COURSE DETAIL

GAME THEORY
Country United Kingdom - England
Host Institution University of London, Queen Mary
Program(s) Summer at Queen Mary
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics
UCEAP Course Number 150
UCEAP Course Suffix S
UCEAP Official Title GAME THEORY
UCEAP Transcript Title GAME THEORY
UCEAP Quarter Units 6.00
UCEAP Semester Units

4.00

Course Description
This course examines game theory, a framework for studying situations of strategic interdependence. Students describe and analyze such situations formally, as well as how the theory can be applied in economics, political science, law, and elsewhere. Topics include games in strategic and extensive form, backward induction, dominance, choice under uncertainty, pure and mixed strategy Nash equilibrium, imperfect information, coordination and outguessing games, the prisoners' dilemma, subgame perfection, and repeated interaction. The course is taught on historical principles, with attention to the founders and intellectual development of game theory.

Language(s) of Instruction
English

Host Institution Course Number

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GAME THEORY

Host Institution Course Details

Host Institution Campus
Queen Mary University of London

Host Institution Faculty

Host Institution Degree

Host Institution Department
Economics, Business and Management

Course Last Reviewed

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