

Name _____

Advising Code _____

Requirements for graduation:

120 credits total, 42 upper-division (300-499) credits, 15 credits in electives, 400 lab hours, 21 credits AUCC categories with 2.00 GPA, Overall GPA of 2.000

Always check your DARS for an accurate assessment of your progress to graduation.

Bachelor of Science | Major in Chemistry | ACS Certified | 4yr Plan**Year 1**Upper division 0
Total credits 16
Laboratory Hours 0

Fall			
Course Code	Course No.	Credit Hours	Course Name
CHEM	192	2	Introductory Seminar*
CHEM	120	4	Modern Chemistry*
CHEM	121	1	Modern Chemistry Lab
AUCC3B	100	3	Arts and Humanities
AUCC3C	100	3	Social and Behavioral Science
MATH	117-125	0	PAcE
ELECTIVE	100	3	Elective

Upper division 0
Total credits 15
Laboratory Hours 90

Spring			
Course Code	Course No.	Credit Hours	Course Name
MATH ⁺⁺	160	4	Calculus I ¹
CHEM	231	3	Analytical Chemistry
CHEM	232	2	Analytical Chemistry Lab
AUCC3B	100	3	Arts and Humanities
CO	150	3	Intermediate Composition

Year 2Upper division 0
Total credits 17
Laboratory Hours 45

Fall			
Course Code	Course No.	Credit Hours	Course Name
PH ⁺	141	5	Physics I
CHEM	241	4	Organic Chemistry*
CHEM	242	1	Organic Chemistry Lab
AUCC3D	100	3	Historical Perspectives
MATH	271	4	Applied Math for Chemists I ²

Upper division 0
Total credits 17
Laboratory Hours 45

Spring			
Course Code	Course No.	Credit Hours	Course Name
PH ⁺	142	5	Physics II
CHEM	263	4	Inorganic Chemistry*
CHEM	264	1	Inorganic Chemistry Lab
AUCC3E	100	3	Diversity and Culture
MATH	272	4	Applied Math for Chemists II

Year 3Upper division 13
Total credits 16
Laboratory Hours 135

Fall			
Course Code	Course No.	Credit Hours	Course Name
CHEM REQ	300	4	Upper-Division Chemistry
CHEM	371	4	Physical Chemistry
CHEM	372	1	Physical Chemistry Lab
CHEM REQ	300	4	Upper-Division Chemistry
ELECTIVE	100	3	Elective

Upper division 11
Total credits 14
Laboratory Hours 45

Spring			
Course Code	Course No.	Credit Hours	Course Name
CO	300	3	Advanced Composition ³
CHEM	321	4	Chemical Biology*
CHEM	322	1	Chemical Biology Lab
ELECTIVE	100	3	Elective
CHEM or other	300	3	Chemistry or Advanced Elective

Year 4Upper division 10
Total credits 13
Laboratory Hours 0

Fall			
Course Code	Course No.	Credit Hours	Course Name
CHEM or other	300	4	Chemistry or Advanced Elective
CHEM or other	300	3	Chemistry or Advanced Elective
CHEM or other	300	3	Chemistry or Advanced Elective
ELECTIVE	100	3	Elective

Upper division 10
Total credits 13
Laboratory Hours 45

Spring			
Course Code	Course No.	Credit Hours	Course Name
CHEM	493	2	Senior Seminar ⁴
CHEM REQ	400	4	Upper-Division Chemistry
CHEM or other	300	4	Chemistry or Advanced Elective
ELECTIVE	100	3	Elective

+ Will satisfy AUCC3A

++ Will satisfy AUCC1B

*Must register for recitation

Notes

1. MATH 155 or (MATH 157 and MATH159) may also fulfill this requirement.
2. MATH 161 and MATH 261 may be accepted in substitution for MATH 271 and MATH 272, respectively.
3. Student may also take CHEM 301 to fulfill this requirement.
4. Student may also take CHEM 499 (Senior Thesis) to fulfill this requirement.