

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]				
RC 1000	3			May take fall or spring first year
UCO 1200	3			May take fall or spring first year
MAT 1110	4		X	Also meets Gen Ed Quantitative Literacy requirement
GLY 110X	4		X	Choose one intro course (1101, 1102, 1103, 1104, or 1105)
Gen Ed Wellness course	1			
Semester Two: [14 Credit Hours]				
STT 2810	3		X	
GLY 2250	4		X	
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation
Integrative Learning Experience Course 1	3			
Gen Ed Wellness course	1			
Semester Three : [17 Credit Hours]				
CHE 1101/1110	4		X	Also meets <b>Gen Ed Science Inquiry</b> requirement ( <i>PRE: MAT 1020 or equivalent test score</i> )
RC 2001	3			May take fall or spring of sophomore year
GLY 2745	4		X	<b>[WID]</b>
Associated Environmental Elective 1	3		X	Choose from choices in <b>Associated Environmental Electives</b> area on POS; A total of 12 hours (4 courses) is required; (ECO 2620 and PS 2130 may count as Liberal Studies Experience courses)
Liberal Studies Experience Course 2	3			HS or LS or FA or SS Designation
Semester Four: [16 Credit Hours]				
CHE 1102/1120	4		X	Also meets <b>Gen Ed Science Inquiry</b> requirement ( <i>PRE: MAT 1020 or equivalent test score</i> )
PHY 1103	4		X	
Associated Environmental Elective 2	3		X	Choose from choices in <b>Associated Environmental Electives</b> area on POS; A total of 12 hours (4 courses) is required;
Integrative Learning Experience Course 2	3			HS or LS or FA or SS Designation
Liberal Studies Experience Course 3	3			If Liberal Studies Experience complete, take Free Elective
Semester Five: [16-17 Credit Hours]				
GLY 3131	3		X	
GLY 3150	3		X	
GLY 3333	3		X	
Associated Environmental Elective 3	3		X	Choose from choices in <b>Associated Environmental Electives</b> area on POS; A total of 12 hours (4 courses) is required;
Cartography/GIS Course 1	3		X	Choose from choices in <b>Cartography &amp; Geographic Information Systems</b> area on POS; Total of 12 hours (4 courses) is required

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

GLY 3160	3		X	Pre-requisites: GLY 110X, PHY 1103 or PHY 1150, MAT 1110
GLY 3703	3		X	Pre-requisite: Completed Gen Ed Science Inquiry
GLY 3800	3		X	Pre-requisite: GLY 2250
Associated Environmental Elective 4	3		X	Choose from choices in <b>Associated Environmental Electives</b> area on POS; A total of 12 hours (4 courses) is required;
Cartography/GIS Course 2	3		X	Choose from choices in <b>Cartography &amp; Geographic Information Systems</b> area on POS; Total of 12 hours (4 courses) is required

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

GLY 4630	3		X	
GLY Elective Course 1	3		X	Choose from <b>Geology Electives</b> area on POS; Total of 6 hours required
Cartography/GIS Course 3	3		X	Choose from choices in <b>Cartography &amp; Geographic Information Systems</b> area on POS; Total of 12 hours (4 courses) is required
Liberal Studies Experience Course 4	3			If Liberal Studies Experience is complete, take Free Elective
Integrative Learning Experience Course 3	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]**

GLY 4210	1		X	<b>CAPSTONE</b>
GLY 4705	3		X	
Geology Elective Course 2	3		X	Choose from <b>Geology Electives</b> area on POS; Total of 6 hours required
Cartography/GIS Course 4	3		X	Choose from choices in <b>Cartography &amp; Geographic Information Systems</b> area on POS; Total of 12 hours (4 courses) is required
Free Elective	3-4*			*Take enough hours to reach the minimum 122 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 GLY 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	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	
<p>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.</p>		

**Additional Notes:**

- In order to graduate, B.S. Geology (Environmental Geology Concentration) majors must pass comprehensive senior exams during the last semester.
- 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)