

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 Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
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<b>Semester One: [17 Credit Hours]</b>				
RC 1000	3			May be taken in fall or spring of first year
CHE 1101& 1110	4		X	Also meets Gen Ed Science Inquiry requirement ( <i>PRE: MAT 1020 or equivalent test score</i> )
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy requirement
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 1	3			
<b>Semester Two: [15 Credit Hours]</b>				
UCO 1200	3			May be taken in fall or spring semester of first year
CHE 1102 & 1120	4		X	Also meets Gen Ed Science Inquiry requirement ( <i>PRE: MAT 1020 or equivalent test score</i> )
MAT 1120	4		X	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy	1			
<b>Semester Three : [16 Credit Hours]</b>				
RC 2001	3			May be taken in fall or spring of sophomore year
CHE 2201 & 2203	4	C-	X	
PHY 1150	5		X	
BIO 1801	4		X	
<b>Semester Four: [16 Credit Hours]</b>				
CHE 2202 & 2204	4		X	
PHY 1151	5		X	
CHE 2210 & 2211	4		X	
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
<b>Semester Five: [13 Credit Hours]</b>				
BIO 2400 or 2700	3		X	
BIO 2410	1		X	
CHE 3301 & 3303	4		X	<b>[WID]</b> Offered Fall Semester only
CHE 3000	1		X	
Liberal Studies Experience Course 3	3			
Gen Ed Wellness Literacy	1			
<b>Semester Six: [15-16 Credit Hours]</b>				
CHE 4000	1		X	<b>CAPSTONE</b>

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CHE 4580 & 4581	4		X	
BIO 2600 & 2610	4		X	
Biochemistry Concentration Elective 1	3-4		X	Choose one course from the electives list under Area II. D on POS; A total of 11-12 hours is required
Free Elective	3			
<b>Semester Seven: [16-17 Credit Hours]</b>				
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 Concentration Elective 2	3-4		X	Choose one course from the electives list under Area II. D on POS; A total of 11-12 hours is required
<b>Semester Eight: [12-14 Credit Hours]</b>				
CHE 4582	3		X	Offered in Spring Semester only
Biochemistry Concentration Elective 3	3-4		X	Choose one course from the electives list under Area II. D on POS; A total of 11-12 hours is required
Biochemistry Concentration Elective 4	3-4		X	If needed to meet Biochemistry Concentration hours; if not needed, take Free Electives to meet the 122 hours required for the degree
Free Elective	3			
Free Elective	0-2*			*Take enough free electives to meet the 122 hours required for the degree

General Requirements Summary				
Minimum Total Hours	Gen Ed. Hours	Writing	Minimum	
			Major GPA	Overall GPA
122	44	RC 1000 and RC 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 – <i>Be sure to check for Gen Ed courses required in your major</i>

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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.
- Residency Requirements:
  - 31 hours must be from ASU
  - 18 hours in the major must be from ASU
  - 9 hours in the minor must be from ASU
  - Final 30 hours must be courses taken through ASU (includes internships, study abroad taken through ASU)