

## Course Descriptions Master 2015-2016

Course Title Game Theory

Course Code EBC4146

ECTS Credits 6,5

Assessment Whole/Half Grades

| Period | Start     | End        | Mon | Tue | Wed | Thu | Fri |
|--------|-----------|------------|-----|-----|-----|-----|-----|
| 1      | 31-8-2015 | 23-10-2015 | X   |     | X   |     |     |

Level Advanced

Coordinator Hans Peters For more information: [h.peters@maastrichtuniversity.nl](mailto:h.peters@maastrichtuniversity.nl)

Language of instruction English

Goals The student will be acquainted with advanced game theory models and methods.

Description This course treats several topics from game theory on an advanced level. The precise contents may depend on the specific interests of students, and on current developments within the field. Basic knowledge of game theory is presumed, on a level comparable to the course Game Theory and Economics in the bachelor program Econometrics and OR.

Literature The literature consists of scientific articles (will be announced) and / or book chapters from R. Myerson; Game Theory (MIT 1991)

Prerequisites Knowledge in game theory at least on the level of the course "Game Theory and Economics": The student should be familiar with the main basic concepts from noncooperative and cooperative game theory. The book of Martin J. Osborne: An Introduction to Game Theory, Oxford University Press, 2003, is indicative of the minimally required level.

Teaching methods PBL / 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

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|---|--|
| Master Business Research                                  | Free Electives                         |
| Master Business Research Track OR                         | Free Electives                         |
| Master Economic and Financial Research Track Econometrics | Economic Theory, Behaviour & Computing |
| Master Economic and Financial Research                    | Economic Theory, Behaviour & Computing |
| SBE Exchange Master                                       | Master Exchange Courses                |
| SBE Non Degree Courses                                    | Master Courses                         |