

# 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 Campus

Queen Mary, University of London

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Economics

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