

## COURSE DETAIL

### SCIENCE, MEDICINE AND SOCIETY

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University Summer

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Biological Sciences

**UCEAP Course Number**

13

**UCEAP Course Suffix**

S

**UCEAP Official Title**

SCIENCE, MEDICINE AND SOCIETY

**UCEAP Transcript Title**

SCI MEDICINE SOC

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

### **Course Description**

This general science education course is designed to provide students not majoring in a life science with knowledge about how biological principles are being applied to solve modern day problems. After an introduction to the properties of life, it covers current topics that often appear in the media, such as gene editing, genetically modified foods, metabolic engineering, stem cell technologies, synthetic biology, and precision medicine. The overall goal is for students to understand some of the basic science behind these biotechnological applications and to become aware of the strengths and limitations of current technologies. In addition, the course discusses the associated benefits and possible ethical concerns so that students can make informed opinions about the development of such technologies.

### **Language(s) of Instruction**

English

### **Host Institution Course Number**

IEE1173

### **Host Institution Course Title**

SCIENCE, MEDICINE AND SOCIETY

### **Host Institution Campus**

Yonsei International Summer School

### **Host Institution Faculty**

### **Host Institution Degree**

### **Host Institution Department**

Science and Technology

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