

## COURSE DETAIL

### NUTRITIONAL BIOCHEMISTRY

**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**

151

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

NUTRITIONAL BIOCHEMISTRY

**UCEAP Transcript Title**

NUTRITIONAL BIOCHEM

**UCEAP Quarter Units**

3.00

**UCEAP Semester Units**

2.00

## Course Description

The course explores the biochemical and physical bases of the utilization of nutrients and metabolism in a human context and covers the molecular, cellular, and whole-body levels. Topics include: nutritional sciences; digestive system; mineral nutrients and dietary reference intakes; macro and micro minerals; water-soluble and fat-soluble vitamins; body composition; energy expenditure and balance; digestion, absorption, and metabolism of dietary carbohydrates, fiber, lipids, and protein; phytochemicals; functional food components; integration, regulation and control of metabolism.

### Language(s) of Instruction

Chinese

### Host Institution Course Number

BST5001

### Host Institution Course Title

NUTRITIONAL BIOCHEMISTRY

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Biochemical Science and Technology

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