

Course Descriptions Master 2015-2016

Course Title Advanced Microeconomics
 Course Code EBC4201
 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
4	1-2-2016	1-4-2016		X			X

Level Advanced
 Coordinator Thomas Demuyne For more information: t.demuyne@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 Varian's "Intermediate Microeconomics: A Modern Approach" and basic calculus. The ideas and methods developed in the course will be used and deepened in the courses Strategic Firm Behaviour & Competition Policy (EBC4194) Economics @work (EBC4196), Human Behaviour & Economic Policy (EBC4202) and Negotiation & Allocation (EBC4193).

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