

## COURSE DETAIL

### INTRODUCTION TO BRAIN AND MEDICAL ENGINEERING

**Country**

Korea, South

**Host Institution**

Korea University

**Program(s)**

Korea University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Health Sciences

**UCEAP Course Number**

130

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

INTRODUCTION TO BRAIN AND MEDICAL ENGINEERING

**UCEAP Transcript Title**

BRAIN&MED ENGR

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

The brain can be better understood via the neuroimaging modalities, and its applications to medical engineering can also be enabled by neuroimaging modalities. Thus, this course is intends to provide an overview of neuroimaging systems such as magnetic resonance imaging (MRI); electroencephalography (EEG), and magnetoencephalography (MEG) systems and their analytical methods.

### Language(s) of Instruction

English

### Host Institution Course Number

BNCS303

### Host Institution Course Title

INTRODUCTION TO BRAIN AND MEDICAL ENGINEERING

### Host Institution Course Details

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

### Course Last Reviewed

2021-2022

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