Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
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.				

Semester One: [15 Credit Hours]				
GES 1101	4		X	Or advisor approved introductory geology course
MAT 1110	4	C-	X	Also meets **Gen Ed Quantitative Literacy** requirement
RC 1000	3			May take fall or spring first year
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
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 *(PRE: MAT 1020 or equivalent test score)*
MAT 1120	4		X	
UCO 1200	3			May take fall or spring first year
Semester Three: [15 Credit Hours]				
GES 2750	3		X	**[WID]**
GES 2751	2		X	
CHE 1102 & CHE 1120	4		X	Also meets Gen Ed Science Inquiry requirement *(PRE: MAT 1020 or equivalent test score)*
RC 2001	3			May take fall or spring of sophomore year
Integrative Learning Experience Course 1	3			
Semester Four: [15-16 Credit Hours]				
GES 3800	3		X	
GES Elective	3		X	Must be at or above 3000 level (excluding GES 3520)
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
CS/STT/Computing Elective 1	3-4		X	See course choices in **Computer Science, Computing, or Statistics** area on POS; At least 6 hours (2 courses) required
Semester Five: [15 Credit Hours]				
GES 3150	3		X	
GES 3220	3		X	
PHY 1150	5		X	
Liberal Studies Experience Course 3	3			
Gen Ed Wellness course	1			
Semester Six: [14-15 Credit Hours]				
GES 3715	3		X	

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Course Subject and Title	Credit Hours	Min. Grade Required	Included in Major GPA	Important Notes POS = Program of Study
PHY 1151	5		X	
CS/STT/Computing Elective 2	3-4		X	See course choices in **Computer Science, Computing, or Statistics** area on POS; At least 6 hours (2 courses) required
GES Laboratory Elective 1	3		X	Choose from choices in GES Laboratory/Field Electives on Program of Study; need 6 hours.
Semester Seven: [12 Credit Hours]				
GES Laboratory Elective 2	3		X	Choose from choices in GES Laboratory/Field Electives on Program of Study; need 6 hours.
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Free Elective	3			
Student must take and pass the Senior Comprehensive Exam during the senior year. See department office for information.				
Semester Eight: [11-13 Credit Hours]				
GES 4210	1		X	**CAPSTONE**
Free Elective	3			
Free Elective	3			
Free Elective	3			
Free Elective	2-3-*			*Take enough free electives to bring total hours to the minimum 120 hours 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.

General Education Program Model - 44 Semester Hours Total		
Program Categories	Hours	Important Notes – *Be sure to check for Gen Ed courses required in your major*
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	Can take fall or spring semester of second 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 (Non-teaching) majors must pass comprehensive senior exams during the last semester.
- A contract with a list of the approved Non-Geology Elective Courses MUST be filed with the College of Arts & Sciences Dean's Office no later than the end of the first semester of junior year.
- 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
- 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.