

EARTH AND PLANETARY SCIENCE MINOR

Department of Environmental Studies and Science (<https://catalog.washcoll.edu/catalog/departments-programs/environmental-science-studies/>)
Division and Natural Science and Mathematics

The Earth and Planetary Science minor gives students a broad understanding of processes that formed and modified the Earth and other planets in the solar system. The curriculum introduces a wide range of topics, from surface phenomena such as weather and climate, to the Earth's internal composition and dynamics. Transcending the boundaries of traditional geological studies, the Earth and Planetary Science program focuses on the way large Earth systems such as the lithosphere, hydrosphere, and atmosphere interact and evolve. Further emphasis is placed on the fundamental physical and chemical laws that govern the cycling of matter and energy on the Earth. Together, these complementary approaches help to provide students with a comprehensive view of the planet's origin and evolution, as well as an enlightened appreciation for the forces at work in our natural environment.

Code	Title	Credits	Notes
Core Courses		20	
ENV 140	Exploring the Solid Earth with Lab		
ENV 141	Atmosphere, Ocean & Environment w/Lab		
ENV/PHY 240	Earth and Planetary Systems with Lab		
MAT 111 or MAT 106 & MAT 107	Differential Calculus Stretch Differential Calculus I and Stretch Differential Calculus II		
ANT/ENV 109	Intro to Geographic Information Systems		
Select 1 Course From Below		4	
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principles Orgnc Molecules Lab		
ENV 320	Climate Change		
PHY 111	General Physics I with Lab		
Total Credits		24	

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