

COURSE DETAIL

EXPLORING TAIWAN: AGRICULTURAL AND FOOD BIOTECHNOLOGY

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Asian Studies Agricultural Sciences

UCEAP Course Number

11

UCEAP Course Suffix**UCEAP Official Title**

EXPLORING TAIWAN: AGRICULTURAL AND FOOD BIOTECHNOLOGY

UCEAP Transcript Title

AGR FOOD BIOTECH

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This new course in the Exploring Taiwan series introduces agriculture and food biotechnology. The course begins with Taiwanese traditional products and methods, such as salt production in salterns and its transformation; rice, a staple food; tea, and exotic fruit crops grown by cultivation technology. Then, the course introduces fermented foods and how microbial fermentation is utilized in food technology, and orients on food safety monitoring and the use of plants metabolites for pharmaceutical purposes. To gain insight on how to develop business ideas and products, the course features a guest speaker CEO from a renowned food company. Students also participate in a factory tour to experience modern plant operation and maintenance, as well as their research and development.

Language(s) of Instruction

English

Host Institution Course Number

BST1009

Host Institution Course Title

EXPLORING TAIWAN: AGRICULTURAL AND FOOD BIOTECHNOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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