

**COURSE DATA****DATA SUBJECT****Code:** 43777**Name:** Economics of social security**Cycle:** Master's Degree**ECTS Credits:** 3**Academic year:** 2026-27**STUDY (S)**

Degree	Center	Acad. year	Period
2171 - Master's Degree in Actuarial and Financial Sciences	Facultat d'Economia	1	First quarter

**SUBJECT-MATTER**

Degree	Subject-matter	Character
2171 - Master's Degree in Actuarial and Financial Sciences	Economic environment and legal framework	COMPULSORY

**COORDINATION**

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**SUMMARY**

The Social Security Economics course is part of the Economic Environment Module, along with the other courses included in this module: Insurance Law and Ethical Standards, Insurance Accounting, and Taxation of Insurance and Financial Transactions.

This course, like the other courses in the module, is located in the first semester of the first year. Its location reflects the educational importance it has at the beginning of the curriculum, helping to establish the area of study and expanding the knowledge that will be used transversally in subsequent courses.

In addition to supporting subsequent courses, the course is also useful professionally, as some of the content and skills acquired are directly applicable during professional practice. Ultimately, it aims to develop initiative, creativity, responsibility, and a critical spirit. Regarding the objectives, the Social Security Economics course aims, in a general sense, to contribute to providing future graduates with the ability to master the various concepts of Public Economics that are necessary for the development of the techniques and procedures specific to the discipline and for professional practice. In particular, it aims to introduce students to the public actions of Provision,



Financing, and Regulation in the area of economic security, so as to develop the ability to understand, compare, and assess the various public and private instruments used in social security, and in the broader context of economic security coverage. Specifically, the objective is to introduce, from an economic perspective, the Social Security Benefits and Contributions System, focusing, to a greater extent, on retirement benefits.

## PREVIOUS KNOWLEDGE

### RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

There are no specified enrollment restrictions with other subjects of the curriculum.

### OTHER REQUIREMENTS

No prerequisites for enrollment have been established. However, to adequately understand the contents of this course, students must be familiar with the basic content taught in social science studies. For example, students must have basic prior knowledge of Public Economics and Social Security Law.

## COMPETENCES / LEARNING OUTCOMES

### 2171 - Master's Degree in Actuarial and Financial Sciences

Conocer y ser capaces de valorar los distintos instrumentos públicos y privados utilizados en el entorno de la previsión social.

Students should apply acquired knowledge to solve problems in unfamiliar contexts within their field of study, including multidisciplinary scenarios.

Students should be able to integrate knowledge and address the complexity of making informed judgments based on incomplete or limited information, including reflections on the social and ethical responsibilities associated with the application of their knowledge and judgments.

Students should demonstrate self-directed learning skills for continued academic growth.

## DESCRIPTION OF CONTENTS

### 1. Identification of problems in economic security coverag

1.1 Private Insurance and Public Actions

1.2 Transaction Costs and Gross Profit Margin



1.3 Asymmetric Information: Concealment or Manipulation

1.4 Discriminatory Differentiation of Clients

1.5 General (Social) Risks

1.6 Demand: Pensions as Merit Wants

## **2. Economic Security Systems**

2.1 Actions, Systems, and Instruments

2.2 Basic Social Security Models

2.3 Social Security: Concept and Purpose

## **3. Spanish Social Security**

3.1 Evolution of Spanish Social Security

3.2 Main Characteristics of the Current Model

3.3 Main Features of the Spanish Social Security System

## **4. Retirement Benefits**

4.1 Benefit Regimes and Financial Techniques

4.2 Capitalization and Distribution

4.3 Design of Benefit Systems

**4.4 Sources of Funding****WORKLOAD****PRESENCIAL ACTIVITIES**

Activity	Hours
Theory	15,00
Classroom practices	15,00
<b>Total hours</b>	<b>30,00</b>

**NON PRESENCIAL ACTIVITIES**

Activity	Hours
Attendance at other activities	0,00
Individual or group project	0,00
Independent study and work	10,00
Preparation of lessons	20,00
Preparation for assessment activities	5,00
Resolution of case studies	10,00
<b>Total hours</b>	<b>45,00</b>

**TEACHING METHODOLOGY**

During the course, the program's contents will be covered, combining theoretical content with practical exercises and scenarios. Various assignments will be given, which students must submit in the manner and on the date specified throughout the course. To this end, all available resources (whiteboard, screen presentation, etc.) deemed most appropriate for achieving the proposed objectives will be used, as needed, in each case.

In general, classes will combine lecture methodology with problem-solving and practical work: On the one hand, the professor will highlight the fundamental aspects of each topic and guide the student through relevant bibliography, which must be consulted to complete and deepen the subject. On the other hand, practical work will consist of questions and exercises applied to the economic and legal fields, which the student must solve, proceeding, where appropriate, to a relevant discussion of the solution. The available teaching materials can be accessed from the virtual classroom, <http://aulavirtual.uv.es>

**EVALUATION**

In general, the teacher evaluation procedure will be as follows:

1. A written exam, which may consist of theoretical questions, real-life problems, and case studies (it will



account for at least 60% of the final grade).

A grade of 5 out of 10 must be achieved on this written exam for it to be added to the rest of the grade.

2. An evaluation of the practical activities carried out by the student, based on the preparation of assignments/reports/tests, and/or oral presentations, with a defense of the positions developed.

For the assessment of the proposed activities and tasks, these must be submitted on the date and in the manner stipulated for each one.

3. Continuous assessment based on class attendance and other in-person training activities, as well as participation and involvement in the teaching-learning process.

To pass the course, a minimum grade of 5 out of 10 is required.

Notes:

If the student did not pass the first call, the grades obtained from assignments submitted and continuous assessment during the course will be carried over to the second call. Continuous assessment cannot be recovered in the second call; therefore, assignments that were not passed or not submitted during the course cannot be submitted for this second call.

The same assessment and weighting criteria will be used in the second call.

## REFERENCES

BARR, N. (2002): Reforma de las pensiones: mitos, verdades y opciones políticas», en Revista Internacional de Seguridad Social, vol. 55, no 2. - BARR, N. y DIAMOND, P. (2012): La reforma necesaria. El futuro de las pensiones. El Hombre del Tres. Madrid - COMISIÓN EUROPEA (2010): Libro Verde, Bruselas, SEC(2010)830 Lugar de publicación (4/7/2018) <https://bit.ly/2tZSASg> -COMISIÓN EUROPEA (2012): Libro Blanco. Agenda para unas pensiones adecuadas, seguras y sostenibles. Bruselas, COM(2012) 55 final Lugar de publicación (4/7/2018) <https://bit.ly/2tZSASg> - MINISTERIO DE TRABAJO, MIGRACIONES Y SEGURIDAD SOCIAL: Seguridad Social Lugar de publicación <https://bit.ly/2KHwM8A> - OLMEDA DIAZ, M. (1990): Sector Público y Presupuesto del Estado: la diferenciación entre actuaciones públicas. Revista valenciana de Hacienda Pública, nº 12 págs. 17-41 - SALVADOR CIFRE, C. (2018): Economía de la Seguridad Social. Parte I y Parte II. Tirant Lo Blanch, Valencia ¿ CONDE-RUIZ, J.I.; JIMÉNEZ-MARTIN, S: "Envejecimiento y Jubilación". APUNTES 2024/07. FEDEA CSIF:"Informe brecha salarial", febrero 2024. CSIF European Anti-Poverty Network: ¿El impacto de las pensiones de viudedad y no contributivas en las necesidades de atención sociosanitarias". Diciembre 2022 EAPN