

COURSE DETAIL

GAME THEORY

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

142

UCEAP Course Suffix

N

UCEAP Official Title

GAME THEORY

UCEAP Transcript Title

GAME THEORY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course provides an intellectual framework to analyze situations in which the behavior of agents is driven by strategic considerations and, with a set of analytical tools, to interpret a wide range of phenomena in the social sciences. Topics include the Nash equilibrium in simple oligopolistic games, and voting games; the concept of Subgame Perfect Equilibrium and its application to games of lobbying and bargaining; and the logic of Bayesian games, including their use in analyzing real-world selling mechanisms such as auctions.

Language(s) of Instruction

English

Host Institution Course Number

ECON0027

Host Institution Course Title

GAME THEORY

Host Institution Course Details

<https://www.ucl.ac.uk/module-catalogue/modules/ECON0027>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Economics

Course Last Reviewed

2024-2025

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