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 Course Details
https://sugang.snu.ac.kr/sugang/cc/cc100InterfaceSrch.action

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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