EARTH SCIENCES MINOR

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Faculty

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The Earth Sciences provide insights into some of humanity's deepest questions. How was the planet Earth, our lifeboat in space, formed? What are the processes that have shaped the Earth - its surface and internal structure? How has life, of which humanity is a part, evolved? Why are there earthquakes, volcanoes, mountain chains, continents, and oceans? How has the surface of the Earth and its environments changed through time?

The department of Earth and Environmental Sciences welcomes majors from all departments to pursue this minor. Students with majors in other areas may find that a minor in Earth Sciences provides a flexible way to satisfy their curiosity about our planet and can be an asset for those competing for admission to professional schools such as law and medicine. Alternatively, if you are a science major in Biology, Chemistry or Physics, you can use this minor to explore the application of your field to the Earth (e.g., geobiology, geochemistry or geophysics).

Student Learning Outcomes

1. Explain process-based linkages among tectonics, climate, and life as illustrated by the Earth system over time.
2. Understand the importance of Earth Science in society.
3. Effectively synthesize published literature related to geological sciences in a written report and/or a data product

Requirements for Minor in Earth Sciences

To complete a minor in Earth Sciences, students must take 20 credits in Earth Sciences which include:

Code	Title	Credits
Introductory Earth Science Courses		
EAR 105	Earth Science	4
& EAR 104	and Earth Sciences Laboratory	
or EAR 203	Earth System Science	
Note: EAR 104 must be taken concurrently with EAR 105		
Sequence Earth Science Course		
EAR 210	History of Earth and Life	4
Department Electives		
Select at least 12-credits of any upper-division EAR courses.		12
Total Credits		**20**