chemistry
		4		BIO369	Biochemistry
Complete **three (3)** upper division elective, chosen from:					
		4		CHM362	Chemical Thermodynamics, Statistical Mechanics, and Kinetics
		4		CHM367	Properties of Polymers
		4		CHM368	Quantum Chemistry, Molecular Structure, and Spectroscopy
		4		CHM464	Advanced Organic Chemistry
		4		CHM470	Principles of Medicinal Chemistry
		4		CHM481	Instrumental Analysis
		4		CHM482	Advanced Inorganic Chemistry
		4		CHM495	Topics
		4		4 credits of CHM499 or CHM498	
		4		PHY317	Biophyics
Complete **four (4)** semesters of CHM491					
		0		CHM491	Chemistry Seminar
		0		CHM491	Chemistry Seminar
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		0		CHM491	Chemistry Seminar
Required supporting courses					
		4		MAT145	Calculus I (NSM)
		4		MAT146	Calculus II (NSM)
		4		PHY121	General Physics I (NSM-L)
		4		PHY122	General Physics II (NSM-L)
Complete **one (1)** Speaking skill course					
		4		COM115	Scientific and Technical Public Speaking (HUM)
		4		COM111	Public Speaking (HUM)
		4		HON130	Liberating Letters (HUM)

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

Student Signature Date Faculty Adviser Signature Date

Student and faculty signature are required for submission with the Intent to Graduate form.