

# COURSE DETAIL

## BIOLOGICAL IMAGING OF GROWTH AND FORM

**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**

134

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

BIOLOGICAL IMAGING OF GROWTH AND FORM

**UCEAP Transcript Title**

BIOLOGICAL IMAGING

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

**Course Description**

Growth and form are fundamental to all living organisms, crucial to health and diseases. Development in imaging methods and tools has transformed biological and biomedical sciences. This course introduces basic concepts in imaging and their applications. The major topics include: basic optics, light and electron microscopy, fluorescence and related methods. The course offers an introduction of each imaging technology linked with a set of biological problems of fundamental interests and biomedical implications.

**Language(s) of Instruction**

English

**Host Institution Course Number**

LSM3234

**Host Institution Course Title**

BIOLOGICAL IMAGING OF GROWTH AND FORM

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

Biological Sciences

**Course Last Reviewed**

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