

## 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

BIOTECH PHARMACEUTICAL INDUSTRY

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Chemistry

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