

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 Course Details

<http://www.lifesciences.nus.edu.sg/modules/lsm/LSM3246.pdf>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biological Sciences

Course Last Reviewed

2023-2024

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