



## 教學計劃表 Syllabus

|                                    |                   |                             |                                 |                                    |
|------------------------------------|-------------------|-----------------------------|---------------------------------|------------------------------------|
| 課程名稱(中文)<br>Course Name in Chinese | 貨幣銀行學             |                             | 學年/學期<br>Academic Year/Semester | 108/1                              |
| 課程名稱(英文)<br>Course Name in English | Money and Banking |                             |                                 |                                    |
| 科目代碼<br>Course Code                | EC_20600          | 系級<br>Department & Year     | 學三                              | 開課單位<br>Course-Offering Department |
| 修別<br>Type                         | 學程 Program        | 學分數/時間<br>Credit(s)/Hour(s) | 3.0/3.0                         |                                    |
| 授課教師<br>Instructor                 | /王友利              |                             |                                 |                                    |
| 先修課程<br>Prerequisite               | /*經濟學原理-總體篇       |                             |                                 |                                    |

### 課程描述 Course Description

This is an advanced Economics course. It covers a broad range of topics in the fields of Monetary Economics and Finance. In this course, we will discuss the financial and banking system including the issues of money, interest rates, financial structures...etc. We will also cover the topics of central banking and monetary theory. After this course, you will have a better understanding of how the financial system functions in the economy, how the central bank conducts its monetary policy, and the theories behind those policies.

### 課程目標 Course Objectives

提供金融貨幣之基本知識，俾同學有進一步了解總體經濟問題及分析政策效果之能力，並有助於學習更高深課程。

|   | 系專業能力<br>Basic Learning Outcomes  | 課程目標與系專業能力相關性<br>Correlation between Course Objectives and Dept.'s Education Objectives |
|---|---|---|
| A | 數理分析能力：應用數學與賽局理論分析與解決經濟議題的能力。Mathematical analysis skills: application of mathematical theories and game theory to analyze economic issues      |   |
| B | 實證經濟分析能力：善用資訊科技進行資訊蒐集、資料統計與計量分析。Empirical analysis skills: application of statistics and econometrics in data collection and examination        |   |
| C | 微觀經濟之闡釋能力：通曉個體經濟學相關的理論與應用。Microeconomic perspective: understanding of microeconomic theories and relevant application                           |   |
| D | 宏觀經濟之闡釋能力：通曉總體經濟學相關的理論與應用。Macroeconomic perspective: understanding of macroeconomic theories and relevant application                           | ●   |
| E | 樂活能力：具備適應現代社會的學養以及就業能力。Employment opportunities: capabilities of working on important policy and decision challenges in business and government | ●   |

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       | Why Study Money, Banking, and Financial Markets? |            |
| 2       | What is Money?                                   |            |
| 3       | An Overview of the Financial System              |            |
| 4       | An Overview of the Financial System              |            |

|    |  |  |
|----|--|--|
| 5  | The meaning of Interest Rates<br>The Behavior of Interest Rates                            |  |
| 6  | The Risk and Term Structure of Interest Rates  |  |
| 7  | The Stock Market, the Theory of Rational Expectations, and the Efficient Market Hypothesis |  |
| 8  | An Economic Analysis of Financial Structure  |  |
| 9  | 期中考試週 Midterm Exam   |  |
| 10 | Banking and the Management of Financial Institutions                                       |  |
| 11 | Economic Analysis of Financial Regulation  |  |
| 12 | Banking Industry: Structure and Competition  |  |
| 13 | Financial Crises in Advanced and Emerging Economies  |  |
| 14 | Quantity Theory, Inflation, and the Demand for Money                                       |  |
| 15 | Central Banks  |  |
| 16 | The Money Supply Process   |  |
| 17 | Tools of Monetary Policy<br>The Conduct of Monetary Policy: Strategy and Tactics           |  |
| 18 | 期末考試週 Final Exam   |  |

#### 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: Class Presentation and Classroom Games

#### 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:

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學期成績計算及多元評量方式 Grading & Assessments

| 配分項目<br>Items   | 配分比例<br>Percentage | 多元評量方式 Assessments |          |          |          |          |          |          |    |
|---|--------------------|--------------------|----------|----------|----------|----------|----------|----------|----|
|   |                    | 測驗<br>會考           | 實作<br>觀察 | 口頭<br>發表 | 專題<br>研究 | 創作<br>展演 | 卷宗<br>評量 | 證照<br>檢定 | 其他 |
| 平時成績 General Performance                                  | 10%                | ✓                  | ✓        | ✓        | ✓        |          |          |          |    |
| 期中考成績 Midterm Exam  | 30%                | ✓                  |          |          |          |          |          |          |    |
| 期末考成績 Final Exam  | 40%                | ✓                  |          |          |          |          |          |          |    |
| 作業成績 Homework and/or Assignments                          | 10%                | ✓                  |          |          | ✓        |          |          |          |    |
| 其他 Miscellaneous (class presentation and classroom games) | 10%                |                    |          | ✓        | ✓        |          |          |          |    |

評量方式補充說明

Grading & Assessments Supplemental instructions

Exams: 70%. There will be one mid-term exam and a comprehensive final examination. The mid-term exam will account for 30% and the final exam will account for 40% of your total grade.

General performance: 30%. It includes: quizzes, homework, classroom games, class presentation...etc. The purpose of these activities is to help you assimilate the materials taught in the class and prepare for the exams. Please note that late homework will not earn you any credit.

Importance: You should take the exams with your class. If you missed the exam for acceptable excuses such as a university-sponsored excursion, a critical illness or a death in your family, you must see me within a week after the exam to arrange for a make-up exam or receive no credit for that exam.

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.)

The Economics of Money, Banking, and Financial Markets, 12th Edition, Frederic S. Mishkin, Pearson Education.

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.)

其他補充說明 (Supplemental instructions)