COURSE DETAIL

MARKET DESIGN
Country France
Host Institution Institut d'Etudes Politiques (Sciences Po)
Program(s) Sciences Po Paris
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics
UCEAP Course Number 133
UCEAP Course Suffix
UCEAP Official Title MARKET DESIGN
UCEAP Transcript Title MARKET DESIGN
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course explores the theory and practice of market design. Economists study market mechanisms, and are also involved in the design of markets. Key examples include auctions to sell electricity, radio spectrum, or procurement contracts; mechanisms to sell internet advertising; online marketplaces; algorithms to match candidates to jobs, students to schools, or allocate courses to students; organ exchange systems. The field of market design studies how to choose the rules of mechanisms that solve such allocation problems, or how to organize successful marketplaces. It builds on the tools of game theory and mechanism design. This course explains the underlying theory in an intuitive way, and discusses actual designs. The goal is to understand why some market institutions succeed and other fail. The course is based on lectures to expose the theory, and class discussion of applications.

Language(s) of Instruction
English

Host Institution Course Number
DECO 25A28

Host Institution Course Title
MARKET DESIGN

Host Institution Course Details

Host Institution Campus
Paris

Host Institution Faculty

Host Institution Degree

Host Institution Department
Economics

Course Last Reviewed

Print