

管院博士班課程大綱

PhD Program Syllabus

2026.07.21 修訂

系所 Department	經濟學系 Economics	必選修 compulsory/elective	必修 Compulsory
課程名稱 Course title	總體經濟理論 (二) Macroeconomic Theory (II)	學分數 Credit(s)	3
學年/學期 academic year/Semester	115 學年度第 1 學期	上課地點 Classroom	管院 322
講授教師 Instructor	王瑜琳 Yu-Lin Wang	上課時間 Time	Tuesdays 13:10~16:00
教師辦公室&諮詢時間 Instructor office number & office hour	MA309 Mondays 12:10~14:00	教師聯絡資訊 Instructor Contact	Phone: 34107 Email:ecdylw@gmail.com
助教 Teaching assistant		助教 聯絡資訊 TA contact	Email:
先修課程 Pre-requisite courses	總體經濟理論 (一) Macroeconomic Theory (I)		
課程目標 Course Objective	We will focus on basic general equilibrium concepts used in Macroeconomics as well as on tools used to analyze dynamic models. To be more specific, this course will emphasize on two kinds of dynamic models: one is the infinite-period representative agent model and the other is the overlapping generations model (OLG model). Both types of models are studied under the framework of general equilibrium with the firm microeconomic foundation as part of it. Although most of time we will use a discrete time version for discussion, we also learn how to deal with a continuous time version when the chosen models are presented in a continuous time setting. The organization of this course is tentatively scheduled as follows: I will start from introducing the OLG models, using the textbook of McCandless and Wallace (1991). You will see the result of the first welfare theorem that holds in most of the infinite-period representative agent models no longer holds here. In the real economies part of the book, we study the issues of a competitive equilibrium under pure exchanges or under a simple production technology; Ricardian equivalence; asset pricing, and growth. For the monetary economies part, whether or not money is neutral, legal restrictions and monetary policies will be discussed. As for the rest of the semester, we will cover a basic infinite-period representative agent model in which the equilibrium consumption and investment are determined (Blanchard and Fisher, 1989, Wickens, 2012). We will show the competitive equilibrium outcome under a decentralized economy coincides with the optimal outcome solved by a central planner. Then, I will use the first few chapters of Romer (2012) to discuss the topic of economic growth, from a simple exogenous growth		

	model to a more complicated endogenous growth model.			
AACSB 學習品質保證學習目標 Assurance of Learning (AOL) Learning goals				
*請先選填為主要或次要學習目標(Major or minor learning goal)，再選擇對應之學習目標				
主要學習目標 Major learning goal 目標 3：問題解決能力 LG3:Problem Solving Skills		次要學習目標 Minor learning goal 目標 4：全球視野 LG4:Global Perspectives		選擇一個項目。 選擇一個項目。
教材 Teaching materials	1. Blanchard, Oliver J. and Stanley Fisher, <i>Lectures on Macroeconomics</i> , 1989, MIT Press. 2. McCandless, George T. Jr. with Neil Wallace, <i>Introduction to Dynamic Mecroeconomic Theory : An Overlapping Generations Approach</i> , 1991, Harvard University Press 3. Romer, David, <i>Advanced Macroeconomics</i> , 4 th ed., 2012, McGraw-Hill. 4. Wickens, Michael, <i>Macroeconomic Theory: A Dynamic General Equilibrium Approach</i> , 2 nd ed., 2012, Princeton University Press.			
網址 Course website				
教科書/參考書 Textbooks/Reference	教科書：McCandless, George T. Jr. with Neil Wallace, <i>Introduction to Dynamic Mecroeconomic Theory : An Overlapping Generations Approach</i> , 1991, Harvard University Press			
評量方式(請填百分比) Assessment	課堂參與 Participation	%	個案討論 Case study	%
	作業 Homework	40%	專題 Project	%
	小考 Quiz	%	其他 1 other ()	%
	期中考 Midterm	30%	其他 2 other ()	%
	期末考 Final	30%	其他 3 other ()	%
	報告 Presentation	%	其他 4 other ()	%
其他說明 Other description				

課程規劃表 Course Schedule

週次 week	日期 Date	內容 Description	教材章節 Textbook
1.	115.09.08	Introduction (Syllabus)/OLG Model Ch1	Syllabus; Textbook Ch.1
2.	115.09.15	OLG Model Ch2 : Competitive Equilibrium	Textbook Ch.2
3.	115.09.22	OLG Model Ch3 : Introducing a Government	Textbook Ch.3
4.	115.09.29	OLG Model Ch5 : Long-Term Government Bonds	Textbook Ch.5
5.	115.10.06	OLG Model Ch6 : Infinitely Lived Assets	Textbook Ch.6
6.	115.10.13	OLG Model Ch8 : A Storage Technology	Textbook Ch.8
7.	115.10.20	OLG Model Ch10 : Monetary Economics	Textbook Ch.10
8.	115.10.27	OLG Model Ch12 : Legal Restrictions and Monetary Policy	Textbook Ch.12
9.	115.11.03	Midterm Exam	
10.	115.11.10	Consumption and Investment: Basic Infinite Horizon Models	Handout 1 and 1.1
11.	115.11.17	Consumption and Investment: Basic Infinite Horizon Models	Handout 1 and 1.1
12.	115.11.24	The Government in the Decentralized Economy	Handout 2
13.	115.12.01	Economic Growth I	Handout 3
14.	115.12.08	Economic Growth II	Handout 4
15.	115.12.15	Banking Models	Handout 5
16.	115.12.22	Final Exam	
17.	115.12.29	自主學習：應用經濟理論分析台灣總體經濟	
18.	116.01.05	自主學習：應用經濟理論分析台灣總體經濟	