

COURSE DETAIL

SOIL SCIENCE

Country

Ireland

Host Institution

Trinity College Dublin

Program(s)

Trinity College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

105

UCEAP Course Suffix**UCEAP Official Title**

SOIL SCIENCE

UCEAP Transcript Title

SOIL SCIENCE

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This course covers the fundamental concepts of soil formation and characterization, and examines how soil characteristics influence plant distribution and productivity through water and nutrient availability. It looks at how soil organisms (bacteria, fungi) interact with plants, and how soils influence global biogeochemical cycles (carbon and nitrogen). Particular focus is given to the role of soils in the production of food, fuel, and fiber and how sustainable land management practices are required to ensure the long-term health and fertility of soil systems.

Language(s) of Instruction

English

Host Institution Course Number

BOU33123

Host Institution Course Title

SOIL SCIENCE

Host Institution Campus

Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Botany

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