

## Course Descriptions Master 2018-2019

Course Title Theory of Individual and Strategic Decisions  
 Course Code EBC4197  
 ECTS Credits 6,5  
 Assessment None

| Period | Period | Start    | End        | Mon | Tue | Wed | Thu | Fri |
|--------|--------|----------|------------|-----|-----|-----|-----|-----|
| 1      |        | 3-9-2018 | 26-10-2018 | 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 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 Courses      |
| SBE Exchange Master           | Master Exchange Courses |
| SBE Non Degree Courses        | Master Courses          |