



UNIVERSITY OF PIRAEUS

1) GENERAL

SCHOOL	ECONOMICS, BUSINESS AND INTERNATIONAL STUDIES		
ACADEMIC UNIT	ECONOMICS		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	OKΔAY06	SEMESTER	6
COURSE TITLE	HEALTH CARE ECONOMIC EVALUATION AND MANAGEMENT		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS	
Lectures	4	5	
COURSE TYPE	Scientific Expertise		
PREREQUISITE COURSES	-		
LANGUAGE OF INSTRUCTION and EXAMINATIONS	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	https://eclass.unipi.gr/courses/OEP228/		

2) LEARNING OUTCOMES

Learning Outcomes

The aim of this course is to introduce students to the tools of economics as applied to the health care sector as an aid to decision making and resource allocation within the health care sector. The course covers the principles of risk and insurance, competition and choice and equity and efficiency in the provision of health care services. The course explores specific issues within a range of health care systems and discusses challenges to health care reform. Analysis of health system organisation as it impacts on these issues is also addressed. A mixture of theory and applications will be pursued. The fundamental course objective is to provide an introductory understanding of the issues that arise in reforming and financing health care and in organising health care markets.

Upon successful completion of the course, students will have acquired a very good basic understanding of the issues that arise in reforming and financing health care and in organising health care markets.

More specifically they will have acquired:

- (i) a way of thinking about health production, demand and the provision of health care and health care insurance.
- (ii) an understanding of the economic principles guiding health policy making.
- (iii) a clear analytical way of examining health care reforms and health systems.

General Competences

- Analytical way of thinking
- Critical appraisal
- Decision making

3) SYLLABUS

- Overview - Health care expenditure and introduction to markets
- Health care as a commodity
- Market failure
- Market failure in providing health care
- The theory of insurance
- Market failure in providing health insurance
- Containing costs – Incentives, regulation and managed care
- Reimbursement and incentive contracts in health care
- Principal-agent relationships in health care
- Economic evaluation in health care
- Theoretical justification for economic evaluation
- Forms of economic evaluation of health care programmes - Cost-minimisation analysis, Cost-effectiveness analysis, Cost-utility analysis, Cost-benefit analysis

4) TEACHING and LEARNING METHODS

DELIVERY	In-class lectures	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	Use of ICT in lectures	
TEACHING METHODS	Activity	Semester workload
	Lectures	52
	Individual Study	71
	Exam	2
	Course Total	125
STUDENT PERFORMANCE EVALUATION	The assessment is based on a written examination that is worth 100% of the final mark.	
ATTACHED BIBLIOGRAPHY	<p>-Recommended bibliography:</p> <ul style="list-style-type: none">• Morris S, Devlin N, Parkin D, Spencer A. Economic Analysis in Health Care. Broken Hill Publishers, 2017. (This has been originally published in English as: Morris S, Devlin N, Parkin D, Spencer A. Economic Analysis in Health Care. Wiley Publications, 2012.)• Drummond M, O'Brien B, Stoddart G, Torrance G. Methods for the Economic Evaluation of Health Care programmes. Athens: Kritiki Publishers, 2002. (This has been originally published in English as: Drummond M, O'Brien B, Stoddart G, Torrance G. Methods for the Economic Evaluation of Health Care programmes. Oxford Medical Publications, 1997).	