

# COURSE DETAIL

## NEW TRENDS IN THE SCIENCE OF DECISION-MAKING: TRANSDISCIPLINARY AND TRANSCULTURAL PERSPECTIVES

**Country**

France

**Host Institution**

Sciences Po Reims

**Program(s)**

Sciences Po Reims

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Business Administration

**UCEAP Course Number**

102

**UCEAP Course Suffix****UCEAP Official Title**

NEW TRENDS IN THE SCIENCE OF DECISION-MAKING: TRANSDISCIPLINARY  
AND TRANSCULTURAL PERSPECTIVES

**UCEAP Transcript Title**

DECISION MAKING

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

**Course Description**

In the end of the course the student is able to: understand the goals and applications of decision making theories; understand the current evolution of decision making science; develop skills in experimental economics and management; use the proper tools according to the objectives sought; master the latest trends in sciences of decision; analyze the opportunities offered by science of decision in management, economics, and sociology. The following topics are covered: introduction to decision making, from Von Neumann-Morgenstern utility to Dempster-Shafer theory; cross-cultural differences in decision-making theory; alternative logics from C.S. Peirce to J.P. Burgess; dealing with uncertainties; Game Theory, Nash equilibria, mixed-strategies as randomization and backwards induction, signaling and incomplete information, repeated games, evolutionary stable strategies; the death of Homo Oeconomicus, from rational to irrational cognitive biases, from selfish to caring, altruism and the warm-glow effect, from perfect to limited cognition, bounded rationality and rational inattention; neuroeconomics, the animal side of human decision making.

**Language(s) of Instruction**

English

**Host Institution Course Number**

DCUL 27A05

**Host Institution Course Title**

NEW TRENDS IN THE SCIENCE OF DECISION-MAKING: TRANSDISCIPLINARY AND TRANSCULTURAL PERSPECTIVES

**Host Institution Course Details****Host Institution Campus**

Seminar

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**

Business & Economics

**Course Last Reviewed**

[Print](#)