

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

Objectius Formatius del Mòdul	<p>After the successful completion of the module the student will be able to:</p> <ol style="list-style-type: none"> 1. Formulate interesting questions. 2. Start formal research in the frontier of the knowledge of the Microeconomic Theory. 	
Competències específiques del Mòdul	Competència	Descripció
	1. Scientific area	Ability to propose and solve complex theoretical models, to interpret results, to propose policy recommendations.
	2. Interpersonal area	Cooperation in contrasting results, discuss applicability/relevance.
	3, Communicative skills	Ability to motivate the analysis, to interpret results, and to present them in a clear way.
	4. Self-learning area	Choosing solving strategy.
Estructura i Continguts del Mòdul	<p><i>BLOCK 1: Political Economy:</i></p> <ol style="list-style-type: none"> 1. Rational Choice in Political Science. 2. The decision to vote. 3. Retrospective Voting. 4. Spatial Model of Elections. 5. Strategic Voting and Agenda Control. 6. Bargaining in Legislatures <p><i>BLOCK 2: Group Decisions:</i></p> <ol style="list-style-type: none"> 1. Voting and Information Aggregation. 2. Deliberation. 3. Debates and Cheap Talk. 4. Design of Committee Rules. 5. Polarization. <p><i>BLOCK 3: Individual Incentives in Group Behavior:</i></p>	

	<ol style="list-style-type: none"> 1. Common Knowledge. 2. Communication. 3. Correlation. 4. Coercion or peer pressure. <p><i>BLOCK 4: Cooperative Game Theory:</i></p> <ol style="list-style-type: none"> 1. Games in characteristic function form, transferable and nontransferable utility. 2. The Shapley value. The Core. 3. Bargaining problems. 4. Games in Partition Function Form. 5. Noncooperative Foundations of Cooperative Solution Concepts. <p><i>BLOCK 5: Economics of Education:</i></p> <ol style="list-style-type: none"> 1. Political determination of education spending. 2. Dynamic models of education. 3. Central versus local education finance. 4. Mixed regimes of public and private schooling. 5. Education, social capital and the dynamics of cohesion.
<p>Metodologia docent</p>	<p>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.</p> <ul style="list-style-type: none"> - E-A presential: 40% - E-A directed: 20% - E-A autonomous/group work: 40%
<p>Avaluació</p>	<p>The final grade of the module will be based on the problem sets, the presentations in class and the final examination.</p>
<p>Bibliografia bàsica i enllaços web mes importants</p>	<p>The following list is an example of papers and books in the frontier of the knowledge that students should be familiar with at the end of the semester:</p> <p><i>BLOCK 1:</i></p> <ol style="list-style-type: none"> 1. Aragonés, Enriqueta. 2005. "Government Formation in a Two Dimensional Policy Space" mimeo. 2. Baron, David and John Ferejohn. 1989. "Bargaining in legislatures" APSR 83: 1181-1206.

3. Ferejohn, John. 1986. "Incumbent performance and electoral control" *Public Choice* 50:5-25.
4. Maskin, Eric and Jean Tirole. 2004 "The Politician and the Judge: Accountability in Government" *AER*.

BLOCK 2:

1. Ambrus, A., and S. Takahashi (2006): "Multi-Sender Cheap Talk with Restricted State Space," Discussion paper, Harvard University.
2. Austin-Smith, D., and T. Feddersen (2004): "Deliberation, Unanimity Rule and Majority Rule," Discussion paper, Northwestern University.
3. Eliaz, K., D. Ray, and R. Razin (2005): "A Decision-Theoretic Basis for Choice Shifts in Groups," Discussion paper, New York University.
4. Gerardi, D., and L. Yariv (2006): "Deliberative Voting," Discussion paper, Caltech.
5. Sobel, J. (2006): "Information Aggregation and Group Decisions," Discussion paper, UCSD.

BLOCK 3:

1. Chwe (2001) *Rational Ritual: Culture, Coordination, and Common Knowledge*, Princeton University Press.
2. Calvó-Armengol and de Martí (2006) "On the optimal structure of communication networks," ICREA-UAB.
3. Chwe (2006) "Incentive compatibility implies signed covariance," UCLA.
4. Calvó-Armengol and Jackson (2006) "A theory of peer pressure," Stanford.

BLOCK 4:

1. *Lectures on Game Theory*, Robert J. Aumann, Westview Press, 1989.
2. *Cooperative Microeconomics (A Game Theoretic Introduction)*, Herve Moulin, Prentice Hall, 1995.
3. *A Course in Game Theory*, Martin Osborne and Ariel Rubinstein, MIT Press, 1994.
4. *Game Theory* (2nd edition), Guillermo Owen, Academic Press, 1982.

BLOCK 5:

1. *The political economy of education*, M. Gradstein, M. Justman, V. Meir, MIT press, 2005.

In this book student will find an extensive bibliography of further readings.