

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biochemical Science and Technology

[Print](#)