COURSE DETAIL

GAME THEORY
Country China
Host Institution Tsinghua University
Program(s) Tsinghua University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title GAME THEORY
UCEAP Transcript Title GAME THEORY
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

Game theory is a pillar of modern economics. It also plays an ever-increasing role in other social sciences as law and politics, and in natural science as biology. This course is an introduction to game theory, its basic concepts and analytical methods. It examines the ability of using game theory to observe economic behavior and phenomenon in the real world. Course topics include: games with sequential moves; simultaneous-move games with pure strategies; combining sequential and simultaneous moves; simultaneous-move games with mixed strategies; uncertainty and information; strategic moves; The Prisoners' Dilemma; collective-action games; evolutionary games; and bargaining.

Language(s) of Instruction

Host Institution Course Number
40511103

Host Institution Course Title
GAME THEORY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Economics and Management

Course Last Reviewed
2024-2025

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