

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: [14 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			Fine Arts Designation

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

UCO 1200	3			May be taken in fall or spring semester
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		X	Option: CHE 2101 & 2102; This choice depends on what courses are planned for the 7 hours of Chemistry Electives
CHE 2210 & 2211	4		X	
PHY 1150	5		X	

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

Chemistry Elective Course 1	4		X	CHE 2202 & 2204 recommended; if these are chosen, grade of C- required in CHE 2201 & 2203 in Semester Three
PHY 1151	5		X	
Individually-Designed Course 1	3		X	Based on an approved program of study contract for a total of 18 hours. See check sheet for details.
Individually-Designed Course 2	3		X	
Gen Ed Wellness Literacy	1			

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

CHE 3301 & 3303	4		X	Offered in Fall Semester only <b>[WID]</b>
CHE 3000	1		X	
Chemistry Elective Course 2	3		X	CHE 4580 recommended
Individually-Designed Course 3	3		X	
Gen Ed Perspective	3			

**Semester Six: [15-16 Credit Hours]**

CHE 3404	3		X	Offered in Spring Semester only
Other Science Course 1	3-4		X	Courses from AST, BIO, GLY, OR PHY, except 1000-level PHY courses or PHY 3350
Individually-Designed Course 4	3		X	

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Gen Ed Perspective	3			
Free Elective	3			
<b>Semester Seven: [15-16 Credit Hours]</b>				
Individually-Designed Course 5	3		X	
Other Science Course 2	3-4		X	Courses from AST, BIO, GLY, OR PHY, except 1000-level PHY courses or PHY 3350
Gen Ed Perspective	3			
Free Elective	3			
Free Elective	3			
<b>Semester Eight: [15-17 Credit Hours]</b>				
CHE 4000	1		X	<b>CAPSTONE</b>
Individually-Designed Course 6	3		X	
Gen Ed Perspective	3			Literary Studies Designation
Gen Ed Perspective	3			IF Gen Ed is complete, take Free Elective
Free Elective	3			
Free Elective	2-4*			*Take enough free electives to meet the 122 hours required for the degree

<b>General Requirements Summary</b>				
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 the major GPA.**

<b>General Education Program Model - 44 Semester Hours Total</b>		
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

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Sophomore Writing	3			
Perspectives:	29			
Aesthetic	6 or 9			
Historical & Social	6 or 9			
Local to Global	6 or 9			
Science Inquiry	8			

**Additional Notes:**

- The Individually Designed concentration requires approval from the department chairperson.
- A contract for the Individually Designed concentration must be on file with the dean's office before a senior check or graduation check-out can be done.
- 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