

COURSE DETAIL

CELL 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

103

UCEAP Course Suffix**UCEAP Official Title**

CELL BIOLOGY

UCEAP Transcript Title

CELL BIOLOGY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides a comprehensive understanding of sub-cellular structures, functions and interactions in unicellular and multi-cellular systems. Emphasis is on cellular functions. Topics include structures and functions of organelles, organelle biogenesis (including organelle inheritance and import of proteins into organelles), intracellular protein trafficking, the cytoskeleton, and cell movements. In addition, students will be introduced to the current concepts of intercellular and intracellular signalling, molecular basis of cell proliferation and apoptosis.

Language(s) of Instruction

English

Host Institution Course Number

LSM2233

Host Institution Course Title

CELL BIOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biochemistry

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