

COURSE DETAIL

GAMES THEORY AND APPLICATIONS

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

109

UCEAP Course Suffix**UCEAP Official Title**

GAMES THEORY AND APPLICATIONS

UCEAP Transcript Title

GAME THEORY&APPLICN

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces students to the basic ideas and applications of game theory. This course begins with expected utility theory, and then introduces the fundamental ideas of game theory: strategic-form games, Nash equilibrium, games with incomplete information, extensive-form games, sequential equilibrium, repeated games, as well as games with communication.

Prerequisite: Microeconomics, Mathematics for Economics, Introduction to Statistics, Calculus

Language(s) of Instruction

English

Host Institution Course Number

ECO3101

Host Institution Course Title

GAMES THEORY AND APPLICATIONS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

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