

課程大綱

系所	財務金融學系	碩一年級
課號 / 班別	Fin7021 02班	3 學分
科目中文名稱	投資管理	
科目英文名稱	Investment Management	
授課時數	3小時	必修
教師姓名	陳聖賢	
Office	管二館603	
Tel	33661083	
Office Hours	By appointment	

<p>一、課程目標</p> <p style="text-align: center;">Goal</p>	<p>本課程目的在於幫助學生瞭解現代的投資理論與其對投資管理的應用。當您完成此課，您勢必對證券評價與投資組合管理有透徹的瞭解。您將具備基本的理論技能，使您得以瞭解現代投資學的發展，並且熟悉與投資有關的實務。</p> <p>This course intends to provide a basic understanding of modern investment theory and its application to investment management. When you finish this course, you should have a thorough understanding of security pricing and portfolio management. You will have basic theoretical skills enabling you to understand modern developments in investments and you will be familiar with investment practices.</p>
<p>二、修課條件</p> <p style="text-align: center;">Conditions</p>	<p>1. 限碩士班以上。</p> <p>2. 限財工組學生且未修過投資學者選修。</p>
<p>三、課程大綱</p> <p style="text-align: center;">Syllabus</p>	<p>本課程涵蓋下列領域：</p> <ol style="list-style-type: none"> 1. 投資組合概念： <ol style="list-style-type: none"> a. 風險規避與風險性資產的資本分配 b. 最適風險性投資組合 c. 指數模型 2. 資本市場均衡： <ol style="list-style-type: none"> a. 資本資產定價模型 b. 套利定價理論與多因子模型 c. 效率市場假說 3. 固定收益證券： <ol style="list-style-type: none"> a. 債券價格與殖利率 b. 債券投資組合管理 4. 權益評價模型 5. 投資組合績效評估 <p>The course will cover the following areas:</p> <ol style="list-style-type: none"> 1. Portfolio Theory:

	<ul style="list-style-type: none"> a. Risk Aversion and Capital Allocation to Risky Assets b. Optimal Risky Portfolios c. Index Models <ul style="list-style-type: none"> 2. Equilibrium in Capital Markets: <ul style="list-style-type: none"> a. The Capital Asset Pricing Model b. Arbitrage Pricing Theory and Multifactor Models of Risk and Return c. The Efficient Market Hypothesis 3. Fixed-Income Securities: <ul style="list-style-type: none"> a. Bond Prices and Yields b. Managing Bond Portfolios 4. Equity Valuation Models 5. Portfolio Performance Evaluation
四、指定用書 Textbook	Zvi Bodie, Alex Kane, Alan J. Marcus, and Ravi Jain, <i>Investments</i> , Asia Global Edition, McGraw-Hill Education (Asia), 2014. (華泰)
五、參考書籍 References	<ul style="list-style-type: none"> 1. Edwin J. Elton, Martin J. Gruber, Stephen J. Brown, and William N. Goetzmann, <i>Modern Portfolio Theory and Investment Analysis</i>, Eighth Edition, John Wiley & Sons, New York, NY, 2010. 2. Keith C. Brown and Frank K. Reilly, <i>Analysis of Investments and Management of Portfolios</i>, Tenth Edition, South-Western, Mason, OH, 2012. 3. Frank K. Reilly and Edgar A. Norton, <i>Investments</i>, Seventh Edition, South-Western, Mason, OH, 2007.
六、教學方式 Teaching Approach	口頭配合投影片教學(Lecture) (上課教材檔案：臺大財金系→師資內容→專任師資→陳聖賢老師Homepage→教學網站)
七、教學進度 Schedule of Progress	依課程大綱暫定如下： Week 1: 課程介紹 Week 2: 風險規避與風險性資產的資本分配 Week 3: 最適風險性投資組合 Week 4: 最適風險性投資組合 Week 5: 指數模型 Week 6: 資本資產定價模型 Week 7: 資本資產定價模型 Week 8: 套利定價理論與多因子模型 Week 9: 期中考 Week 10: 效率市場假說 Week 11: 效率市場假說 Week 12: 債券價格與殖利率 Week 13: 債券投資組合管理 Week 14: 權益評價模型 Week 15: 權益評價模型 Week 16: 投資組合績效評估

	<p>Week 17: 投資組合績效評估 Week 18: 期末考</p> <p>Proposed Lecture Schedule: Week 1: Course Introduction Week 2: Risk Aversion and Capital Allocation to Risky Assets Week 3: Optimal Risky Portfolios Week 4: Optimal Risky Portfolios Week 5: Index Models Week 6: The Capital Asset Pricing Model Week 7: The Capital Asset Pricing Model Week 8: Arbitrage Pricing Theory and Multifactor Models of Risk and Return Week 9: Mid-Term Exam Week 10: The Efficient Market Hypothesis Week 11: The Efficient Market Hypothesis Week 12: Bond Prices and Yields Week 13: Managing Bond Portfolios Week 14: Equity Valuation Models Week 15: Equity Valuation Models Week 16: Portfolio Performance Evaluation Week 17: Portfolio Performance Evaluation Week 18: Final Exam</p>
<p>八、成績評核方式</p> <p>Evaluation</p>	<p>期中考40%、期末考60%</p> <p>Midterm Exam: 40%</p> <p>Final Exam: 60%</p>