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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	Include in Major GPA	Important Notes POS = Program of Study
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Semester One: [14 Credit Hours]

GES 1010	3		X	Offered Fall semesters only
GES 1101	4		X	
UCO 1200	3			May take fall or spring of first year (or LSE Course 1)
RC 1000	3			May take fall or spring of first year
Gen Ed Wellness Literacy Course	1			

Semester Two: [15 Credit Hours]

GES 2250	4		X	
BIO 1802	4	C	X	Permission required from BIO Department (or BIO 1801)
CHE 1101 & 1110	4		X	Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test score</i>)
Liberal Studies Experience Course 1	3			HS or LS or FA or SS Designation (or UCO 1200 if not taken in Semester One)

Semester Three: [15 Credit Hours]

GES 2750	3		X	[WID]
GES 2752	1		X	
MAT 1110	4	C-	X	Also meets Gen Ed Quantitative Literacy requirement (<i>Pre: MAT 1025 with minimum C- or passing calculus readiness test</i>)
CHE 1102 & 1120	4		X	Also meets Gen Ed Science Inquiry requirement (<i>Pre: MAT 1020 or equivalent test score</i>)
RC 2001	3			To be taken as a co-requisite with GES 2750

Semester Four: [15 Credit Hours]

Earth Science Concentration 1	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
PHY 1150	5		X	
Integrative Learning Experience Course 1	3			HS or LS or FA or SS Designation
Gen Ed Wellness Literacy Course	1			
Free Electives	3			

Semester Five: [15 Credit Hours]

GES 3455	3		X	Offered Fall semester only
GES 3310 or CHE 3310	3		X	Offered Fall semester only
GHY 3812	3		X	GHY 3812 requires prerequisite of GHY 2310 & 2812; see dept for help with prerequisites
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



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Semester Six: [16 Credit Hours]

Earth Science Concentration 2	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
Earth Science Concentration 3	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
STT 3850	4		X	
Integrative Learning Experience Course 3	3			
Liberal Studies Experience Course 3	3			

Semester Seven: [15 Credit Hours]

GES 4630	3		X	
Earth Science Concentration 4	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
Earth Science Concentration 5	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
Environmental Elective Course 1	3		X	Must choose courses from Environmental Electives area on POS; A total of 6 hours (2 courses) required
Free Electives	3			

Semester Eight: [15 Credit Hours]

GES 4105	1		X	CAPSTONE ; GES 4510 is an option for honors students
Earth Science Concentration 6	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
Earth Science Concentration 7	3		X	Must choose courses from Earth Science Core area on POS; A total of 21 hours (7 courses) required
Environmental Elective Course 2	3		X	Must choose courses from Environmental Electives area on POS; A total of 6 hours (2 courses) required
Liberal Studies Experience Course 4	3			HS or LS or FA or SS Designation
Free Elective	2			*Make sure to take enough Free Elective to earn the 120 hours required for the degree.

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 courses in GES and all courses in Major Requirements area on POS 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	Can be taken first or second semester of second year
Perspectives:	29	
Aesthetic	6 or 9	
Historical & Social	6 or 9	
Local to Global	6 or 9	
Science Inquiry	8	

Additional Notes:

- Study Abroad: Please see program director
- Summer courses: Please refer to the appropriate departmental policy for courses
- Students who wish to be eligible for Professional Geologist Licensure must take GES 2751, GES 3150, GES 3800 and an additional 3-hour GES course at the 3000 level or above.
- 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.
- THIS 4 YEAR PLAN IS AN EXAMPLE AND SHOULD BE MODIFIED DURING STUDENT ADVISING. PLEASE SEE ENVIRONMENT.APPSTATE.EDU FOR OTHER EXAMPLE 4-YEAR PLANS.
- 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