

Name:				
Student ID:				
Date Admitted Into Major:				

## **BACHELOR OF SCIENCE**

NTRATION

CHE

CHE

CHE

CHE

340

419

422

560

			CHEMI	ST
		ВІС	CHEMISTRY C	
	GENERAL EDUCATION RE	QUIREMENTS	3	
	Competencie	s		
☐ ◆ Ba	sic College Math			
☐ ♦ Re	eading Comprehension			
•	♣General Education Categories	(34-35 credits	total)	
<b>♦FYS</b>	First Year Seminar		3	
♦W-I	Written Communication - Level I		3	
+OC	Oral Communication		3	
PGR	Personal Growth & Responsibility		3	
CEA	Creative Expression & Appreciation		3	
WC	World Cultures		3	
HP	The Human Past		3	
CS	Contemporary Society		3	
SR	Scientific # Any SR course		3-4	
OIX	Reasoning: # SR Lab course		4	
QR	Quantitative Reasoning		3	
‡ Writt	ten Communication (Level II and Power Dynamics and So		nd Diversity,	
W-II	Written Communication - Level II	Ciai Sustice		
W-III	Written Communication - Level III			
	Diversity, Power Dynamics and			
DPDS	Social Justice			
		1	<u></u>	
	¶ Free Electives (9 credit	ts minimum)		
	necessary to take additional credits to			
require	d for graduation depending on choices		al education or	
	minor selection	•		
			+	

COURSES IN MAJOR (45 credits total)						
Freshman Year						
CHE	130	General Chemistry I	4			
CHE	212	Organic Chemistry I	4			
Sophomore Year						
CHE	131	General Chemistry II	4			
CHE	213	Organic Chemistry II	4			
Junior Year						
CHE	309	Biochemistry	4			
CHE	321	Quantitative Analysis	4			
CHE	341	Physical Chemistry I	4			
CHE	342	Physical Chemistry II`	4			
Senior Year						

## ▼ Required Support Courses (31 credits total)

Techniques in Inorganic &

Advanced Biochemistry

Instrumental Analysis

Chemistry Seminar

Organic Synthesis

4

3

4

BIO	132	Introduction to Cells	4	
BIO	212	Cell Biology	4	
MAT	220	Calculus I	4	
MAT	221	Calculus II	4	
†ITC	100	Computers and Their Uses	3	
PHS	211A	Physics I	4	
	OR			
PHS	221	Physics I with Calculus	4	
	AND			
PHS	212A	Physics II	4	
	OR			
PHS	222	Physics II with Calculus	4	
and one of the following:				
BIO	313	Molecular Biology	4	
BIO	402	Genetics	4	
BIO	405	General Physiology	4	
BIO	406	Microbiology	4	
BIO	411	Immunology	4	

- Students may choose to use support courses to satisfy general education categories, but may not be required to do so. Note: If a course is used to satisfy two or more requirements (for example, a support course and Scientific Reasoning requirement), the credits are counted in only one place. Using a course to satisfy more than one requirement does not reduce the credit total required for graduation.
- Courses used to satisfy the general education requirements of the university must be taken from a minimum of six different academic disciplines. First Year Seminar and Level I Written Communications courses are exempt from this restriction. Courses may not be used to fulfill both major discipline and general education requirements.
- These Scientific Reasoning General Education Category courses do not have to be a sequence or be from the same discipline.
- Level II, Level III Written Communications and Diversity, Power Dynamics and Social Justice Courses may be used to satisfy requirements anywhere else in # a student's program of study where they may apply. The credits are counted only in one area.
- ITC 100 is required of students who did not pass the Computer Literacy Test and must be taken in the first semester of the Freshman year or the transfer year
- It is strongly recommended that students elect additional biology, mathematics, physics and computer science courses.

♦ COMPETENCIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS

♦ GENERAL EDUCATION CATEGORIES - TO BE COMPLETED WITHIN THE FIRST 30 CREDITS