

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

Biological Sciences

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