

## COURSE DETAIL

### DEFENSE MECHANISMS OF LIVING SYSTEMS

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

109

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

DEFENSE MECHANISMS OF LIVING SYSTEMS

**UCEAP Transcript Title**

LIVING SYSTEMS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course examines defense systems in animals, higher plants, and microorganisms. Topics include Introduction to animal immune system; disruption of healthy tissue by the immune response: cancer and its interactions with human defense system; failures of the body`s defenses: autoimmune diseases, infectious diseases, evasion and subversion of the immune system by pathogens, introduction to microbes and microbial interactions; microbe-human/animal interactions: pathogens, microbiome, probiotics, metagenome.

### Language(s) of Instruction

Korean

### Host Institution Course Number

BIO3716

### Host Institution Course Title

DEFENSE MECHANISMS OF LIVING SYSTEMS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Biology

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