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 Course Details
https://www.tcd.ie/Botany/assets/pdf/undergraduate/JS%20ES%20Course%20Handbook%...

Host Institution Campus
Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Botany

Course Last Reviewed
2019-2020

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