

Soils 761: Soil Management for Environmental Sustainability

Soil-Ecosystem Interactions

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Course Description: Read about and discuss the influence of soil and its management on various ecosystems and organisms. 1hr Lecture/Discussion per week.

Students completing this course will be able to:

1. Describe the influence of soil physical, chemical, and biological properties on various ecosystems.
2. Assess the complexity of various management practices and their impacts on soil and ecosystems.
3. Lead discussion across disciplines on topics pertaining to ecosystem management and soil.

Texts:

We will primarily use journal articles as our text in this class.
There will also be various handouts and links to online resources.

Evaluation

Students' grades will be determined as follows:

Leading Discussion	200 points	(5 @ 40 points each)
Participation in Group Discussion	200 points	
Final Exam	100 points	(Oral Exam)

Expect the **A, B, C, etc...** breakdown to follow the **90, 80, 70, etc...** percent of total points earned with +/- grading used. This is a Writing Emphasis credit course.

Cheating and/or plagiarism will not be tolerated. You may work together in class discussions, but you will do all assignments and exams independently as per Chapter 14 of the Student Handbook.

Discussion Topics:

- Soil Formation
- Soil and Ecosystems
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Student Topics
- Professor Picks Topic
- Final Exam