# COURSE DETAIL

## APPLIED BIOLOGICAL CHEMISTRY

**Country**
Japan

**Host Institution**
Tohoku University

**Program(s)**
Engineering and Science

**UCEAP Course Level**
Upper Division

**UCEAP Subject Area(s)**
Biochemistry

**UCEAP Course Number**
100

**UCEAP Course Suffix**
V

**UCEAP Official Title**
APPLIED BIOLOGICAL CHEMISTRY

**UCEAP Transcript Title**
APPLIED BIO CHEM

**UCEAP Quarter Units**
3.00

**UCEAP Semester Units**

2.00

**Course Description**

This course studies the fundamentals and recent progress in molecular biology, cell biology, and physiology with plants, animals, and microbes, as well as chemistry of biologically active natural products.  The class features weekly lectures from professors and associate professors, providing an introduction to their specific research fields. The course aims to provide the background knowledge in the life sciences for agricultural and industrial applications, as well as the basic principles of biochemistry and biotechnology.

**Language(s) of Instruction**
English

**Host Institution Course Number**
N/A

**Host Institution Course Title**
APPLIED BIOLOGICAL CHEMISTRY

**Host Institution Course Details**
https://www.insc.tohoku.ac.jp/english/wp-content/uploads/2025/04/ABG3037_Applie...

**Host Institution Campus**
Tohoku University

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
JYPE

**Course Last Reviewed**
2024-2025

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