

## COURSE DETAIL

### SYNTHETIC 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**

131

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

SYNTHETIC BIOLOGY

**UCEAP Transcript Title**

SYNTHETIC BIOLOGY

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provides basic principles to the engineering of biology with emphasis on the design and construction of synthetic gene circuits in living cells. The course also discusses current and emerging applications driven by synthetic biology, and the socio-ethical responsibilities that are required of synthetic biologists.

### Language(s) of Instruction

English

### Host Institution Course Number

LSM3246

### Host Institution Course Title

SYNTHETIC BIOLOGY

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Biological Sciences

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