

## 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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