

MASTER OF SCIENCE IN WEALTH MANAGEMENT
MAÎTRISE UNIVERSITAIRE EN GESTION DE PATRIMOINE

PSYCHOLOGY IN FINANCE (S403052)

Prof. Kirsten PREUSCHOFF

6 ECTS

Semester: Spring

Teaching language: English

Objective

By the end of the semester students will be able to

- Identify research questions and topics in neuroeconomics and neurofinance
- List the main research methods employed.
- Describe behavioral findings in neuroeconomics and neurofinance.
- Identify basic neural mechanisms of decision making.
- Prepare a research presentation (oral or written) for an interdisciplinary audience.
- Interact and discuss with fellow students in class in a constructive way.

Description

Neuroeconomics is an emerging field that takes an interdisciplinary approach to studying decision making by integrating research questions and methods from many different disciplines such as neuroscience, economics, finance, psychology, affective sciences, and computational neuroscience.

The course will be taught in the form of seven 4-hour long workshops each of which will cover a different topic. In each workshop I will recap the previous workshop after which students present and discuss papers relating to the previous workshop. The second part of the workshop will introduce a new topic as well as an academic presentation skill. The final part will see students practicing this skill using research from the field.

Topics include fundamental tools in neuroeconomics, economic preferences, the neurobiology of valuation, choice and learning; social decision making, pathological decision-making and others.

Other information

A background in economics, neuroscience, psychology, computer science or related field. An interest in interdisciplinary research.