# 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**

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| **Host Institution Degree** |
| **Host Institution Department**<br>Business & Economics |
| **Course Last Reviewed** |

Print