

## Course Descriptions Master 2022-2023

Course Title Theory of Individual and Strategic Decisions  
 Course Code EBC4197  
 ECTS Credits 6,5  
 Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	5-9-2022	21-10-2022	X			X	

Level Advanced

Coordinator Elias Tsakas For more information: [e.tsakas@maastrichtuniversity.nl](mailto:e.tsakas@maastrichtuniversity.nl)

Language of instruction English

Goals Participants learn the analytical tools to model and analyse individual and strategic decision problems.

Description PLEASE NOTE THAT THE INFORMATION ABOUT THE TEACHING AND ASSESSMENT METHOD(S) USED IN THIS COURSE IS WITH RESERVATION. A RE-EMERGENCE OF THE CORONAVIRUS AND NEW COUNTERMEASURES BY THE DUTCH GOVERNMENT MIGHT FORCE COORDINATORS TO CHANGE THE TEACHING AND ASSESSMENT METHODS USED. THE MOST UP-TO-DATE INFORMATION ABOUT THE TEACHING/ASSESSMENT METHOD(S) WILL BE AVAILABLE IN THE COURSE SYLLABUS.

The course introduces the tools which are necessary to model and analyse individual and strategic decisions. Thereby we do not only introduce the canonical theories but also add some non-standard behavioural approaches. In the first part we treat individual decisions (decision theory), in the second part we deal with strategic decisions (game theory).

Literature Tadelis, S. (2013). Game theory: an introduction. Princeton University Press.  
 Rubinstein, A. (2012). Lecture notes in microeconomic theory: the economic agent. Princeton University Press.  
 Bonanno, G. (2015). Game theory. Open access textbook (free download).

Prerequisites There is no formal prerequisites. However students are expected to have a minimum level of familiarity with basic undergraduate mathematics and statistics.

Teaching methods PBL / Presentation / Lecture / Assignment

Assessment methods Participation / Written Exam

Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

Master Human Decision Science	Compulsory Course(s)
SBE Exchange Master	Master Exchange Courses
SBE Non Degree Courses	Master Courses