

# COURSE DETAIL

## FUNDAMENTALS OF PLANT BIOLOGY

**Country**

Singapore

**Host Institution**

National University of Singapore

**Program(s)**

National University of Singapore

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

118

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

FUNDAMENTALS OF PLANT BIOLOGY

**UCEAP Transcript Title**

FUNDMNTLS PLANT BIO

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course introduces students to contemporary plant biology. It focuses on the flowering plants (angiosperms), one of the most successful plant groups that sustains all life on earth, and examines how they are organized, grow, and respond to the environment. A major theme the course highlights is that plant growth is highly dynamic – plants control growth and development through integrating intrinsic and external signals to best adapt to the changing surroundings. The concepts and techniques of gene manipulation for studying plants, as well as their applications in plant biotechnology, are also discussed.

### Language(s) of Instruction

English

### Host Institution Course Number

LSM2254

### Host Institution Course Title

FUNDAMENTALS OF PLANT BIOLOGY

### Host Institution Course Details

<https://nusmods.com/courses/LSM2254/fundamentals-of-plant-biology>

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Biological Sciences

### Course Last Reviewed

2023-2024

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