

## 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 Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Public Administration

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