

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: [14-15 Credit Hours]				
GES 1101	4		X	Or advisor approved introductory geology course
RC 1000	3			May take fall or spring first year
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
STT 2810 or STT 2820	3-4		X	
Gen Ed Wellness course	1			
Semester Two: [15 Credit Hours]				
GES 2250	4		X	
CHE 1101 & CHE 1110	4		X	Also meets Gen Ed Science Inquiry requirement (<i>PRE: MAT 1020 or equivalent test score</i>)
UCO 1200	3			May take fall or spring first year
Integrative Learning Experience Course 1	3			
Gen Ed Wellness course	1			
Semester Three : [15 Credit Hours]				
GES 2745	4		X	[WID] (Pre: RC 2001)
RC 2001	3			May take fall or spring of sophomore year
CHE 1102 & CHE 1120	4		X	Also meets Gen Ed Science Inquiry requirement (<i>PRE: MAT 1020 or equivalent test score</i>)
BIO 1802	4		X	<i>(Please contact the Biology department for prerequisite review.)</i>
Semester Four: [14 Credit Hours]				
GES 3025	3		X	
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>)
Evolutionary Component Elective 1	4		X	Choose course from Evolutionary Electives area on POS; Need 14 hours (4-5 courses)
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Semester Five: [16 Credit Hours]				
GES 3220	3		X	
MAT 1120	4		X	
PHY 1150	5		X	
Evolutionary Component Elective 2	4		X	Choose course from Evolutionary Electives area on POS; Need 14 hours (4-5 courses)
Semester Six: [13-14 Credit Hours]				
GES 3715	3		X	
GES 3800	3		X	
STT 3820 or STT 3850	3-4		X	

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Evolutionary Component Elective 3	4		X	Choose course from Evolutionary Electives area on POS; Need 14 hours (4-5 courses)
Semester Seven: [13 Credit Hours]				
GES 3150	3		X	
Evolutionary Component Elective 4	4		X	Choose course from Evolutionary Electives area on POS; Need 14 hours (4-5 courses)
Geology & Paleontology Elective 1	3		X	See Geology & Paleontology Electives area on POS for choices; A total of 6 hours (2 courses) required
Liberal Studies Experience Course 2	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: [13-14 Credit Hours]				
GES 4210	1		X	CAPSTONE
Geology & Paleontology Elective 2	3		X	See Geology & Paleontology Electives area on POS for choices; A total of 6 hours (2 courses) required
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 3	3			
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Free Elective	0-1			Take enough Free Electives to reach the minimum 120 required for the degree (including GES 4835)
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.

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General Education Program Model - 44 Semester Hours Total

Program Categories

First Year Seminar	Hours	Important Notes – <i>Be sure to check for Gen Ed courses required in your major</i>
Wellness Literacy	3	Can be taken first or second semester of freshman year
Quantitative Literacy	2	
First Year Writing	4	
Sophomore Writing	3	Can be taken first or second semester of freshman year
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 (Paleontology Concentration) majors must pass comprehensive senior exams during the last semester.
- 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