

COURSE DETAIL

GAME THEORY AND INFORMATION

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

117

UCEAP Course Suffix**UCEAP Official Title**

GAME THEORY AND INFORMATION

UCEAP Transcript Title

GAME THEORY INFO

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course provides understanding of game theory. The course not only introduces the basic concepts of game theory, such as Nash equilibrium, subgame perfect Nash equilibrium, perfect Bayesian equilibrium, but also focuses on the "information" of these issues. Some emphases include moral hazard, adverse selection, mechanism design, and models of communication. Additionally, a number of information-related applications, such as negotiation and bidding are introduced.

Language(s) of Instruction

Chinese

Host Institution Course Number

ECON3030

Host Institution Course Title

GAME THEORY AND INFORMATION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

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