

**Area of Interest:** Biological/Physical Sciences & Agriculture

**Degree:** Associate of Science (AS)

**Pathway:** Geology

**Certificate:** AGEC-S

**College Catalog:** 2024-2025



**Program Location:** All Campuses

**Program Description:** Geology is the study of the Earth and geology majors learn about Earth's formation and properties including chemical, physical, and biological traits. Topics include oceans, atmosphere, climate, tectonics, seismology, paleobiology, and more.

**Contact Information:** [stem.advising@centralaz.edu](mailto:stem.advising@centralaz.edu)

**Area of Interest Website:** [centralaz.edu/areasofinterest](http://centralaz.edu/areasofinterest)

### Legend

**Bold Course**= Required Course

Recommended Course (**R**); see AGEC List, AZTransfer Major Guide, or an advisor for transfer options.

### AGEC Course list (Arizona General Education Curriculum).

Written Communication ( <b>WC</b> )	Oral Communication ( <b>OC</b> )	Arts/Humanities ( <b>AH</b> )	Social/Behavioral Science ( <b>SB</b> )
Lab Science ( <b>LS</b> )	Mathematics ( <b>M</b> )	Subject Option ( <b>SO</b> )	Transfer Option ( <b>TE</b> )

**Special Awareness Requirements** for transfer degrees met through courses on the AGEC Course list.

Cultural Awareness (**CU**)

Global/Historical Awareness (**GI/HI**)

Intensive Writing (**IW**)

### Semester 1: New Students-Find your suggested starting point for English/Reading & Math courses.

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	<b>ENG101 College Composition I</b>	3		
	M	<b>MAT221 Analytical Geometry &amp; Calculus I</b>	4		Math prerequisites may be needed. Consult with <a href="#">Academic Advisor</a> .
	SO	CHM151 General Chemistry I	4		<b>Prerequisite/Corequisite:</b> CHM090 Preparation for College Chemistry. Consult advisor for additional options.
	LS	GLG101 Physical Geology	4		
<b>Semester Credits:</b>			<b>15</b>	<b>Meet with your CAC advisor and plan your path!</b>	

### Semester 2

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	WC	<b>ENG102 College Composition II</b>	3		
	AH	Select an AGEC Arts & Humanities course	3		
	SO	CHM152 General Chemistry II	4		
R	TE	MAT231 Analytical Geometry & Calc II	4		
<b>Semester Credits:</b>			<b>14</b>	<b>Research Career and Transfer Opportunities!</b>	

### Semester 3

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	AH	Select an AGEC Art & Humanities course	3		
	SB	Select an AGEC Social & Behavioral course	3		
R	TE	PHY121 University Physics I: Mechanics	4		Fall Only
R	TE	MAT241 Analytical Geometry & Calc III	4		
	TE	Transfer Elective Option: Math, Science, Language Transfer Option	3		
<b>Semester Credits:</b>			<b>17</b>	<b>Apply for graduation and attend transfer events!</b>	

## Semester 4

		COURSE	CREDITS	SEMESTER/GRADE	NOTES
	SB	Select an AGECE Social & Behavioral course	3		
R	TE	PHY122 University Physics II: Electricity & Magnetism	4		Spring Only
	LS	GLG102 Historical Geology	4		
	TE	Transfer Elective Option: Math, Science, Language Transfer Option	4		
		<b>Semester Credits:</b>	<b>15</b>	<b>Finish Strong-don't get distracted before finals!</b>	
		<b>Total Degree Credits:</b>	<b>61</b>		

Arizona Resident Tuition for 2024-2025 is \$75 per credit hour; see [Paying for College](#). Financial aid may be available.

## Transfer Information

**AZTransfer: Geology Major Guide:** has a list of transfer programs at ASU, NAU, or UA.

Note: Some programs require a foreign language requirement (CAC offers Spanish or Sign Language).

**CAC University Transfer Center:** [centralaz.edu/transfer](http://centralaz.edu/transfer) FREE CAC transfer resources and assistance.

## Career Information

**CAC Career Center:** [centralaz.edu/career](http://centralaz.edu/career) FREE CAC career resources and assistance.

**O\*NET OnLine:** Visit [onetonline.org](http://onetonline.org) and search for:

### Occupations in Geology, including:

- Education needed for specific occupations
- Occupation tasks, knowledge, skills and abilities
- Salary/wages for specific occupations (\$)

**Note:** Use this Program MAP as a guide to choose courses with your advisor and track progress towards milestones and completion of program. Work with an advisor to customize your plan to align with your specific career and/or transfer goals.

**Part-Time Students:** Plans can be modified to fit the need of part-time students by adding more semesters.

**Student Name:**

**Advisor Name:**

**Student ID Number:** 880

**Date:**