



Name: _____ Student ID #: _____ Date: _____

University Studies Requirements

Core Courses *completed within first 60 credits

Course	Credits	Grade	Planned to Take
WRIT 102 College Writing II _____	3	_____	_____
WRIT 209 Business and Professional Writing _____	3	_____	_____
HHP 102 Wellness and a Positive Lifestyle _____	3	_____	_____
COMM 110 Intro to Speech Communications _____	3	_____	_____
MATH/CSCI _____	3-4	_____	_____

Humanities

Course	Course Title	Credits	Grade	Planned to Take
History _____	_____	3	_____	_____
Literature _____	_____	3	_____	_____
World Language, Culture, & Philosophy _____	_____	3	_____	_____

Social Science (6 cr) *must include 2 different prefixes*

Course	Course Title	Credits	Grade	Planned to Take
Course 1 _____	_____	3	_____	_____
Course 2 _____	_____	3	_____	_____

Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental _____	_____	2	_____	_____
Lab _____	_____	4	_____	_____

Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation _____	_____	3	_____	_____
Aesthetic Experience _____	_____	3	_____	_____

Global Awareness & Diversity **may be fulfilled through other University Studies categories*

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness _____	_____	3	_____	_____
Diversity _____	_____	3	_____	_____

Chemistry (comprehensive) Major Requirements

All grades in required courses for this major must be C or higher, except that two grades of C- may be counted toward the major. No minor is required.

54 total credits required to include:

Chemistry Core required courses (53 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CHEM 105	General Chemistry I	5		
CHEM 106	General Chemistry II	4		
CHEM 305	Quant Analysis Lecture	3		
CHEM 306	Quant Analysis Laboratory	2		
CHEM 320	Organic Chemistry Lecture I	3		
CHEM 321	Organic Chemistry Lecture II	3		
CHEM 322	Organic Chemistry Lab I	1		
CHEM 323	Organic Chemistry Lab II	1		
CHEM 327	Molecular Spectroscopy I	1		
CHEM 345	Physical Chemistry Lect I	4		
CHEM 347	Physical Chemistry Lab I	1		
CHEM 360	Introduction to Biochemistry	3		
CHEM 365	Descriptive Inorganic Chemistry	3		
CHEM 481	Special Topics	1-6		
OR				
CHEM 491	Senior Research	1-4		
OR				
CHEM 496	Senior Paper	1		
CHEM 497	Senior Seminar in Chemistry	1		
MATH 240	Calculus and Analytic Geometry I	4		
MATH 241	Calculus and Analytic Geometry II	4		
PHYS 201	Calculus-Based Physics I	4		
PHYS 202	Calculus-Based Physics II	5		
MATH 242	Calculus and Analytic Geometry III (<i>recommended</i>)	4		

Note: *PHYS 107 & PHYS 205 together substitute for PHYS 201. PHYS 108 and PHYS 206 together substitute for PHYS 202. Special department permission required to enroll in PHYS 205 or PHYS 206.*

Capstone courses (1 credit required):

CHEM 491	Special Research	1-4		
CHEM 496	Senior Paper	1		
CHEM 498	Internship	1-4		

Professional Chemistry Option:

This option is recommended for students considering graduate school in chemistry or employment as a professional chemist. In addition to the required courses listed above students must also complete:

Course	Course Title	Credits	Grade	Planned to Take
CHEM 346	Physical Chemistry Lecture II	3		
CHEM 348	Physical Chemistry Lab II	2		
CHEM 375	Instrumental Analysis Lecture	3		
CHEM 376	Instrumental Analysis Lab	2		



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HHP 102 Wellness and a Positive Lifestyle	3	_____	_____
COMM 110 Intro to Speech Communications	3	_____	_____
MATH/CSCI	3-4	_____	_____

Humanities

Course	Course Title	Credits	Grade	Planned to Take
History	_____	3	_____	_____
Literature	_____	3	_____	_____
World Language, Culture, & Philosophy	_____	3	_____	_____

Social Science (6 cr) *must include 2 different prefixes*

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Course 2	_____	3	_____	_____

Natural & Physical Sciences

Course	Course Title	Credits	Grade	Planned to Take
Environmental	_____	2	_____	_____
Lab	_____	4	_____	_____

Fine & Applied Arts

Course	Course Title	Credits	Grade	Planned to Take
Art History, Criticism & Appreciation	_____	3	_____	_____
Aesthetic Experience	_____	3	_____	_____

Global Awareness & Diversity *may be fulfilled through other University Studies categories

Course	Course Title	Credits	Grade	Planned to Take
Global Awareness	_____	3	_____	_____
Diversity	_____	3	_____	_____

Chemistry (non-comprehensive) Major Requirements

30 Chemistry credits plus 8 Physics credits

This Chemistry Major is designed for students who would like to earn a major in Chemistry to accompany a minor or major in another discipline. By taking additional coursework students have the option to earn the comprehensive Chemistry major or complete necessary pre-requisites required of most Chemistry graduate programs. Consult with your advisor and the relevant post-graduate programs regarding additional requirements.

Required Chemistry courses (23 credits)

Course	Course Title	Credits	Grade	Planned to Take
CHEM 105	General Chemistry I	5		
CHEM 106	General Chemistry II	4		
CHEM 305	Quant Analysis Lecture	3		
CHEM 306	Quant Analysis Laboratory	2		
CHEM 320	Organic Chemistry Lecture I	3		
CHEM 321	Organic Chemistry Lecture II	3		
CHEM 322	Organic Chemistry Lab I	1		
CHEM 323	Organic Chemistry Lab II	1		
CHEM 327	Molecular Spectroscopy I	1		

Physical Chemistry (3 credits)

CHEM 345	Physical Chemistry Lect I	4		
or				
	Intermediate Topics: Introduction to Physical Chemistry	3		

Chemistry Elective (3 credits)

3 credits of 300-level or above		3		
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Capstone courses (1 credit required):

CHEM 491	Special Research	1-4		
CHEM 497	Senior Seminar	1		
CHEM 498	Internship	1-4		

Required Cognates

MATH 115	Precalculus	5		
or				
MATH 151	Calculus for Business, Life, and Social Sciences	3		
or				
Placement into MATH 240 – Calculus and Analytical Geometry I				

Physics (8 credits)

PHYS 107	Algebra-Based Physics I	4		
or				
PHYS 201	Calculus-Based Physics I	5		
PHYS 108	Algebra-Based Physics II	4		
or				
PHYS 202	Calculus-Based Physics II	5		