

SOIL RESOURCES MINOR (417)

College of Food, Agricultural,
and Environmental Sciences
The Ohio State University

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A minor in soil resources is useful for students majoring in agriculture who plan to seek employment in areas of agricultural production, marketing, management, and conservation, i.e., areas in which decision-making requires a basic understanding of soils. This minor is available to limited majors in the College of Food, Agricultural and Environmental Sciences and the School of Environment and Natural Resources (see restrictions below). The minor is also valuable for students in the Arts and Sciences and other students who would like to understand the fate of chemicals and waste products that are applied to or buried in the soil. For students in Geology, Geography, Anthropology, and Archeology, this minor will provide background information for identifying and understanding soils and the climate and processes under which they formed. Since soil is the basic resource on which civilizations are built, students in an international program, or who are interested in working in developing countries of the world, will acquire a background in soils that will help them relate to the economic and political problems of these developing countries.

A Soil Resources minor consists of 23-25 hours chosen as follows:

Required: 10 hours

		Credit hours
ENR 300.01 ♦	Soil Science	3
ENR 300.02 ♦	Soil Science Laboratory	2
ENR 550	Pedology	5

Required Electives: 13-15 hours

H&CS 660*	Soil Microbiology	5
ENR 442	Soil Management	5
ENR 540	Urban and Sports Turf Soils	3
ENR 580	Soil Fertility and Fertilizers	3
ENR 645	Soils of the Tropics	3
ENR 650	Advanced Soil Classification Morphology and Genesis	5
ENR 671*	Soil Physics	5
ENR 675*	Environmental Fate and Impact of Contaminants in Soil and Water	3
ENR 680*	Soil Processes and Environmental Quality	5
ENR 693	Individual Studies	3

*Prerequisites are required.

♦Students using ENR 300.01 and/or 300.02 for a major or GEC requirement must select an additional five hours of ENR curriculum (200 level or above) to satisfy the minor requirements.

Restrictions and General Information

1. This minor is not available to students majoring in Agronomy, Crop Science, Plant Health Management, Turfgrass Science or Soil Science.
2. A minimum overall CPHR for courses comprising the minor shall be 2.0.
3. A minor should be declared at the time a student accumulates 90 hours.
4. A maximum of five credit hours may overlap between the minor and the GEC (foundations, natural sciences, arts and humanities and social sciences).
5. Courses taken on a pass/non pass basis may not be applied to the minor.