

## COURSE DETAIL

### GEOPHYSICS

**Country**

Korea, South

**Host Institution**

Korea University

**Program(s)**

Korea University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Earth & Space Sciences

**UCEAP Course Number**

102

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

GEOPHYSICS

**UCEAP Transcript Title**

GEOPHYSICS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

Geophysics is one of main subjects in earth science using more contaminative and numerical approaches to estimate physical properties of the Earth. This course is designated to understand fundamental concepts in various subdisciplines of geophysics, including gravity, seismology, geomagnetism, geochronology, and geodynamics. With explanations for each field, relationships between the different geophysical approaches will be explored from examples of theoretical and real applications.

This course has no specific prerequisites, but a range of background knowledge and skills in calculus is expected.

### Language(s) of Instruction

English

### Host Institution Course Number

EAES204

### Host Institution Course Title

GEOPHYSICS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Earth and Environmental Sciences

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