


5.00 credits

30.0 h + 6.0 h

Q2

Teacher(s)	Panin Amma ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	Building upon the tools of decision and game theory acquired in Advanced Microeconomics I, the course is divided in two main sections. In the first section, General Competitive Analysis is developed both in its positive and normative dimensions. In the second section, the problem of designing efficient allocation mechanisms is studied in a general perspective. Incomplete information and incentives issues are introduced. The design of auctions and public good mechanisms is included.
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <p>1 The objective of the course is to provide the basic microeconomic tools to be used in the analysis of problems of resource allocation by economists working in research, in businesses or in various organisations. The course adopts both a positive and a normative approach. It includes recent advances of the theory and aims at develop-ing the capacity to apply economic concepts to real-world problems.</p>
Evaluation methods	The grade will be determined by a final written examination
Teaching methods	Lectures and exercises sessions
Content	The first part of the course will be devoted to an introduction to game theory (basic concepts of dominant, undominated, rationalizable strategies, Nash, Bayesian Nash and subgame perfect Nash equilibrium) with some applications. The second part will be devoted to topics in social choice theory (the Arrow theorem), bargaining theory and information economics.
Inline resources	Homeworks for the exercises sessions available on Moodle
Other infos	Like for Advanced Microeconomics I, the textbook is the Mas-Colell Whinston Green 'Microeconomic theory' book.
Faculty or entity in charge	ECON

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Learning outcomes
Master [120] in Economics: Econometrics	ETRI2M	5		
Master [120] in Economics: General	ECON2M	5		