

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: [15 Credit Hours]				
UCO 1200	3			May take fall or spring first year
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy requirement (<i>Pre: MAT 1025 with minimum grade C- or passing calculus readiness test</i>)
GES 1101	4		X	Or advisor approved introductory geology course
Gen Ed Wellness course	1			
Semester Two: [15 Credit Hours]				
RC 1000	3			May take fall or spring first year
MAT 1120	4		X	
GES 2250	4		X	
Integrative Learning Experience Course 1	3			
Gen Ed Wellness course	1			
Semester Three: [15 Credit Hours]				
CHE 1101 & CHE 1110	4		X	Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test scores</i>)
RC 2001	3			May take fall or spring sophomore year
GES 2751	2		X	
GES 2750	3		X	[WID] (<i>Pre: ENG 2001</i>)
MAT 2130	3		X	
Semester Four: [13 Credit Hours]				
CHE 1102 & CHE 1120	4		X	Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test scores</i>)
MAT 2240 or MAT 3130	3		X	
STT 2810	3		X	
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Semester Five: [14 Credit Hours]				
GES 3310 or CHE 3310	3		X	Offered Fall semester only
GES 3150	3		X	
GES 3220	3		X	
PHY 1150	5		X	
Semester Six: [14 Credit Hours]				
GES 3160 or PHY 3160	3		X	
GES 3715	3		X	
GES 3800	3		X	

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PHY 1151	5		X	
Semester Seven: [15 Credit Hours]				
GES 4630	3		X	
Geoscience Elective	3		X	Choose from courses in Geoscience Electives area on POS
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
GES 3455	3		X	
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Student must take and pass the Senior Comprehensive Exam during the senior year. See department office for information.				
Semester Eight: [13 Credit Hours]				
GES 4210	1		X	CAPSTONE
GES 4705	3		X	
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 3	3			
Statistics & Computational Elective	3		X	Choose from courses in Statistics & Computational Courses Area on POS
Summer Semester: [6 Credit Hours]				
GES 4835	6		X	Summer Field Course must be taken the summer before or after senior year. Pre-requisites of GES 3150, GES 3715 and GES 3800.

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

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

General Education Program Model - 44 Semester Hours Total

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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	
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:

- In order to graduate, B.S. Geology (Non-teaching) majors must pass comprehensive senior exams during the last semester.
- 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.
- Residency Requirements:
 - 30 hours must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU