

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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