

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 Campus

Seminar

Host Institution Faculty**Host Institution Degree**

Host Institution Department

Business & Economics

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