



COURSE DATA

DATA SUBJECT

Code: 42692
Name: Health economics and macroeconomics
Cycle: Master's Degree
ECTS Credits: 3.5
Academic year: 2025-26

STUDY (S)

Degree	Center	Acad. year	Period
2124 - Master's Degree in Public Health and Healthcare Management	Facultat de Farmàcia i Ciències de L'alimentació	1	First quarter

SUBJECT-MATTER

Degree	Subject-matter	Character
2124 - Master's Degree in Public Health and Healthcare Management	Health economics	COMPULSORY

COORDINATION

ALFONSO SANCHEZ JOSE LUIS

PAZ GARCIA JOSE VICENTE

SUMMARY

1.-Health economics and healthcare macroeconomy. It is important that students understand the overall functioning of the economy, primarily applied to the health sector. They must manage macroeconomic indicators and the public sector. They must understand the information reflected by the macroeconomics distinguishing factors related to distribution, production and health equity. Besides considering the pharmaceutical expenditure as one of the most important components of health expenditures they must know the methods of control of pharmaceutical field and pharmacoeconomics.

PREVIOUS KNOWLEDGE

RELATIONSHIP TO OTHER SUBJECTS OF THE SAME DEGREE

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

OTHER REQUIREMENTS

The recommended profile is the person in possession of an official Spanish university degree or a



certificate issued by an institution of higher education in the European Higher Education Area that entitle the issuing country for access to Master's teachings. Also, can also access the / as graduates / as from educational systems outside the European Higher Education Area without the approval of their qualifications, upon verification by the University that those certify a level of education equivalent to t

COMPETENCES / LEARNING OUTCOMES

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Be able to integrate into teams, both as managers or coordinators and for specific and limited functions and in support of the team or of others.

Capacidad de integrar las nuevas tecnologías en su labor profesional y/o investigadora.

Capacidad para aplicar los conocimientos adquiridos a la resolución de problemas en salud pública.

Capacidad para formular una hipótesis, diseñar y desarrollar un proyecto de investigación.

Capacidad para integrar conocimientos y enfrentarse a la complejidad de formular juicios y tomar decisiones a partir de una información que, en muchas ocasiones es incompleta o limitada, e incluya reflexiones sobre las responsabilidades sociales y éticas vinculadas a la aplicación de sus conocimientos y juicios.

Capacitarlo para trabajar en equipos multidisciplinares reproduciendo contextos reales y aportando y coordinando los propios conocimientos con los de otras ramas e intervinientes.

Comprender las bases fundamentales de la economía sanitaria, el mercado sanitario, y las técnicas de evaluación sanitaria.

Conocer la organización del sistema sanitario español y las principales diferencias y similitudes a nivel autonómico.

Conocer las peculiaridades de los servicios sanitarios y la ordenación del sistema de salud.

Conocer los conceptos propios de la medicina preventiva, la epidemiología, y la salud pública, su relación con el contexto socioeconómico y su evolución a lo largo del tiempo.

Critically analyze both his/her work and that of the colleagues.

Dotarles de práctica en las técnicas de exposición oral, escrita, presentaciones, paneles, etc- para comunicar sus conocimientos, propuestas y posiciones.

Participate in, lead and coordinate debates and discussions, be able to summarize them and extract the most relevant conclusions accepted by the majority.

Poder aplicar sus conocimientos sobre problemas concretos y saber resumir y extraer los argumentos y las conclusiones más relevantes para su resolución.

Saber trabajar en equipo con eficacia y eficiencia, y con capacidad de comunicación 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 communicate conclusions and underlying knowledge clearly and unambiguously to both specialized and non-specialized audiences.

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

Students should possess and understand foundational knowledge that enables original thinking and research in the field.

DESCRIPTION OF CONTENTS

1. Economy.

Introduction to the general economy.
Application of economics to the healthcare sector.
Main factors of health economics

2. Health macroeconomics

Concept and content of health macroeconomics.
Macroeconomic indicators.
Deflators of economy.
Law of demand and supply and aggregate demand.
Economic cycles and inertia ratings.
Inflation and monetary policy. Inequality in the distribution of income and disease.

WORKLOAD

PRESENCIAL ACTIVITIES

Activity	Hours
Theory	28,00
Total hours	28,00

NON PRESENCIAL ACTIVITIES

Activity	Hours
Attendance at other activities	2,00
Individual or group project	14,00



Independent study and work	15,00
Preparation of lessons	13,00
Preparation for assessment activities	10,50
Resolution of case studies	0,00
Total hours	54,50

TEACHING METHODOLOGY

Theoretical lessons.

Reading and discusi3n of documents.

Resolution of practical cases.

Resolution of problems.

Problem solving.

Work aided in computer classroom.

Work in groups tutorized.

Projects development .

Seminars .

EVALUATION

Theory assessment. 85%

Attendance and participation in classes. 15%

REFERENCES

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