

## 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 Campus

Fudan University

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Economics

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