

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

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