COURSE DETAIL

CELL BIOLOGY

Country
Japan

Host Institution
International Christian University

Program(s)
International Christian University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Biological Sciences

UCEAP Course Number
110

UCEAP Course Suffix

UCEAP Official Title
CELL BIOLOGY

UCEAP Transcript Title
CELL BIOLOGY

UCEAP Quarter Units
2.50

UCEAP Semester Units
1.70

Course Description

This course focuses on the Eukaryotic cell structure, its basic components, and their functions. Eukaryotic cells are characterized by membrane-bound compartments called Organelles. The class focuses on Organelles, Membrane Structure and Composition, Membrane Transport, Vesicles Trafficking, and Cell Energy, applying these basic ideas to current biological questions. For instance, the class will relate dysfunctions in various cellular processes to human diseases. Furthermore, the course covers methods utilized by researchers to uncover current information about Eukaryotic cells.

This course is recommended to be taken after FOUNDATION OF BIOLOGY or INTRODUCTION TO BIOLOGY.

Language(s) of Instruction
English

Host Institution Course Number
BIO212E

Host Institution Course Title
BASIC CONCEPTS IN CELL BIOLOGY

Host Institution Course Details
https://campus.icu.ac.jp/public/ehandbook/PreviewSyllabus.aspx?regno=11138&year...

Host Institution Campus
International Christian University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Biology

Course Last Reviewed
2023-2024

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