

COURSE DETAIL

GAMES AND STRATEGIES

Country

United Kingdom - England

Host Institution

University of London, Queen Mary

Program(s)

University of London, Queen Mary

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

110

UCEAP Course Suffix**UCEAP Official Title**

GAMES AND STRATEGIES

UCEAP Transcript Title

GAMES & STRATEGIES

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides an introduction to game theory, a framework for studying situations of strategic interdependence. Students are shown how to describe such situations formally, how to analyze them using concepts of dominance and equilibrium, and how the theory can be applied to questions arising in various social sciences. Concepts and techniques to be studied include: games in extensive and strategic form, backward induction, strategic dominance, imperfect information, choice under uncertainty, pure and mixed strategy Nash equilibrium, coordination and outguessing games, the prisoners' dilemma, subgame perfection, iterative dominance, commitment and credibility, and repeated games.

Language(s) of Instruction

English

Host Institution Course Number

ECN214

Host Institution Course Title

GAMES AND STRATEGIES

Host Institution Course Details

<https://www.qmul.ac.uk/modules/>

Host Institution Campus

Queen Mary, University of London

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

Course Last Reviewed

2023-2024

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