

COURSE DETAIL

GAME AND INFORMATION THEORY

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

109

UCEAP Course Suffix**UCEAP Official Title**

GAME AND INFORMATION THEORY

UCEAP Transcript Title

GAME&INFORMATN THRY

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course studies important theoretical progresses made in game theory and the asymmetric information theory, and then applies these theories to policy issues including privatization, deregulation, and quasi-market. It includes an introduction of basic concepts and models of game theory and their policy applications. Topics include Nash equilibrium, mixed strategy, subgame perfect Nash equilibrium, perfect Bayesian equilibrium, and principal-agent model.

Language(s) of Instruction

English

Host Institution Course Number

924.727

Host Institution Course Title

GAME AND INFORMATION THEORY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Public Administration

Course Last Reviewed

2022-2023

[Print](#)