

## Course Descriptions None 2013-2014

Course Title Advanced Microeconomics  
 Course Code EBC4201  
 ECTS Credits 6,5  
 Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	2-9-2013	25-10-2013		X			X
4	3-2-2014	4-4-2014		X			X

Level Advanced  
 Coordinator Thomas Demuyck For more information:t.demuyck@maastrichtuniversity.nl  
 Language of instruction English

Goals Students will learn the necessary analytical tools in order to solve problems related to consumer utility maximization and choice under uncertainty, as well as to analyse and solve strategic decision problems involving firms and individuals.

Description This course serves as the foundation in microeconomic theory and game theory. As such the course introduces the necessary tools to model both individual and strategic decision environments. The main topics include consumer theory (utility maximization and choice under uncertainty) as well as introducing students to static games of complete information, dynamic games of complete information, static games of incomplete information and dynamic games of incomplete information. For each class of games, the appropriate equilibrium concept is defined.

Literature For consumer theory, books such as:  
 Walter Nicholson and Christopher Snyder (2008) "Microeconomic Theory: Basic Principles and Extensions," 10th edition, Thomson South- Western.  
 Hal Varian (1992) "Microeconomic Analysis", 3rd edition, Norton.  
 Geoffrey Jehle and Philip Reny (2011) "Advanced Microeconomic Theory", 3rd edition, Prentice Hall

For game theory, books such as:  
 Robert Gibbons (1992) "A Primer in Game Theory," Prentice Hall.  
 Martin Osborne(2004) "An Introduction to Game Theory," Oxford University Press.

Prerequisites Intermediate Microeconomics at level of Hal Varan's "Intermediate Microeconomics: A Modern Approach" and basic calculus.

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	Master Economic Studies	Competition & Regulation
	Master Economic Studies	European Economic Policy
	Master Economic Studies	Global Innovation Economics
	Master Economic Studies	Managerial Economics
	Master Economic Studies	Public Economics
	Master Economic Studies	Social Economics