

COURSE DETAIL

GEOPHYSICS

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Earth & Space Sciences

UCEAP Course Number

41

UCEAP Course Suffix**UCEAP Official Title**

GEOPHYSICS

UCEAP Transcript Title

GEOPHYSICS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces the basic theories of geophysics, such as the shape of the Earth, the Earth's gravitational field, the Earth's magnetic field, plate tectonic geodynamics, propagation of seismic waves, and the process of earthquake epicenters. Physical phenomena and conditions occurring inside the Earth from the surface to the center of the Earth are analyzed using physical methods and interpretations such as gravity, wave propagation, electricity and magnetism, and heat transfer.

Language(s) of Instruction

English

Host Institution Course Number

3345.310.001

Host Institution Course Title

GEOPHYSICS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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