

This transfer four year guide is a recommended semester-by semester plan of study for this major. All transfer 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.

UGETC courses are highlighted in GOLD.

Course Subject and Title	Credit Hours	Min. Grade Required	NCCC Course	Important Notes POS = Program of Study
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**Semester One: [17 Credit Hours]**

RC 1000	3		ENG 111	May be taken in fall or spring of first year
CHE 1101& 1110	4		CHM 151	Also meets Gen Ed Science Inquiry requirement
MAT 1110	4	C-	MAT 271	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			

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

UCO 1200	3			See Notes
CHE 1102 & 1120	4		CHM 152	Also meets Gen Ed Science Inquiry requirement
MAT 1120	4		MAT 272	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy	1			

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

RC 2001	3		ENG 112	May be taken in fall or spring of sophomore year
CHE 2201 & 2203	4	C-	CHM 251	
PHY 1150	5		PHY 251	
BIO 1801	4		BIO 111	

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

CHE 2202 & 2204	4		CHM 252	
PHY 1151	5		PHY 252	
CHE 2210 & 2211	4			
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation

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

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

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

CHE 4000	1			<b>CAPSTONE</b>
CHE 4580	3			

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BIO 2400 or 2700	3			
BIO 2410	1			
Liberal Studies Experience Course 3	3			
Free Elective	3			

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

BIO 3301	4			
CHE 3404	3			Offered Fall Semester only
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 3	3			
Free Elective	3			

**Semester Eight: [14-16 Credit Hours]**

BIO Course Elective 2	4			Choose from 2000, 2600 & 2610, 3314, 3800, or 4568
BIO 3308	4			
Other Science Course 2	3-4			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

<b>General Requirements Summary</b>				
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.**

<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

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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)
- UCO 1200:
  - Waived for transfer students w/ more than 30 transferrable hours.
  - Students should take 3 s.h of Free Electives, in lieu of UCO 1200, to meet degree requirements.
  - Requirement satisfied by completion of AA/AS.