

COURSE DETAIL

GAME THEORY

Country

China

Host Institution

Fudan University

Program(s)

Fudan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

163

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

This course introduces the basic ideas of game theory and its application in economic terms. The course first explores static game based analysis methods and Nash equilibrium, dynamic game analysis methods and sub-game perfect Nash equilibrium, repeated game analysis methods. Then the course examines bounded rationality and evolutionary game, dynamic game with imperfect information, incomplete information static game, incomplete information static game, and cooperative game. The above content also covers the basic theory of principals-agency, including moral hazard, adverse selection and signaling.

Language(s) of Instruction

Chinese

Host Institution Course Number

ECON130064

Host Institution Course Title

GAME THEORY

Host Institution Course Details

Host Institution Campus

Fudan University

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

Course Last Reviewed

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