

## Course Descriptions None 2021-2022

Course Title Advanced Microeconomics  
 Course Code EBC4232  
 ECTS Credits 5,0  
 Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	30-8-2021	15-10-2021	X		X		

Level Advanced  
 Coordinator Hannes Rusch For more information:h.rusch@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 the level of Hal Varian's "Intermediate Microeconomics: a modern approach." Basic calculus.

Keywords  
 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 - Digitalisation and the Future of Learning and Work	Compulsory Course(s)
	Master Economics - Global Challenges and Macroeconomic Policy	Compulsory Course(s)
	Master Economics - Market Regulation and Design	Compulsory Course(s)
	Master Economics - No specialisation	Compulsory Course(s)
	SBE Exchange Master	Master Exchange Courses