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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