



## COURSE DATA

### Data Subject

<b>Code</b>	42692
<b>Name</b>	Health economics and macroeconomics
<b>Cycle</b>	Master's degree
<b>ECTS Credits</b>	3.5
<b>Academic year</b>	2019 - 2020

### Study (s)

Degree	Center	Acad. year	Period
2124 - M.U. en Salud pública y gestión sanitaria 12-V.1	Faculty of Pharmacy	1	First term

### Subject-matter

Degree	Subject-matter	Character
2124 - M.U. en Salud pública y gestión sanitaria 12-V.1	4 - Health economics	Obligatory

### Coordination

Name	Department
ALFONSO SANCHEZ, JOSE LUIS	265 - Prev. Medicine, Public Health, Food Sc.,Toxic. and For. Med.
PAZ GARCIA, JOSE VICENTE	110 - Applied Economics

## 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

## OUTCOMES

### LEARNING OUTCOMES

The teaching-learning process in this area will help the students acquire basic skills, general and cross-listed in the general content of the Master, and in particular the development of specific skills more directly related to the following contents:

In Economy and health macroeconomics the students should have learned the basics of economics, macro and microeconmía care. Should handle basic macroeconomic indicators and relate to health. Must also understand the system of financing health systems. On the other hand must integrate their knowledge in health indicators and inequality and the distribution curves of health and income inequalities.

## 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**

ACTIVITY	Hours	% To be attended
Theory classes	28,00	100
Attendance at events and external activities	2,00	0
Development of group work	14,00	0
Study and independent work	10,00	0
Readings supplementary material	5,00	0
Preparation of evaluation activities	10,50	0
Preparing lectures	9,00	0
Preparation of practical classes and problem	4,00	0
<b>TOTAL</b>	<b>82,50</b>	

**TEACHING METHODOLOGY**

Theoretical lessons.

Reading and discusion 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****Basic**

- Detels R, Beaglehole R, Lansang MA, Gulliford M (eds). Oxford textbook on Public Health. Oxford University Press Inc, 2009.
- Sierra López A, Saénz González MC, Fernández-Créhuet Navajas J, Salleras Sanmartí L, Cueto Espinar A, Gestal Otero J, Domínguez Rojas V, Delgado Rodríguez M, Bolumar Montrull F, Herruzo Cabrera R, Serra Majem L (dirs.). Medicina Preventiva y Salud pública. 11ª ed. Barcelona: Elsevier-Masson, 2008.
- Galindo M. Economía para todos. Intermedio Editores. Colombia 2002.



- Gimeno JA, Rubio S, Tamayo P. Economía de la salud: Fundamentos. Ed Diaz de Santos, Madrid: 2006
- Gisbert R: Economía y Salud. Economía, gestión económica y evaluación en el ámbito sanitario. Barcelona: Masson, 2002
- Rodriguez M, Urbanos R. Desigualdades sociales en salud. Factores determinantes y elementos para la acción. Ed Elsevier Masson, Barcelona: 2008.
- Morgan A, Davies M and Ziglio E Health Assets in a Global Context: Theory Methods Action. New York: Springer, 2010
- Hidalgo A, Corugedo I, Del Llano J. Economía de la Salud. Madrid: Pirámide, 2000.

#### **Additional**

- Malthus, TR. Ensayo Sobre el Principio de la Población. Fondo de Cultura Económica. México.1951.
- Monchon, F. Economía, teoría y política. Quinta edición. McGRAW HILL. España. 2005
- Porter, M. E. and E. O. Teisberg. 2004. Redefining competition in health care. Harvard Business Review (June): 64-76.
- Lehtonen, T. 2007. DRG-based prospective pricing and case-mix accounting - Exploring the mechanisms of successful implementation. Management Accounting Research (September): 367-395.
- Smith, A. Investigación sobre la Naturaleza y Causa de la Riqueza de las Naciones.Tercera reimpresión de la primera edición en español. Fondo de Cultura Económica. México. 1982

#### **ADDENDUM COVID-19**

**This addendum will only be activated if the health situation requires so and with the prior agreement of the Governing Council**

##### **1. Continguts / Contenidos**

No se ha modificado nada

##### **2. Volum de treball i planificació temporal de la docència / Volumen de trabajo y planificación temporal de la docencia**

No se ha modificado nada

##### **3. Metodología docente / Metodología docente**



No se ha modificado nada

#### **4. Avaluació / Evaluación**

Hay que pensar que en el momento del estado de alarma por la epidemia COVID, la asignatura ya se había expuesto completamente con los trabajos recogidos, por lo que solo se modifica el apartado de examen.

En definitiva no se ha modificado nada. Excepto que se va a hacer el examen de forma no presencial. Resto igual número de preguntas, el mismo tiempo y posiblemente el mismo grado de dificultad.

#### **5. Bibliografía / Bibliografía**

No se ha modificado nada