



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	健康經濟分析(一)			學年/學期 Academic Year/Semester	111/1
課程名稱(英文) Course Name in English	Health Economic Analysis(I)				
科目代碼 Course Code	EC_75100	系級 Department & Year	博士	開課單位 Course-Offering Department	經濟學系
修別 Type	選修 Elective	學分數/時間 Credit(s)/Hour(s)		3.0/3.0	
授課教師 Instructor	/尤素娟				
先修課程 Prerequisite					
課程描述 Course Description					
<p>This course is an introduction to health economics at the graduate level. The course will focus on recent empirical work related to investigating how different aspects of the health care system function and assessing the implications for different policies designed to improve that functioning. We will also measure health insurance's welfare impacts and market structure.</p> <p>The course's primary goals will be (i) to Assist students in understanding health economics concepts and analytical tools. (ii) Train students to connect economic theory with the health economic phenomenon to establish students' basic concepts and extended views in health economics, and (iii) Analyze and discuss current research and development on healthy economies.</p> <p>1. 協助學生瞭解健康經濟學概念及分析工具 2. 培養學生銜接經濟理論與健康經濟現象，進而運用經濟理論分析、解釋經濟現象之能力 3. 建立學生對於健康經濟學領域的基礎概念與延伸觀點 4. 分析並討論現行健康經濟的研究與發展</p>					
課程目標 Course Objectives					
應用經濟分析之方法探討醫療保健市場的行為，進而討論本國健保制度的利弊得失。					
系專業能力 Basic Learning Outcomes					課程目標與系專業能力相關性 Correlation between Course Objectives and Dept.' s Education Objectives
A	數理分析能力：通曉經濟學的高階理論技巧，應用數學與賽局解決經濟議題的能力。 Mathematical analysis skills: Mastering in advanced application of mathematical theories and game theory in analyzing economic issues.				
B	實證經濟分析能力：通曉經濟學的高階實證技巧，善用資訊科技進行資訊蒐集、資料統計與計量分析。 Empirical analysis skills: Mastering in advanced application of statistics and econometrics in data collection and examination				○
C	微觀經濟之闡釋能力：通曉高階個體經濟學相關的理論與應用。 Microeconomic perspective: Thorough understanding of advanced microeconomic theories and relevant application				○
D	宏觀經濟之闡釋能力：通曉高階總體經濟學相關的理論與應用。 Macroeconomic perspective: Thorough understanding of advanced macroeconomic theories and relevant application				○
E	樂活能力：具備適應現代社會的高階學養以及就業能力。 Employment opportunities: Capabilities of advanced working on important policy and decision challenges in business and government				○
F	溝通表達能力：思路清晰，有能力與人溝通並撰寫高階專業研究報告。 Communication skills: Having a clear mind and profound ability in presenting advanced professional academic research				○

圖示說明Illustration：● 高度相關 Highly correlated ○ 中度相關 Moderately correlated

授課進度表 Teaching Schedule & Content

週次Week	內容 Subject/Topics	備註Remarks
1	Introduction: why Health Economics?	
2	Health Economics I: 1. Health Economics Defined 2. Historical Development	
3	Health Economics II: 1. The Nature of Medical Care 3. Current issues and challenges	
4	Using Economics to Study Health Issue 1. The Relevance of Economics in Health Care 2. Economic Optimization 3. Supply and Demand 4. The Competitive Model	
5	Analyzing Medical Care Markets 1. The Medical Care Marketplace 2. Market Failure 3. Market Failure in Medical Markets 4. Government Intervention in Medical Markets	
6	Economic Evaluation in Health Care 1. Importance of Economic Evaluation 2. Meaning of Economic Evaluation 3. Types of Economic Evaluation 4. Approaches to Modeling in Economic Evaluation 5. Standardization of Economic Evaluation Techniques	
7	Demand for Health and Medical Care 1. The Demand for Health 2. The Demand for Medical Care	
8	The Market for Health Insurance 1. Historical Setting 2. Private Insurance Demand	
9	期中考試週 Midterm Exam	
10	Medical Care for the Uninsured	
11	The Market for Health Care Professionals 1. The Theory of Labor Markets 2. The Market for Physicians' Services 3. Models of Physician Behavior 4. Controlling Physician Behavior 5. The Market for Nursing Services 6. The Market for Dental Services	
12	The Market for Hospital Services 1. The Role of the Not-for-Profit Organization in the Hospital Industry 2. Alternative Model of Hospital Behavior 3. The Trend toward Multihospital Systems	
13	Sociocultural Considerations 1. The Nature of Social Problems 2. The Economic Impact of Tobacco And Alcohol Use 3. Social Pathology	
14	The Aging of the Population 1. The Aging Population 2. Medical Care Costs for the Elderly	
15	Technology in Medicine 1. The Diffusion of New Technology 2. The Pharmaceutical Industry	

16	Policies That Enhance Access 1. Medicare: Medical Care for the Elderly 2. Medicaid: Medical Care for the Poor 3. Other Government Programs	
17	Policies to Contain Costs 1. Policy Options 2. Cost-Containment Strategies 3. Managed Care Strategies	
18	期末考試週 Final Exam/期末考試/ Medical Care Reform 1. The Push for Reform 2. The Moral Issue 3. The Goals of Reform 4. Individual State Initiatives 5. Health Insurance Mandates 6. Market Response to Uncertainty	

教學策略 Teaching Strategies

- ☒ 課堂講授 Lecture
☒ 分組討論 Group Discussion
☐ 參觀實習 Field Trip
- ☒ 其他 Miscellaneous: will be on key economic concepts that health economists use to analyze
health and healthcare markets. We will have lectures and discussions on

教學創新自評 Teaching Self-Evaluation

創新教學(Innovative Teaching)

- ☐ 問題導向學習(PBL)
☐ 團體合作學習(TBL)
☐ 解決導向學習(SBL)
- ☐ 翻轉教室 Flipped Classroom
☐ 磨課師 Moocs

社會責任(Social Responsibility)

- ☐ 在地實踐 Community Practice
☐ 產學合作 Industry-Academia Cooperation

跨域合作(Transdisciplinary Projects)

- ☐ 跨界教學 Transdisciplinary Teaching
☐ 跨院系教學 Inter-collegiate Teaching

- ☐ 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

學期成績計算及多元評量方式 Grading & Assessments									
配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	25%								
期中考成績 Midterm Exam	35%								
期末考成績 Final Exam	40%								
作業成績 Homework and/or Assignments									
其他 Miscellaneous ()									
評量方式補充說明 Grading & Assessments Supplemental instructions									
教科書與參考書目 (書名、作者、書局、代理商、說明) Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)									
1. The Economics of Health Reconsidered, Thomas Rice and Lynn Unruh, 4th ed., Health Administration Press, 2016 2. Health Economics & Policy, James W. Henderson, 6th ed., Thomson /South-Western, 2015. 3. 台灣的社會轉型與福利制度改革, 中央研究院, 近代史研究所, 2020 4. 健康保險, 楊志良主編, 巨流出版社 5. 醫療經濟學, 盧瑞芬、謝啟瑞合著, 學富出版社, 6. 各章節相關之中、英文文獻 7. Supplemental readings: Students are recommended to read the health care section of daily newspapers, weekly magazines re relative issues. Additional reading assignments will be given as deemed necessary.									
課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址) Teaching Aids & Teacher's Website(Including online teaching information. Personal website can be listed here.)									
若因應疫情採行線上上課須知：									
1. 請下載office 365 teams。學校有統一授權。說明請見下列網頁： http://www.elearn.ndhu.edu.tw/moodle/mod/resource/view.php?id=449247 首次使用請先至下列網址開通學校授權帳號 https://announce.ndhu.edu.tw/office365/enable.php (若學校信箱為xxx@gms.ndhu.edu.tw，則 office365 帳號 為 xxx@o365.ndhu.edu.tw，密碼與 xxx@gms.ndhu.edu.tw 信箱 相同。 加入後請輸入課程代碼進入課程 (代碼屆時公布)。 (團隊> +加入或建立團隊 >使用代碼加入團隊> 輸入代碼後就會直接進入教室) 若有問題者，也請來信告知帳號，我們將手動將你加入課程。									
2. 以便於課程互動，請大家確認攝影機跟麥克風運作良好。									
3. 非常時期，希望大家安康！									
若還有其他問題，都請同學隨時和我連絡！我的email是syu@gms.ndhu.edu.tw									

其他補充說明 (Supplemental instructions)

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Office Hours: meetings by email appointments during the COVID pandemic