

GEOLOGY

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Associate of Science Degree

AS-SR 80703

Advisor: David Morris

The following curriculum will meet the lower-division requirements of most four-year schools in Geology. Upon satisfactory completion of the course work outlined below and graduation with an AS degree from Eastern Arizona College, you may enter upper-division work in any one of several earth science related fields, including general geology, geochemistry, hydrology and geophysics. Since program requirements differ between universities, the official transfer pathway (<https://aztransmac2.asu.edu/cgi-bin/WebObjects/ATASS.woa/wa/MajorGuidesNavAZ?School=EAC>) of the school which you plan to attend upon leaving EAC should be consulted in order to adjust this program to your personal needs.

You should have a firm background in mathematics (including algebra, geometry, and trigonometry) and chemistry. Physics is helpful. A deficiency in any of the above areas may necessitate refresher courses before pursuing a geology curriculum.

Curriculum Requirements

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|--|------------------------|-----------|
| GLG 101 | Physical Geology | 4 credits |
| GLG 102 | Historical Geology | 4 credits |
| MAT 230 | Calculus II | 4 credits |
| MAT 240 | Calculus III | 4 credits |
| MAT 260 | Differential Equations | 4 credits |
| Total Curriculum Requirements - 20 credits | | |

General Education Requirements

AGEC-S. To complete your General Education requirements, one of the courses taken to fulfill degree requirements must be designated as an Intensive Writing/Critical Inquiry course (IW), Global/International/Historical Awareness (GIH) course, and Diversity and Inclusion (DI) course. Note that a single course may fulfill more than one of the requirements.

Composition

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|---------|---------------------------|-----------|
| ENG 101 | Written Communications I | 3 credits |
| ENG 102 | Written Communications II | 3 credits |

Mathematics

| | | |
|---------|------------|-----------|
| MAT 220 | Calculus I | 5 credits |
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Lab Science

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| CHM 151 | General Chemistry I | 4 credits |
| CHM 152 | General Chemistry II | 4 credits |
| PHY 211 | Physics with Calculus I | 5 credits |
| PHY 212 | Physics with Calculus II | 5 credits |

Humanities

Select from Humanities list here. Choose courses from more than one department and one course must be in the Fine Arts. 6 credits

Social Sciences

Choose from Social Sciences list here. Choose courses from more than one department. 6 credits

Courses listed in Curriculum Requirements that qualify for General Education credit (see the General Education section of the catalog) may fulfill both General Education and Curriculum Requirements unless General Education Requirements are specified in the major.

Elective Requirements

Select from the Elective or Better list [here](#) or choose electives from the list of courses in the Arizona Higher Education Course Equivalency Guide (CEG) located at <https://aztransmac2.asu.edu/cgi-bin/WebObjects/CEG>. Scroll to the bottom and select Elective or Better Report under CEG Reports and information. Click on Eastern Arizona College. If you plan to transfer to any University other than the three Arizona State Universities, consult with an advisor from the school as you make your selections.

An introductory computer course is highly recommended.

Language proficiency demonstration – check University Transfer Guides to see if they have a language proficiency requirement. If so, select courses that will satisfy the language proficiency requirement.

In addition to completing the required courses listed above with a grade of "C" or better, you must meet the following general graduation requirements to obtain this degree:

- Complete at least 16 degree credits at Eastern Arizona College.
- Attain a cumulative grade point average of 2.00 or higher.
- File a Graduation Petition through your Gila Hank Online account at least 60 calendar days prior to the end of the semester in which graduation is anticipated.
- Remove any indebtedness to the College.