

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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