

**Colorado State University
Department of Geosciences
Minor in Geology**

Name: _____

CSU ID: _____

Major: _____

The Minor in Geology is open to students in all majors except Geology and is designed to provide a brief curriculum in Geosciences to enhance the student's degree program. Students must complete 8 credits of introductory Geology coursework and 13 credits of additional Geology coursework, with a minimum of 12 credits of coursework at the 300-400 level.

Please note that additional pre-requisite courses may be required to complete Geology coursework.

Required Courses for the Geology Minor	
GEOL 120: Exploring Earth: Physical Geology (or GEOL 110 or 122 or 124)	_____ 3 credits
AND	
GEOL 121: Introductory Geology Lab	_____ 1 credit

OR	
GEOL 150: Physical Geology for Scientists and Engineers (Fall)	_____ 4 credits
GEOL 154: Historical and Analytical Geology (Spring)	_____ 4 credits
Must Complete 13 Additional Credits (minimum of 12 credits at 300-400 level)	
Course: _____ Credits: _____	Total Additional Credits (minimum of 13 required): _____ <small>*A maximum of two credits may be satisfied by GEOL 384, 401, 492, 494, or 498, of which only one credit may be for GEOL 401.</small> Total Upper Division Credits (minimum of 12 required): _____
Course: _____ Credits: _____	
Course: _____ Credits: _____	
Course: _____ Credits: _____	
Course: _____ Credits: _____	

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Suggested Geology Course Groupings

Students may select any Geology courses to fulfill minor requirements. Below are some example course sequences. Please note these are examples of how students may complete the minor, and many variations are possible. *A maximum of two credits may be satisfied by GEOL 384, 401, 492, 494, or 498, of which only one credit may be for GEOL 401.*

Group 1		Group 2	
GEOL 232: Mineralogy	3 credits	GEOL 344: Stratigraphy and Sedimentology	4 credits
GEOL 344: Stratigraphy and Sedimentology	4 credits	GEOL 446: Environmental Geology	3 credits
GEOL 364: Igneous and Metamorphic Petrology	4 credits	GEOL 452: Hydrogeology	4 credits
GEOL 372: Structural Geology	4 credits	GEOL 454: Geomorphology	4 credits
<i>Additional Prerequisite courses required for this grouping: CHEM 111, PH 121 or 141, MATH 124 and 125</i>		<i>Additional Prerequisite courses required for this grouping: CHEM 111, PH 121 or 141, MATH 161 or 255, STAT 301 or 307 or 315</i>	
Group 3		Group 4	
GEOL 250: The Solid Earth	3 credits	GEOL 232: Mineralogy	3 credits
GEOL 344: Stratigraphy and Sedimentology	4 credits	GEOL 364: Igneous and Metamorphic Petrology	4 credits
GEOL 372: Structural Geology	4 credits	GEOL 366: Sedimentary Petrology and Geochemistry	4 credits
GEOL 442: Applied Geophysics	4 credits	GEOL 454: Geomorphology	4 credits
<i>Additional Prerequisite courses required for this grouping: PH 141 and 142, MATH 124, 125, and 161</i>		<i>Additional Prerequisite courses required for this grouping: CHEM 111 and 113, STAT 301 or 307 or 315, MATH 124</i>	
Group 5			
GEOL 344: Stratigraphy and Sedimentology			4 credits
GEOL 401: Geology of the Rocky Mountain Region			1 credit
GEOL 452: Hydrogeology			4 credits
GEOL 454: Geomorphology			4 credits
<i>Additional Prerequisite courses required for this grouping: MATH 161 or 255, PH 121 or 141, STAT 301 or 307 or 315</i>			