

# Chemistry (ACS certified) (B.S.)

2015-2016 catalog

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	<input type="checkbox"/>	CHM115	General Chemistry I (NSM-L)
_____	_____	4	<input type="checkbox"/>	CHM116	General Chemistry II (NSM-L)
_____	_____	4	<input type="checkbox"/>	CHM351	Organic Chemistry I
_____	_____	4	<input type="checkbox"/>	CHM352	Organic Chemistry II
_____	_____	4	<input type="checkbox"/>	CHM353	Quantitative Analytical Chemistry
_____	_____	4	<input type="checkbox"/>	CHM362	Chemical Thermodynamics, Statistical Mechanics, and Kinetics
_____	_____	4	<input type="checkbox"/>	CHM368	Quantum Chemistry, Molecular Structure, and Spectroscopy
_____	_____	4	<input type="checkbox"/>	CHM464	Advanced Organic Chemistry
_____	_____	4	<input type="checkbox"/>	CHM481	Instrumental Analysis
_____	_____	4	<input type="checkbox"/>	CHM482	Advanced Inorganic Chemistry
_____	_____	2	<input type="checkbox"/>	SCI490	Integrated Science

Complete **one (1)** of CHM370, or BIO369, or another approved biochemistry or chemical biology course

_____	_____	4	<input type="checkbox"/>	CHM370	BioOrganic Chemistry
_____	_____	4	<input type="checkbox"/>	BIO369	Biochemistry

Complete **one (1)** upper division elective, chosen from:

_____	_____	4	<input type="checkbox"/>	CHM367	Properties of Polymers
_____	_____	4	<input type="checkbox"/>	CHM470	Principles of Medicinal Chemistry
_____	_____	4	<input type="checkbox"/>	CHM495	Topics
_____	_____	4	<input type="checkbox"/>	4 credits of CHM499 or CHM498	
_____	_____	4	<input type="checkbox"/>	PHY317	Biophysics

Complete **four (4)** semesters of CHM491

_____	_____	0	<input type="checkbox"/>	CHM491	Chemistry Seminar
_____	_____	0	<input type="checkbox"/>	CHM491	Chemistry Seminar
_____	_____	0	<input type="checkbox"/>	CHM491	Chemistry Seminar
_____	_____	0	<input type="checkbox"/>	CHM491	Chemistry Seminar

Required supporting courses

_____	_____	4	<input type="checkbox"/>	MAT145	Calculus I (NSM)
_____	_____	4	<input type="checkbox"/>	MAT146	Calculus II (NSM)
_____	_____	4	<input type="checkbox"/>	MAT245	Calculus III
_____	_____	4	<input type="checkbox"/>	PHY121	General Physics I (NSM-L)
_____	_____	4	<input type="checkbox"/>	PHY122	General Physics II (NSM-L)

Complete **one (1)** Speaking skill course

_____	_____	4	<input type="checkbox"/>	COM115	Scientific and Technical Public Speaking (HUM)
_____	_____	4	<input type="checkbox"/>	COM111	Public Speaking (HUM)
_____	_____	4	<input type="checkbox"/>	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.