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 Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biochemistry

Course Last Reviewed
2023-2024

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