



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.

Course Cubic et and Title	Credit	Min.	Included	Important Notes
Course Subject and Title	Hours	Grade	in Major	POS = Program of Study
	110013	Required	GPA	105 - 110gram of Stady

		Semes	ter One:	[17 Credit Hours]
RC 1000	3			May be taken in fall or spring of first year
CHE 1101 & 1110	4		Х	Also meets Gen Ed Science Inquiry requirement (PRE: MAT 1020 or equivalent test score)
MAT 1110	4	C-	х	Also meets Gen Ed Quantitative Literacy requirement (<i>PRE: MAT 1025 or equivalent test score</i>)
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 1	3	Comos		[45 Credit House]
UCO 1200	3	Semes	ter Two:	[15 Credit Hours] May be taken in fall or spring semester of first year
CHE 1102 & 1120	4		Х	Also meets Gen Ed Science Inquiry requirement (PRE: MAT 1020 or equivalent test score)
MAT 1120	4		Х	a sign of a constant of
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy	1			
		Semeste	er Three	[16 Credit Hours]
RC 2001	3			May be taken in fall or spring of sophomore year
CHE 2201 & 2203	4	C-	Х	
PHY 1150	5		Х	PHY 1150 & 1151 must be completed prior to fall semester of junior year as prerequisite to CHE 3301 & 3303
BIO 1801	4		Х	
		Semest	ter Four:	[16 Credit Hours]
CHE 2202 & 2204	4	C-	Х	Min grade of C- required in CHE 2202 as prerequisite to CHE 4580 required course
PHY 1151	5		Х	
CHE 2210 & 2211	4		Х	
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
		Semes	ter Five:	[13 Credit Hours]
CHE 3301 & 3303	4		Х	[WID] Offered Fall Semester only
CHE 3000	1		Х	
CHE 4580	3	C-	Х	Min grade C- required in CHE 4580 as prerequisite to CHE 4582
CHE 4581	1			
Liberal Studies Experience Course 3	3			
Gen Ed Wellness Literary	1			





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.

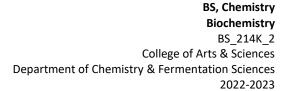
Shaded areas of plan require special attention.

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

		Semester Six: [14	-15 Credit Hours]
BIO 2600 & 2610	4	Х	
BIO 2400 or 2700	3	Х	
BIO 2410	1	Х	
CHE 4582	3	Х	Offered in Spring Semester only
Biochemistry Elective 1	3-4	х	Choose one course from the electives list under Biochemistry Electives ; A total of 11-12 hours required; A minor in Biology may be possible if 14 hours of BIO courses at or above the 2000 level are taken
		Semester Seven: [1	.6-17 Credit Hours]
BIO 3800	4	X	
CHE 3404	3	X	Offered Fall Semester only
Liberal Studies Experience Course 4	3		HS or LS or FA or SS Designation
Integrative Learning Experience Course 3	3		
Biochemistry Elective 2	3-4	Х	Choose one course from the electives list under Biochemistry Electives ; A total of 11-12 hours required
		Semester Eight: [1	1-13 Credit Hours]
CHE 4000	1	Х	CAPSTONE
Biochemistry Elective 3	3-4	х	Choose one course from the electives list under Biochemistry Electives ; A total of 11-12 hours required
Biochemistry Elective 4	3-4	Х	If needed to meet Biochemistry Electives hours; if not needed, take Free Electives to meet the 120 hours required for the degree
Free Elective	3		
Free Elective	1		If needed to reach the 120 hours required for the degree

General Requirements Summary					
Minimum	Minimum Gen Ed. Total Hours Writing		Minimum		
Total Hours			Major GPA	Overall GPA	
120	44	RC 1000 and RC 2001	2.0	2.0	

All CHE courses and all courses in Major Requirements area on Program of Study count in major GPA.





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.

Straded areas of plant require special a	eccircioii.			
Course Subject and Title	Credit Hours	Min. Grade Reguired	Included in Major GPA	Important Notes POS = Program of Study

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			
Integrative Learning Experience	9	Must choose a minimum of two disciplines		
Liberal Studies Experience	12	Must choose a minimum of three disciplines		
Science Inquiry	8			

You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.

Additional Notes:

- Honors students may opt to complete CHE 4510 Honors Thesis (1 hour). Please see department for more information.
- A minor in Biology is possible if at least 14 hours of biology at or above the 2000 level are taken. Students should declare the biology as soon as they realize they plan to meet these requirements.
- Residency Requirements:
 - o 30 hours must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU
- Please consult with your advisor to ensure you will complete the appropriate number of free electives as needed to reach the 120 total hours required for your degree.