University of the Balearic Islands

Teaching guide

Academic year	2013-14
Subject	20619 - Information Economics
Group	Group 40, 1S, GECO
Teaching guide	F
Language	English

Subject identification

Subject	20619 - Information Economics
Credits	1.8 in-class (45 hours) 4.2 distance (105 hours) 6 totals (150 hours).
Group	Group 40, 1S, GECO
Teaching period	1st semester
Teaching language	English

Lecturers

Lecturers	Timetable for student attention					
	Starting time	**Finishing time**	**Day**	**Start date**	**Finish date**	**Office**
Daniel Cardona Coll	16:30h	17:30h	Monday	01/09/2013	31/07/2014	DB-213
d.cardona@uib.es	11:00h	12:00h	Monday	01/09/2013	31/07/2014	DB-213

Degrees where the subject is taught

Degree	Character	Course	Studies
Degree in Economics	Compulsory	Third year	Degree

Contextualisation

The course provides the appropriate instruments for the analysis of many economic problems related to decision making under imperfect information. These instruments are presented at a formal level, developing computational tools that are necessary to enhance the understanding of the problem and its applicability.

Requirements

Essential requirements

- To be able to formalize the problems of individual decision making in situations of certainty (Microeconomia)

- To know how to solve optimization problems with equality and inequality constraints (Optimització)

- To understand the concepts of expected utility and the different concepts of equilibria in situations of strategic interaction (Jocs i Decisions Estratègiques).

Skills

Date of publication: 16/07/2013

University of the Balearic Islands
Teaching guide

Academic year	2013-14
Subject	20619 - Information Economics
Group	Group 40, 1S, GECO
Teaching guide	F
Language	English

Specific

1. CE2. Identify and anticipate relevant economic problems related to the allocation of resources in general, both in the private and in the public setting..
2. CE3. Provide rationality to the analysis and to the description of any aspect of economic reality..
3. CE11. Analyze the economic reality using the theoretical framework presented, identifying its potential and its limitations..
4. CE12. Contextualize the economic problems by using formal models, knowing how to incorporate extensions or changes to the basic models that respect the basic assumptions established and being aware of its potential and limitations..

Generic

1. CG5. Analyze problems with critical thinking, without prejudice, with precision and rigor..
2. CG7. Capacity of synthesis..

Content

The course is based on Chapters 7 to 11 of the book 2Games and Information" by E. Rasmusen

Theme content

Topic 1. Moral hazard: Hidden action

Topic 2. Further Topics in Moral Hazard

Topic 3. Adverse Selection

Topic 4. Mechanism Design

Topic 5. Signalling

Teaching methodology

In-class work activities

Modality	Name	Typ. Grp.	Description
Theory classes	Lectures	Large group (G)	Explain and develop theoretically the different topics of the course.
Practical classes	--	Large group (G)	Discussion and resolution of exercices proposed prior to the meeting.
Assessment	Final term exam	Large group (G)	Assess the students' knowledge and capabilities.
Assessment	Midterm exam	Large group (G)	Assess the students' knowledge and capabilities.

Distance education work activities

Date of publication: 16/07/2013

University of the
Balearic Islands

Teaching guide

Academic year	2013-14
Subject	20619 - Information Economics
Group	Group 40, 1S, GECO
Teaching guide	F
Language	English

Modality	Name	Description
Group or individual self-study	--	Solving exercices.
Group or individual self-study	--	Study and assimilation of the concepts of the lectures.

Specific risks and protective measures

The learning activities of this course do not entail specific health or safety risks for the students and therefore no special protective measures are needed.

Workload estimate

Modality	Name	Hours	ECTS	%
In-class work activities		**45**	**1.8**	**30**
Theory classes	Lectures	25	1	16.67
Practical classes	--	17	0.68	11.33
Assessment	Final term exam	1.5	0.06	1
Assessment	Midterm exam	1.5	0.06	1
Distance education work activities		**105**	**4.2**	**70**
Group or individual self-study	--	45	1.8	30
Group or individual self-study	--	60	2.4	40
	Total	**150**	**6**	**100**

At the beginning of the semester a schedule of the subject will be made available to students through the UIBdigital platform. The schedule shall at least include the dates when the continuing assessment tests will be conducted and the hand-in dates for the assignments. In addition, the lecturer shall inform students as to whether the subject work plan will be carried out through the schedule or through another way included in the Campus Extens platform.

Student learning assessment

Date of publication: 16/07/2013

University of the Balearic Islands

Teaching guide

Final term exam

Modality	Assessment
Technique	Other methods **(Retrievable)**
Description	Assess the students' knowledge and capabilities.
Assessment criteria	The exam will consist on two parts: a test and the resolution of exercises and short questions. The weights assigned to each part are 30 and 70% respectively. However, in order to get a grade higher than 4/10, it is required to obtain at least 4/10 in both parts.

Percentage of final qualification: 50% following path A

Midterm exam

Modality	Assessment
Technique	Other methods **(Retrievable)**
Description	Assess the students' knowledge and capabilities.
Assessment criteria	The exam will consist on two parts: a test and the resolution of exercises and short questions. The weights assigned to each part are 30 and 70% respectively. However, in order to get a grade higher than 4/10, it is required to obtain at least 4/10 in both parts.

Percentage of final qualification: 50% following path A

Resources, bibliography and additional documentation

Basic bibliography

* Rasmusen, E. Games and Information: An Introduction to Game Theory. Blackwell

Complementary bibliography

* Kreps, D.M. (1995). A course in Microeconomics Theory. Harvester Wheatsheaf.
* I. Macho Stadler i D. Perez Castillo (1994). An Introduction to the Economics of Information. Oxford University Press.

Other resources

* You can find my notes at http://www.uib.es/depart/deaweb/webpersonal/danielcardona/