Course Descriptions Exchange 2020-2021

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

Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	31-8-2020	16-10-2020	X			X	

Level	Advanced
Coordinator	Elias Tsakas For more information: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. THE INFORMATION PROVIDED HERE IS BASED ON THE COURSE SETUP PRIOR TO THE CORONAVIRUS CRISIS. AS A CONSEQUENCE OF THE CRISIS, COURSE COORDINATORS MAY BE FORCED 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