COURSE DETAIL

CHEMICAL AND BIOMOLECULAR ENGINEERING
Country Japan
Host Institution Tohoku University
Program(s) Engineering and Science
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Chemical Engineering Bioengineering
UCEAP Course Number 102
UCEAP Course Suffix A
UCEAP Official Title CHEMICAL AND BIOMOLECULAR ENGINEERING
UCEAP Transcript Title CHEM BIOMOLEC ENGR
UCEAP Quarter Units 3.00
UCEAP Semester Units

2.00

Course Description

The material world is surrounded by a large number of chemical products manufactured with various types of materials including organic, inorganic and their composite materials. Even in the human body, biological materials are constantly being produced with the help of specialized enzymes and biochemical reactions. This coures provides chemistry-oriented topics concerned with the development of functional materials in various areas of engineering.

This course covers basic aspects of chemical production, with special emphasis on environmentally friendly methodologies for the synthesis of fine chemicals and advanced materials.

Language(s) of Instruction
English

Host Institution Course Number
N/A

Host Institution Course Title
CHEMICAL AND BIOMOLECULAR ENGINEERING I

Host Institution Course Details
https://www.insc.tohoku.ac.jp/english/wp-content/uploads/2024/04/TB37091.pdf

Host Institution Campus
Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department
JYPE

Course Last Reviewed
2023-2024

Print