

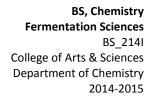


This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of plan require special attention.

	Credit	Min.	Included	Important Notes
Course Subject and Title	Hours	Grade Required	in Major GPA	POS = Program of Study

		Seme	ster One:	[14 Credit Hours]
ENG 1000	3			May be taken in fall or spring of first year
UCO 1200	3			May be taken in fall or spring of first year
CHE 1101& 1110	4		Х	Also meets Gen Ed Science Inquiry requirement
MAT 1110	4	C-	Х	Also meets Gen Ed Quantitative Literacy requirement
		Seme	ster Two:	[16 Credit Hours]
CHE 1102 & 1120	4		Х	Also meets Gen Ed Science Inquiry requirement
MAT 1120	4		Х	
BIO 1801	4		Х	
Gen Ed Perspective	3			Historical Studies Designation
Gen Ed Wellness Literacy	1			
		Semest	ter Three	: [16 Credit Hours]
ENG 2001	3			May be taken in fall or spring of sophomore year
CHE 2201 & 2203	4	C-	Х	
PHY 1150	5		Х	
FER 2000	1		Х	Offered Fall Semester only
Gen Ed Perspective	3			
		Semes	ster Four	: [13 Credit Hours]
CHE 2202 & 2204	4		Х	
PHY 1151	5		Х	
CHE 2210 & 2211	4		Х	
		Seme	ster Five:	[16 Credit Hours]
CHE 3301 & 3303	4		Х	Offered in Fall Semester only [WID]
BIO 2600	3		Х	
NUT 3210	3		Х	
Gen Ed Perspective	3			Fine Arts Designation
Free Elective	3			List of recommended electives is on the bottom of the POS
		Seme	ester Six:	[15 Credit Hours]
CHE 3000	1		Х	
CHE 3560 & 3561	3		Х	Offered in Spring Semester only
BIO 3308 Microbiology	4		Х	
FER 3200	3		Х	Offered in Spring Semester only
Gen Ed Perspective	3			
Gen Ed Wellness Literacy Course	1			





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Course Subject and Title	Hours	Grade Required	in Major GPA	POS = Program of Study

Semester Seven: [17 Credit Hours]					
CHE 4000	1	Х	CAPSTONE		
CHE 4580 & 4581	4	Х			
FER 4100 OR Free Elective*	3	Х	FER 4100 – Offered Fall Semester only (*CHE/FER 4200 may be taken next semester in lieu of this course; if choice is CHE/FER 4200, take a Free Elective here)		
Gen Ed Perspective	3		Literary Studies Designation		
Gen Ed Perspective	3				
Free Elective	3		List of recommended electives is on the bottom of the POS		
		Semester Eight:	[15 Credit Hours]		
FER 4300	3	Х	Offered in Spring Semester only		
CHE 3404	3	Х	Offered in Spring Semester only		
CHE/FER 4200 or Free Elective*	4	Х	Offered in Spring Semester only (*If FER 4100 was taken in previous semester, take Free Elective here)		
Gen Ed Perspective	3				
Free Elective	2		Take enough hours to reach the minimum 122 required for the degree; List of recommended electives is on the bottom of the POS		

General Requirements Summary					
Minimum Gen Ed. Total Hours Hours		Minimum			
	Writing	Major GPA	Overall GPA		
122	44	ENG 1000 and ENG 2001	2.0	2.0	

All CHE courses and all courses in Area II on Program of Study count in major GPA.

General Education Program Model - 44 Semester Hours Total				
Program Categories	Hours	Important Notes – Be sure to check for Gen Ed courses required in your major		
First Year Seminar	3	Can be taken first or second semester of freshman year		
Wellness Literacy	2			
Quantitative Literacy	4			
First Year Writing	3	Can be taken first or second semester of freshman year		
Sophomore Writing	3			
Perspectives:	29			



BS, Chemistry
Fermentation Sciences
BS_214I
College of Arts & Sciences
Department of Chemistry
2014-2015

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Credit

Min. Included in Major

Course Subject and Title

Credit Min. Grade in Major

Document Notes

GPA

Required

Aesthetic	6 or 9	
Historical & Social	6 or 9	
Local to Global	6 or 9	
Science Inquiry	8	

Additional Notes:

- Residency Requirements:
 - o 31 hours must be from ASU
 - o 18 hours in the major must be from ASU

Hours

9 hours in the minor must be from ASU