

Nom del Màster	International Master in Economic Analysis.	Mòdul	Advanced Microeconomics
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DADES ESPECÍFIQUES DEL MÒDUL

Objectius Formatius del Mòdul	At the end of the module the student will be able to: 1. Apply game-theoretic techniques to explain stylized features of industry conduct and outcomes. 2. Differentiate between problems of moral hazard and adverse selection. 3. Create and handle models that capture various kinds of informational asymmetries. 4. Analyze problems in industrial organization and banking.	
Competències específiques del Mòdul	Competència	Descripció
	1. Scientific area 2. Communicative area 3. Self-learning area 4. Interpersonal area	Ability to build and solve complex theoretical models that allow for a better understanding of real microeconomic phenomena. Ability to motivate the analysis, to interpret results, and to present them in a clear way Choosing modeling strategy Cooperation in contrasting alternative modeling strategies, and discussing and comparing results
Estructura i Continguts del Mòdul	<i>BLOCK 1: Game Theory:</i> 1. Complete Information Games in Strategic Form. 2. Extensive Games with Observed Actions. 3. Games of Incomplete Information. 4. Economics of Information. <i>BLOCK 2: Industrial Organization:</i> 1. Monopoly Pricing, non-linear pricing and durable	

	goods. 2. Models of Product differentiation and competition. 3. Innovation, standard and licensing
Metodologia docent	Apart from the usual lectures, problems sets related to each topic will be assigned to students, evaluated to complement their learning process and discussed in class - E-A presential: 40% - E-A directed: 20% - E-A autonomous/group work: 40%
Avaluació	Grading will be based on a final exam, together with the grades obtained in the problem sets.
Bibliografia bàsica i enllaços web mes importants	<i>BLOCK 1:</i> 1. Fudenberg, D. and J. Tirole, 1991, Game Theory, MIT Press. 2. Osborne, M.J. and A. Rubinstein, 1994, A Course in Game Theory, MIT Press. 3. Macho-Stadler, I. and D. Pérez-Castrillo, 2001 (2nd Edition), An Introduction to the Economics of Information, Oxford UP. <i>BLOCK 2:</i> The primary text for the course is: 1. Tirole, J., 1988, The Theory of Industrial Organization, Cambridge: MIT Press, 1988. The text provides an overview of most of the theoretical topics. and will be supplemented with academic journal articles.