

COURSE DETAIL

BIOTECH PHARMACEUTICAL INDUSTRY

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Chemistry Bioengineering

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

BIOTECH PHARMACEUTICAL INDUSTRY

UCEAP Transcript Title

BIOTECH PHARM INDUS

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

The course gives an introduction of the biotech pharmaceutical industry and also focuses on the development of biotech medicine, small molecule drug, protein drug, and regulations and business aspects of the industry. Course topics: Biotech Pharmaceutical Industry Overview, Biotechnology entrepreneurship and investment, biotech medicine business success stories, business development strategy of biotech pharmaceutical industry, gene decoding's impact on development of biotech medicine, nanotechnology in biotechnology applications and challenges, intellectual property rights and management, small molecule drug development, protein drug development, clinical trials and regulations, pharmaceutical production and regulations, biotech business enterprises. The course consists of weekly lecture, a midterm, and a final. The course is conducted in Chinese, but uses an English textbook.

Language(s) of Instruction

Host Institution Course Number

Chem5102

Host Institution Course Title

FROM LABORATORY TO BEDSIDE--AN INDUSTRIAL PERSPECTIVE

Host Institution Course Details

<https://ceiba.ntu.edu.tw/1041Chem5102>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Chemistry

Course Last Reviewed

2022-2023

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