

# COURSE DETAIL

## PLANT GROWTH AND DEVELOPMENT

**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**

150

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

PLANT GROWTH AND DEVELOPMENT

**UCEAP Transcript Title**

PLANT GROWTH & DEV

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

This course provides an overall view on growth and development of higher vascular plants through their life cycles. Discussion includes selected topics in gamete development, fertilization, embryo development, seed germination, development of various plant organs and flowering, the role of plant growth regulators, and the cellular, physiological and molecular basis of plant morphogenesis. The molecular genetic mechanisms of various stages of plant development are discussed.

**Language(s) of Instruction**

English

**Host Institution Course Number**

LSM4251

**Host Institution Course Title**

PLANT GROWTH AND DEVELOPMENT

**Host Institution Course Details****Host Institution Campus****Host Institution Faculty****Host Institution Degree****Host Institution Department**

Biological Sciences

**Course Last Reviewed**

[Print](#)