

## COURSE DETAIL

### BIOPHARMACEUTICAL INDUSTRY

**Country**

Taiwan

**Host Institution**

National Taiwan University

**Program(s)**

National Taiwan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biochemistry

**UCEAP Course Number**

114

**UCEAP Course Suffix****UCEAP Official Title**

BIOPHARMACEUTICAL INDUSTRY

**UCEAP Transcript Title**

BIOPHARM INDUSTRY

**UCEAP Quarter Units**

3.00

**UCEAP Semester Units**

2.00

## Course Description

The course has four main focuses. It begins with an overview of the biotechnology and pharmaceutical industry with introduction on the biotech-pharmaceutical industry, market overview, and aspects of drug development. Second, the course offers an introduction of drug development focusing on small-molecule drug/anticancer drug, drug development and translational research, antibody and plant drug development, and immunotherapy. The third section is on research and development: preclinical, focusing on animal application, pharmacokinetics, pre-formulation and formulation development of new drugs, clinical trials, small molecule drug development. The final section covers industry business outline focusing on the biotech industry, biomedical research, development of patent protection, biotech economy.

## Language(s) of Instruction

Chinese

## Host Institution Course Number

BST5029

## Host Institution Course Title

INTRODUCTION TO PRACTICES IN BIOPHARMACEUTICAL INDUSTRY

## Host Institution Course Details

<https://ceiba.ntu.edu.tw/1041BST5029>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Biochemical Science and Technology

## Course Last Reviewed

2022-2023

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