

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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