



Universitat de Lleida

# DEGREE CURRICULUM **AGRICULTURAL ECONOMICS AND POLICY**

Coordination: JUAREZ RUBIO, MARIA ISABEL

Academic year 2023-24

## Subject's general information

Subject name	AGRICULTURAL ECONOMICS AND POLICY			
Code	102526			
Semester	2nd Q(SEMESTER) CONTINUED EVALUATION			
Typology	Degree	Course	Character	Modality
	Bachelor's Degree in Agricultural and Food Engineering	2	COMPULSORY	Attendance-based
Course number of credits (ECTS)	6			
Type of activity, credits, and groups	Activity type	PRAULA		TEORIA
	Number of credits	1.8		4.2
	Number of groups	2		1
Coordination	JUAREZ RUBIO, MARIA ISABEL			
Department	ECONOMICS AND BUSINESS			
Important information on data processing	Consult <a href="#">this link</a> for more information.			

Teaching staff	E-mail addresses	Credits taught by teacher	Office and hour of attention
JUAREZ RUBIO, MARIA ISABEL	mariaisabel.juarez@udl.cat	7,8	

## Learning objectives

### Learning objectives

The objectives are to familiarize the student with the most relevant concepts and instruments of the economy and introduce the problems that arise in the decision making of individuals and in the application of economic policies.

The student upon passing the subject must be able to:

- Understand the operation of supply and demand and how equilibrium is achieved in the market. Explain the elasticities of demand and supply and interpret their effects on the market.
- Know the different types of public intervention in the market and deduct the costs that are generated when trying to control the markets. Understand how the market increases social welfare.
- Understand externalities and economic efficiency. Know the difference between public goods and private goods to economic theory.
- Identify the industrial organization of the market: perfect competition, monopoly, oligopoly and monopolistic competition. Explain the consequences on the social welfare of this type of market. Justify public intervention in non-competitive markets.
- Understand the profits of international trade. Distinguish the instruments of trade policy and interpret its effects.
- Know the agrarian policies. Understand the process of creation and evolution of the Common Agricultural Policy (CAP).
- Understand the basics of agricultural valuation.

## Competences

### Basic Competencies

CB1. That students have demonstrated that they possess and understand knowledge in an area of study that starts from the base of general secondary education, and is usually found at a level that, although supported by advanced textbooks, also includes some aspects that imply knowledge from the forefront of your field of study.

CB2. That students know how to apply their knowledge to their work or vocation in a professional way and possess the competencies that are usually demonstrated through the elaboration and defense of arguments and the resolution of problems within their area of study.

CB3. That students have the ability to gather and interpret relevant data (usually within their area of study) to make judgments that include reflection on relevant issues of a social, scientific or ethical nature.

CB4. That students can transmit information, ideas, problems and solutions to both specialized and non-specialized audiences.

CB5. That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy.

### General competences

CG6. Ability to direct and manage all kinds of agri-food industries, agricultural and livestock farms, urban and / or rural green spaces, and public or private sports areas, with knowledge of new technologies, quality processes, traceability and certification and the marketing techniques and commercialization of food products and cultivated plants.

### Specific competences

CEFB7. Adequate knowledge of the business concept, institutional and legal framework of the company. Organization

and management of companies.

CEMC11. Valuation of agricultural companies and commercialization.

## Subject contents

### Program

1. Consumer behavior. Demand and elasticity.

Market demand versus individual demand. The price elasticity of demand and determinants. Price elasticity of demand and income. The income elasticity of demand. The cross elasticity of demand.

2. The behavior of companies.

The company's production decisions and profit maximization. Determinants of the company's supply. The perfect competition.

3. Demand and supply. Market efficiency. Consumer surplus.

Determination of market equilibrium: The price. The price as a mechanism for allocating resources. The consumer surplus. The efficiency of the markets

4. Market failures.

Concept of externality or external cost. Externalities and economic efficiency. Negative and positive externalities. The difference between public goods and private goods to economic theory. The regulation of this type of goods.

5. The international market and trade policy instruments.

The gains from international trade. Tariffs Basic analysis of the tariff. The effective protection of a tariff. Costs and benefits of a tariff. Export subsidies. Import quotas. Quotas for exports. The prices support. Voluntary trade restrictions. Other commercial policy instruments. Commercial policy and income distribution.

6. Other types of market.

Market power: the monopoly. Why do monopolies exist? Monopoly and perfect competition. Oligopoly Strategic behavior. Game theory and the prisoner's dilemma. The monopolistic competition.

7. Macroeconomic data.

Income and expense of the economy. The Gross Domestic Product (GDP). Calculation of real GDP. Work market. Definition and measurement of the consumer price index.

8. Agriculture and agricultural policy.

The characteristics of agricultural markets. Agricultural policies European economic integration. Origin and basic principles of the Common Agricultural Policy (CAP). Institutional regulation of prices and markets.

9. The problems of the CAP. International trade in agricultural products.

The problems of the CAP. International Commercial Conflicts The Uruguay round of GATT. The negotiation rounds of the World Trade Organization.

10. The reforms of the CAP.

The MacSharry reform of 1992. The Agenda 2000 and the reform of the CAP. The intermediate reform of the CAP (2003). The PAC 2014-2020. The new PAC 2023-2027.

11. Agrarian Valuation

Main concepts and applications. Synthetic methods. Statistical methods. Analytical or income capitalization method. Objective-subjective assessment. The rustic farm market.

## Methodology

Type of activity	Description	Classroom activity student		Non-contact activity student		Assessment *	Total time	ECTS
		Objectives	Hours	Student work	Hours	Hours	Hours	Hours
Master class	Master classl (Classroom Large Group)	Explanation of the main concepts	34	Study: Understanding, and synthesizing knowledge	48	4	86	3.44
Problems i cases	Participatory Class (Classroom Large Group)	Resolution of problems and cases	6	Learn to solve problems and cases	12	2	20	0.8
Seminar	Classe Participativa (Aula Grup Mitjà)	Carrying out execution or application activities	10	Resoldre problemes i casos. Discutir	20		30	1.2
Laboratory	Pràctica de Laboratori (Grup Mitjà)	Execució de la pràctica: comprendre fenòmens, mesura...		Study and realize report				
Computer Room	Practice Computer Room (Middle Group)	Execution of the practice	4	Study and realize repor	10		14	0.56
<b>Pràctica de camp</b>	Pràctica de camp (grup mitjà)	Execució de la pràctica: comprendre fenòmens, mesura...		Estudiar i realitzar memòria				
<b>Visites</b>	Visita explotació o industries	Realització de la visita		Estudiar i realitzar memòria				
Activitats dirigides	Treball del alumne ( indiv.o grup)	Orientar al alumne en el treball (en horari de tutories)		Realitzar un treball bibliogràfic,pràctic, etc				
Altres								
<b>Totals</b>			54		90	6	150	6

## Evaluation

### Continued evaluation

The mark of the subject is 75% for the exams, 15% of the practices and 10% of the participation.  
The recovery exam is for the whole course.

### Alternative evaluation

In the event that a student certifies documentally (work contract and summary of work life issued by the Treasury of the Social Security) who works with a full day during the academic year and, therefore, can not meet the requirements established for the Continuous evaluation, you can choose to perform a single test of validation of competences and knowledge that will be carried out in the weeks indicated for these purposes in the calendar of evaluation of qualifications. The application for this type of assessment must be carried out before February 26 with documentary accreditation and, once done, it can not be modified.

In accordance with art. 3.1 of the UdL assessment regulations, the student can not use, in any case, during the conduct of the evaluation tests, means not allowed or fraudulent mechanisms. The student who uses any fraudulent means related to the test and / or carry electronic devices not allowed must leave the test or test and will be subject to the consequences provided in this regulation or any other regulations of the internal regime of the UdL.

## Bibliography

### Basic Bibliography

García Álvarez-Coque, J.M. (coord.). (2006). *La reforma de la política agraria común*. Eumedia SA. Madrid.

García Delgado, J.L. y García Grande, M.J. (direct). (2005). *Política agraria común: balance y perspectivas*. Colección Estudios Económicos, nº 34, la Caixa, Barcelona.

Krugman, P. y Wells, R. (2006). *Introducción a la Economía. Microeconomía* Editorial Reverté, Barcelona.

Sloman, J. (1997). *Introducción a la microeconomía*, 3ª ed. Prentice may, Madrid.

Caballer, V. (2008). *Valoración Agraria: Teoría y práctica*. 5ª edición. Mundi-Prensa. Madrid.

Alonso, R. y Serrano, A. (2007). *Valoración Agraria: Casos Prácticos de Valoración de Fincas*. 2ª edición. Editorial Agrícola Española, Madrid.

### Bibliography complementary

Feenstra, R.C. y Taylor, A.M. (2011). *Comercio Internacional*, Editorial Reverté, Barcelona. Krugman, P. R. y Obsteld, M. (1999). *Economía Internacional. Teoría y Política*, McGraw Hill,

4ª Edición, 1999, Madrid.

Lipsey, R.G. y Chrystal, K.A. (1999). *Economía Positiva*, Vicens Universidad, Barcelona.

Mankiw, N.G. (2004). *Principios de Economía*. McGraw-Hill, Madrid

Penson, J. B., Capps, O., y Parr Rosson, C. (1995). *Introduction to Agricultural Economics*, Prentice Hall, New Jersey.

Samuelson, P. y Nordhaus, W . (2006). *Economía*, McGraw-Hill, Madrid. Stiglitz, J.E. (1999). *Microeconomía*, Ariel, Barcelona