Nom del Màster	International Master in Economic Analysis.	Mòdul	Economics I

DADES ESPECÍFIQUES DEL MÒDUL

<table>
<tr><td rowspan="1">Objectius Formatius del Mòdul</td><td colspan="2">At the end of the semester the student will be able to:
1. Model the behavior of consumers and firms.
2. Model choices under uncertainty.
3. Model the stylized facts observed in data sets.
4. Formulate interesting questions in economics and frame them in a suitable environment for a rigorous economic analysis.</td></tr>
<tr><td rowspan="2">Competències específiques del Mòdul</td><td>Competència</td><td>Descripció</td></tr>
<tr><td>Scientific area</td><td>Ability to solve complex theoretical models and interpretation of results; ability to prove formal statements.</td></tr>
<tr><td>Estructura i Continguts del Mòdul</td><td colspan="2">BLOCK 1: Microeconomics I:
1. Preferences
2. Utility
3. Choice
4. Consumer preferences, consumer choice
5. Production
6. Choice under uncertainty, and risk aversion.
BLOCK 2: Macroeconomics I:
1. Introduction to dynamic general equilibrium
2. The neoclassical growth model in discrete time
3. Data and the neoclassical growth model as a measurement tool
4. Dynamic programming
5. Models with aggregate uncertainty
6. The overlapping generations Model
7. Continuous time growth models
8. Fiscal Policy
9. Heterogeneous agent economies: the complete markets case</td></tr>
</table>

Metodologia docent	Apart from the regular lectures, Problem Sets will be regularly distributed, collected on the due date, and graded. - E-A presential: 40% - E-A directed: 20% - E-A autonomous/group work: 40%
Avaluació	Evaluation is based on the problems sets and the final exam. Some problem sets will require both theoretical analysis and computational implementation of models.
Bibliografia bàsica i enllaços web mes importants	*BLOCK 1:* 1. Gul and Pesendorfer (2006) “The case for mindless economics,” mimeographed, Princeton University 2. Machina (1987) “Choice under uncertainty: problems solved and unsolved,” Journal of Economic Perspectives 3. Mas-Colell, Whinston and Green (1995) Microeconomic Theory, Oxford University Press 4. Rubistein (2006) Lecture Notes in Microeconomic Theory: the Economic Agent, Princeton University Press *BLOCK 2:* 1. Ljungqvist, Lars and Thomas J. Sargent, Recursive Macroeconomic Theory, The MIT Press (2000). 2. Stokey, Nancy L., Robert E. Lucas, with Edward C. Prescott, Recursive Methods in Economic Dynamics, Harvard University Press (1989)