COURSE DETAIL

GAME THEORY
Country Spain
Host Institution Carlos III University of Madrid
Program(s) Carlos III University of Madrid
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics Business Administration
UCEAP Course Number 164
UCEAP Course Suffix
UCEAP Official Title GAME THEORY
UCEAP Transcript Title GAME THEORY
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course covers the main concepts of game theory and the tools that game theory provides to analyze economic situations in which there are strategic interactions among agents. It provides an introduction to the different types of games depending on the nature of interaction (static, dynamic or repeated) as well as on the type of information agents have (perfect or imperfect). The course also discusses main equilibrium concepts (Nash equilibrium, sub game perfect equilibrium and Bayesian equilibrium) and their economic applications: non competitive markets, political competition, bilateral bargaining, auctions, voting systems and the problem of cooperation in repeated games.

Language(s) of Instruction
English

Host Institution Course Number
13644,13161

Host Institution Course Title
TEORÍA DE LOS JUEGOS

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=204&anio=2022&plan=395&asig=13...

Host Institution Campus
Getafe

Host Institution Faculty
Facultad de Ciencias Sociales y Jurídicas

Host Institution Degree
Grado en Administración de Empresas

Host Institution Department
Economía

Course Last Reviewed
2022-2023

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