

## Course Descriptions Master 2013-2014

Course Title                      Game Theory  
 Course Code                     EBC4146  
 ECTS Credits                    6,5  
 Assessment                      None

| Period | Period | Start    | End        | Mon | Tue | Wed | Thu | Fri |
|--------|--------|----------|------------|-----|-----|-----|-----|-----|
| 1      |        | 2-9-2013 | 25-10-2013 | X   |     | X   |     |     |

Level                                Advanced

Coordinator                      Hans Peters For more information: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 / 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 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 Courses                         |
| SBE Non Degree Courses                                    | Master Courses                         |