COURSE DETAIL

NEUROECONOMICS: DECISION MAKING AND THE BRAIN
Country Netherlands
Host Institution Maastricht University - School of Business and Economics
Program(s) Business and Economics, Maastricht
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Psychology Economics Business Administration
UCEAP Course Number 147
UCEAP Course Suffix
UCEAP Official Title NEUROECONOMICS: DECISION MAKING AND THE BRAIN
UCEAP Transcript Title NEUROECONOMICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

Neuroeconomics, sometimes also known as Decision Neuroscience, is an emerging field combining insights from economics, psychology, and neuroscience to understand how (healthy) humans make decisions and how these are related to underlying cognitive and neural processes. The ultimate goal of Neuroeconomics is to integrate knowledge from the different parent disciplines to answer the fundamental question of how our brain makes us decide. This course provides an introduction to Neuroeconomics by discussing examples showing the limitations of viewing decision-making merely through the lens of the traditional fields of economics, psychology, and neuroscience. The course reviews various methods used in Neuroeconomics research for measuring and influencing brain activity. An important part of the course is devoted to learning the foundations and models of Neuroeconomics such as the basics of neuroscience. Seminal and recent studies in Neuroeconomics are read, discussed, and critically evaluated. This interdisciplinary and challenging course consists of lectures and group work. It uses formal concepts from economics and neuroscience. Prerequisites include sufficient quantitative skills and basic knowledge of microeconomics.

Language(s) of Instruction
English

Host Institution Course Number
EBC2166

Host Institution Course Title
NEUROECONOMICS: DECISION MAKING AND THE BRAIN

Host Institution Course Details
https://code.unimaas.nl/Code/Display?intCalendarID=29&intBAMA=3&SearchString=EB...

Host Institution Campus
Maastricht University

Host Institution Faculty School of Business and Economics
Host Institution Degree
Host Institution Department
Course Last Reviewed 2023-2024

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