

### GUIDED PATHWAY

The following sequence is the suggested pathway to complete the degree in two years. This sequence is based on satisfaction of all basic skills requirements and prerequisites and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your academic advisor for other options and to monitor your progress.

*Program Name: Geology, AS*

*Program Student Learning Outcomes (SLOs):*

1. Graduates will apply geological knowledge to everyday situations and global economy (2, 4)
2. Graduates will prepare, process, and present geological data (2, 3, 4, 5, 6).
3. Graduates will handle information in a range of different mediums, e.g. textual, numerical, oral, and graphical (2, 3, 4, 5, 6).
4. Graduates will build collaboration skills, problem solving skills and lateral thinking abilities (1, 2, 3, 5, 6).
5. Graduates will gain academic preparation and experience for further education in Geology related disciplines at University level (petroleum engineering, petroleum geophysics, earth sciences, hydrogeology, waste management, nuclear decommissioning, mineralogist, etc.) (2, 3, 4, 5, 6).

Courses – Asterisk (*) indicates required program courses	AGEC course?	Terms**	Credits
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***First Semester: FALL***

GLG 101*	YES	F, SP	4
CHM 151*	YES	F	4
ENG 101*	YES	F, SP, SU	3
MAT 221*	YES	F	4

***Second Semester: SPRING***

ENG 102*	YES	F, SP, SU	3
CHM 152*	YES	SP	4
PHY 115*	YES	SP	5
ENV 101	YES	F, SP, SU	4

***Third Semester: FALL***

SOC 131	YES	F, SP, SU	3
BIO 181	YES	F	4
PHY 116*	YES	F	5
PHI 101	YES	F, SP	3

***Fourth Semester: SPRING***

GLG 110	YES	F, SP, SU	4
GLG 102*	YES	SP	4
PSY 101	YES	F, SP, SU	3
MAT 231*	YES	SP	4
HUM 151	YES	SP	3

**Key:**

SP= Spring

F= Fall

SU= Summer

1. Aesthetic Sensibilities: An awareness of creative expression in the world around us.
2. Communication Skills: The ability to effectively convey meaning through various media on both personal and professional levels.
3. Critical Thinking Skills and Problem-Solving: The ability to analyze data and arrive at logical and defensible conclusions.
4. Cultural Diversity and Global Awareness: An appreciation of relationships and differences in values, customs, and norms of diverse global communities.
5. Techniques of Inquiry: Use of standardized methodological framework to collect, analyze, interpret, and present findings.
6. Technological Competency: A proficiency in evolving technology to compete and flourish in society.

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**Total credits****64**

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**Optional Courses:****Elective Options: 3-4**

After consulting with a student services specialist, choose 3-4 transferrable\* credits from the Course Equivalency Guide excluding courses already used for the AGECS. Please choose the **Mohave Community College** link.

\*A transferrable course is defined as an MCC course that transfers to all three Arizona state universities (Arizona State University, Northern Arizona University, and University of Arizona).

\*\* terms not guaranteed