

# COURSE DETAIL

## PLANTS AND ENVIRONMENT

**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**

118

**UCEAP Course Suffix****UCEAP Official Title**

PLANTS AND ENVIRONMENT

**UCEAP Transcript Title**

PLANTS&ENVIRONMENT

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course examines the physiological processes controlling plant growth and reproduction and how they are linked to environmental constraints. Students analyze the relationship between tissue and cellular structure and their underlying role in physiological and metabolic activities, particularly processes involving light capture, photosynthesis, water regulation, nutrient management, and metabolite redistribution. Experimentation and analysis of plant physiological processes helps students develop a skill base and greater appreciation of common plant processes.

**Language(s) of Instruction**

English

**Host Institution Course Number**

BIOL2031

**Host Institution Course Title**

PLANTS AND ENVIRONMENT

**Host Institution Campus**

sydney

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Biological Sciences

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