

ENVIRONMENTAL SOIL SCIENCE, CERTIFICATE

The Environmental Soil Science Certificate is a gateway to understanding the dynamics of Earth's thin living skin. Soil is where the atmosphere, lithosphere, and hydrosphere connect and is pivotal in shaping ecosystems' biodiversity, health, and resilience. Mastery of soil properties, processes, and distribution is necessary for addressing pressing environmental challenges, including food and energy security, water quality protection, climate change, and ecosystem health.

This certificate equips students with a holistic understanding of soil and its intersection with environmental issues. Rooted in a foundational soil science course, students delve into thematic areas, forming connections between soils and various environmental domains.

Designed as a launchpad, this certificate empowers students to pursue careers and certification in the field of soil science, opening doors for employment in the public and private sectors. Our dedicated advisors will guide students in selecting courses tailored to prepare them for their journey toward expertise in soil science and environmental stewardship.