

Requirements for the Geological Sciences Minor

A minor in Geological Sciences is awarded to students who complete a minimum of 21 hours of geological science courses.

The following courses are required, totaling 15 credit hours:

GLG 101 Introduction to Geology I (Physical) SQ¹, G (3)
GLG 102 Introduction to Geology II (Historical) SG², H (3)
GLG 103 Introduction to Geology I-Laboratory SQ¹ (1)
GLG 104 Introduction to Geology II-Laboratory SG² (1)
GLG 310 Structural Geology (3)
GLG 321 Mineralogy (3)
GLG 400 Geology Colloquium (1)

Additional requirements:

- Six credits of geological sciences electives. These credits may be chosen among upper-division geological sciences courses after consultation with a SESE advisor. Students may not repeat the GLG 400 Geology Colloquium to use towards elective credit hours.

¹Both GLG 101 and 103 must be taken to secure SQ credit.

²Both GLG 102 and 104 must be taken to secure SG credit.

ADVISING PROCEDURES

The DARS system will be used for tracking student progress and verifying completion of the minor. All students will be required to meet with an academic advisor in the School of Earth and Space Exploration (SESE) to declare the minor and confirm that the requirements are being met. SESE requires students to fill out the Change in Academic Program/Plan form at the following website to indicate the addition of a minor: <https://clas.asu.edu/students/forms>. Once the form has been filled out, the student's major advisor can officially add the minor for the student.

Transfer coursework must be evaluated by a SESE advisor before it can be applied toward the minor requirements. Students are limited to how many transfer credits they can apply to the minor. **Note: students cannot double count courses in their minor toward the CORE classes in their major. Therefore certain combinations of majors and minors are not permitted.**

Geological Sciences Minor Check sheet

Course	Title	Pre-requisites	Offered
GLG 101	Physical Geology		F/S/SS
GLG 102	Historical Geology		F/S
GLG 103	Physical Geology Lab		F/S/SS
GLG 104	Historical Geology Lab	Pre- or Co-req GLG102	F/S
GLG 310	Structural Geology	GLG101 or SES101; MAT170, 210 or 251 C or better	F
GLG 321	Mineralogy	CHM113 or 114; MAT170 (or higher); both with C or better	S
GLG 400	GLG Colloquium		F/S
GLG elective	Must be upper division		
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*Substitutions must be approved by an advisor

F=Fall; S=Spring; SS=Summer Session