

Teacher(s) :	Belleflamme Paul ;
Language :	Anglais
Place of the course	Louvain-la-Neuve
Main themes :	The course aims at analysing the mechanisms and institutions governing the production, use and diffusion of information and knowledge. It also aims at developing a rigorous economic analysis of a large set of issues surrounding intellectual property, R& and innovation. In this field, the economic approach appears as fundamental as it focuses on markets, incentives and strategic interaction.
Aims :	<p>Having regard to the LO of the programme X, this activity contributes to the development and acquisition of the following LO:</p> <p>-- 1. Corporate citizenship</p> <p>1.1. 'Demonstrate independent reasoning, look critically '</p> <p>2. Knowledge and reasoning</p> <p>2.1. Master the core knowledge of each area of management.</p> <p>2.2. Master highly specific knowledge '</p> <p>2.3. Articulate the acquired knowledge from different areas</p> <p>2.4. Activate and apply the acquired knowledge '</p> <p>3. A scientific and systematic approach</p> <p>3.1. Conduct a clear, structured, analytical reasoning '</p> <p>3.2. Collect, select and analyze relevant information '</p> <p>3.3. Consider problems using a systemic and holistic approach '</p> <p>3.4. Perceptively synthesize 'demonstrating a certain conceptual distance '</p> <p>3.5. Produce, through analysis and diagnosis, implementable solutions'</p> <p>5. Work effectively in an international and multicultural environment</p> <p>5.2. Position ... the functioning of an organization, in its ... socio-economic dimensions'</p> <p>6. Teamwork and leadership</p> <p>6.1. Work in a team...</p> <p>8. Communication and interpersonal skills</p> <p>8.1. Express a clear and structured message'</p> <p>8.2. Interact and discuss effectively '</p> <p>9. Personal and professional development</p> <p>9.1. Independent self-starter '</p> <p>9.4. Quick study, lifelong learner '</p> <p>At the end of this course, the student will be able to:</p> <p>-- - At the end of the course, students should understand what sets innovation markets apart from other markets.- At the end of the course, students should understand why markets often fail when it comes to produce information and knowledge.- At the end of the course, students should understand why and how governments should intervene in such markets.- Students should also be able to use the economic analysis in order to improve their understanding of a number of topical issues (e.g., the impact of patents and generic drugs on the fight against diseases like HIV/AIDS or malaria, software patents, piracy of digital goods, etc).</p> <p><i>The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".</i></p>
Content :	<p>Summary, content and methods</p> <p>1. We introduce the main concepts and explain why activities generating information and knowledge are marred by three sources of market failures, which contribute to create a generic problem of appropriability.</p> <p>2. We compare various public policy measures that are designed to alleviate this problem of appropriability.</p> <p>3. We assess the effect of market structure on the incentives for R& .</p> <p>4. We study how patent protection should optimally be designed. In particular, we address the questions of the optimal length and breadth of patents.</p> <p>5. We apply the previous general analyses to the specificities of the digital economy. Two topical issues are addressed: the piracy of digital products and the development of open-source software.</p> <p>Content</p> <p>Information and appropriability</p> <p>Market structure and incentives for R&</p> <p>Patents and efficiency</p> <p>Intellectual property in the digital economy</p> <p>Methods</p> <p>The theoretical material is presented during the lectures. Students are asked to work in groups in order to apply the theoretical framework to specific case studies and/or to topical issues.</p> <p>1 Lectures</p> <p>1 Interactive seminar</p> <p>1 Micro-teaching (partly presented by students)</p>

	<p>At home activities</p> <p>1 Readings to prepare the lecture</p> <p>1 E-learning</p> <p>1 Paper work</p> <p>1 Students presentation</p>
Bibliography :	<p>: No TEXTBOOK. SLIDES compulsory and available on line . BOOK : Belleflamme, P. and Peitz, M. (2010) Industrial Organization: Markets and Strategies. Cambridge: Cambridge University Press (not available on line)</p> <p>Lévêque, F. and Ménière, Y. (2004). The Economics of Patents and Copyright. Berkeley Electronic Press (available on line)</p> <p>not compulsory and available on line . READING FILE compulsory and available on line Supports available on line are on ICAMPUS.</p>
Other infos :	<p>Other information</p> <p>Prerequisites</p> <p>Intermediate Micro-Economics and Introductory Industrial Organization</p> <p>Evaluation:</p> <p>Class participation and oral examination, in French or English</p> <p>References:</p> <p>Provided during the class</p> <p>Internationalisation</p> <p>1 international content (does the course tackle international issues related to the course content ?)</p> <p>1 international case study</p> <p>Skills</p> <p>1 presentation skills</p> <p>1 writing skills</p> <p>1 team work</p> <p>1 individual autonomy</p> <p>1 time management</p> <p>1 project management</p> <p>1 critical thinking</p> <p>1 assertiveness</p> <p>Techniques and tools for teaching and learning</p> <p>1 Internet work</p> <p>1 modelling</p> <p>1 quantitative methods</p> <p>1 mathematics</p>
Faculty or entity in charge:	CLSM

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Business engineering	INGE2M	5	-	
Master [120] in Business Engineering	INGM2M	5	-	
Master [60] in Economics : General	ECON2M1	5	-	
Master [120] in Economics: General	ECON2M	5	-	
Master [120] in Management	GESM2M	5	-	
Master [120] in Management	GEST2M	5	-	