

## COURSE DETAIL

### BIOMECHANICS

**Country**

Korea, South

**Host Institution**

Yonsei University

**Program(s)**

Yonsei University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mechanical Engineering Bioengineering

**UCEAP Course Number**

120

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

BIOMECHANICS

**UCEAP Transcript Title**

BIOMECHANICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This class covers the fundamentals of biomedical engineering. In particular, biological systems are analyzed using the principles of mechanical engineering. This course topics include cellular biomechanics, hemodynamics, circulatory systems, respiratory systems, and muscle and skeletal systems.

### Language(s) of Instruction

English

### Host Institution Course Number

MEU3700

### Host Institution Course Title

BIOMECHANICS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Mechanical Engineering

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