

COURSE DETAIL

PLANT SCIENCE

Country

Australia

Host Institution

University of Sydney

Program(s)

University of Sydney

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Biological Sciences

UCEAP Course Number

122

UCEAP Course Suffix**UCEAP Official Title**

PLANT SCIENCE

UCEAP Transcript Title

PLANT SCIENCE

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course explores major concepts, discoveries, and controversies in the plant sciences. Lectures examine the mechanisms plants employ to adapt and acclimate to the environment. Topics include growth and development, acquisition of resources such as light and nutrients, perception and response to signals, and interactions of plants with other organisms. Emphasis is placed on integration of plant responses from molecular to whole plant scales. There is a focus on recent research that has been critical in enhancing our current understanding of plant biology. Lectures are augmented by experimental work.

Language(s) of Instruction

English

Host Institution Course Number

BIOL3043

Host Institution Course Title

PLANT SCIENCE

Host Institution Campus

sydney

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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