



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.

56 total credits required to include:

### Chemistry Core required courses (56 credits required):

Course	Course Title	Credits	Grade	Planned to Take
CHEM 105	General Chemistry I	5		
CHEM 106	General Chemistry II	4		
CHEM 205	Quant Analysis Lecture	3		
CHEM 206	Quant Analysis Laboratory	2		
CHEM 320	Organic Chemistry Lecture I	3		
CHEM 321	Organic Chemistry Lecture II	3		
CHEM 322	Organic Chemistry Lab I	2		
CHEM 323	Organic Chemistry Lab II	2		
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	Algebra-Based Physics I	4		
OR				
PHYS 107	Calculus-Based Physics I	5		
AND				
PHYS 205	Calculus Applications in Introductory Physics I	1		
PHYS 202	Calculus-Based Physics II	5		
OR				
PHYS 108	Algebra-Based Physics II	4		
AND				
PHYS 206	Calculus Applications in Introductory Physics II	1		
MATH 242	Calculus and Analytic Geometry III ( <i>recommended</i> )	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	_____	_____

**Biochemistry Option:**

*Chemistry majors interested in attending medical, veterinary or pharmacy schools or graduate school in biochemistry are advised to take:*

Course	Course Title		Credits	Grade	Planned to Take
CHEM 360	Introduction to Biochemistry	_____	3	_____	_____
CHEM 462	Advanced Biochemistry Laboratory Techniques in	_____	3	_____	_____
CHEM 465	Biochemistry and Cell/Molecular Biology	_____	2	_____	_____
BIOL 130	Principles of Biology I	_____	4	_____	_____
BIOL 132	Principles of Biology II	_____	4	_____	_____
BIOL 330	Genetics	_____	4	_____	_____
BIOL 355	General Microbiology	_____	4	_____	_____
BIOL 440	Cell Biology	_____		_____	_____

*Students who also choose BIOL 340 will complete a minor in biology.*

*This is not a formal biochemistry major, students choosing this option will have completed the topics recommended for a biochemistry major by the American Society of Biochemistry and Molecular Biology*

**Notes:**