

ENVS 200 Introduction to Soil Science (3 credits) & ENVS 201 Soils Laboratory (1 credit)*

Summer 2025 (Seven Week - First)

INSTRUCTOR: Adela Maria Reynoso

LOCATION & TIME: Asynchronous online (5/19 to 7/3)

***ENVS 201 requires ENVS 200 as a pre- or co-requisite.**

However, ENVS 200 does not require ENVS 201 enrollment as a pre- or co-requisite.



SCOPE:

Soils are vital to terrestrial life on Earth and a critical component of many environmental issues. As the interface between the atmosphere, lithosphere, hydrosphere and biosphere, soils help create a hospitable environment for humans, animals and plants. Consequently, understanding how soils work and how to manage them is key to sustainable environmental stewardship. This course will approach soils as complex systems with unique functions and behaviors arising from soils' interacting chemical, physical and biological components.

OBJECTIVES:

1. Elucidate how soils behave as natural systems with interacting physical, chemical, and biological components.
2. Explain how soil formation factors affect soil properties and their connection to the soil classification system.
3. Instill a sensitive awareness of the importance of soil to humans and overall Earth system functioning

FOR FURTHER INFORMATION, PLEASE CONTACT:

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