

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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**Semester One: [17 Credit Hours]**

ENG 1000	3			May be taken in fall or spring of first year
CHE 1101& 1110	4		X	Also meets Gen Ed Science Inquiry requirement
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy requirement
Gen Ed Perspective	3			
Gen Ed Perspective	3			Fine Arts Designation

**Semester Two: [15 Credit Hours]**

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
MAT 1120	4		X	
Gen Ed Perspective	3			Historical Studies Designation
Gen Ed Wellness Literacy	1			

**Semester Three : [16 Credit Hours]**

ENG 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	

**Semester Four: [16 Credit Hours]**

CHE 2202 & 2204	4		X	
PHY 1151	5		X	
CHE 2210 & 2211	4		X	
Gen Ed Perspective	3			

**Semester Five: [13-14 Credit Hours]**

BIO Course Elective 1	4		X	Choose from 2000, 2600 & 2610, 3314, 3800, or 4568
CHE 3301 & 3303	4		X	<b>[WID]</b> Offered Fall Semester only
Other Science Course 1	3-4		X	Courses from AST, BIO, GLY, OR PHY, except 1000-level PHY courses or PHY 3350
CHE 3000	1		X	
Gen Ed Wellness Literacy	1			

**Semester Six: [14 Credit Hours]**

CHE 4000	1		X	<b>CAPSTONE</b>
CHE 4580	3		X	
BIO 2400 or 2700	3		X	
BIO 2410	1		X	
Gen Ed Perspective	3			

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Free Elective	3			
<b>Semester Seven: [17 Credit Hours]</b>				
BIO 3301	4		X	
BIO Course Elective 2	4		X	Choose from 2000, 2600 & 2610, 3314, 3800, or 4568
Gen Ed Perspective	3			
Gen Ed Perspective	3			Literary Studies Designation
Free Elective	3			
<b>Semester Eight: [13-15 Credit Hours]</b>				
CHE 3404	3		X	Offered Spring Semester only
BIO 3308	4		X	
Other Science Course 2	3-4		X	Courses from AST, BIO, GLY, OR PHY, except 1000-level PHY courses or PHY 3350
Free Elective	3			
Free Elective	0-1*			*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	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 – <i>Be sure to check for Gen Ed courses required in your major</i>
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	



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

**Additional Notes:**

- 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