

SOIL 535. SOIL ECOLOGY.

Credits: 3

Offered by: Natural Resource Sciences (Faculty of Agric Environ Sci)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

Description

Exploration of the unique soil habitat for organisms with a focus on the variables that affect the abundance, diversity and interactions of soil biota and, in turn, their influence on soil physicochemical properties, biogeochemical cycles and other factors impacting ecosystem sustainability. Topics include survey of soil fauna, soil food webs, microbial ecology, biological carbon and nitrogen cycling, plant-soil interactions, and the effects of human activities and management on soil ecology, including synthesizing concepts and a critical analysis and interpretation of primary scientific literature in soil ecology.

- 3 lectures and one 3-hour lab
- Prerequisite(s): ENVB 210 or GEOG 305 or SOIL 326 or permission of instructor.
- Restrictions: Not open to students who have taken SOIL 335.
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Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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