

**管院碩士班(含碩專班)課程大綱**  
**MS/MA Program Syllabus**

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| 系所<br>Department                                  | 國際財務金融管理碩士學位學程<br>(IMF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              | 必選修<br>compulsory/<br>elective      | 必修/選修              |
| 課程名稱<br>Course title                              | 永續金融與投資<br>Sustainable Finance and Investment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              | 學分數<br>Credit(s)                    | 3                  |
| 課號<br>Course Code                                 | 535563201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              | 全英文授課<br>English Taught(EMI)        | 是(YES)             |
| 學年/學期<br>academic<br>year/Semester                | 115-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                              | 上課地點<br>Classroom                   | 管院 103 教室          |
| 講授教師<br>Instructor                                | 牟翰奇 Alamgir Muhammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              | 上課時間<br>Time                        | 禮拜一<br>10:10-13:00 |
| 教師辦公室&諮詢<br>時間 Instructor<br>office & office hour |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 教師聯絡資訊<br>Instructor Contact | 分機:<br>Email: aalam@alum.ccu.edu.tw |                    |
| 助教<br>Teaching assistant                          | 待聘                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 助教聯絡資訊<br>TA contact         | Email:                              |                    |
| 先修課程<br>Pre-requisite courses                     | 無                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                                     |                    |
| 學習目標<br>Learning Objective                        | Upon successful completion of the course, students will be able to:<br>1. Explain the principles of sustainable finance, ESG investing, climate finance, and impact investing.<br>2. Evaluate major ESG reporting frameworks and corporate sustainability disclosures.<br>3. Identify, collect, and assess different types of ESG data for investment and business analysis.<br>4. Differentiate between conventional (brown) and green financial instruments, particularly conventional and green bonds, and evaluate their roles in corporate financing, investment decisions, and sustainability strategies.<br>5. Explain the role of green bonds, sustainability-linked finance, and carbon markets in promoting sustainable development and the transition to a low-carbon economy.<br>6. Apply ESG and sustainability considerations to investment analysis and portfolio decision-making.<br>7. Assess the relationship between sustainable finance, climate risk, and the Sustainable Development Goals (SDGs).<br>8. Critically analyze current trends, regulatory developments, and challenges in sustainable finance using real-world case studies. |                              |                                     |                    |
| 課程概述<br>Course Descriptions                       | This master level course examines the theoretical foundations and practical applications of sustainable finance and investment, with emphasis on climate finance, ESG integration, green bonds, sustainability-linked instruments, impact investing, and the UN Sustainable Development Goals (SDGs). Students critically evaluate ESG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                                     |                    |

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|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------------------|-----|
|                                                        | markets, sustainable investment strategies, and the economic rationale for sustainable capital allocation through academic literature, formal models, and real-world case studies.                                                                                                                                                                                                                                                                                                                                                                                                      |     |                       |     |
|                                                        | The course also develops practical skills in analyzing ESG reporting frameworks (GRI, SASB, TCFD, ISSB, and CSRD), collecting and evaluating sustainability data, assessing corporate disclosures, and understanding carbon markets and carbon pricing mechanisms. It concludes with an applied research project that integrates theoretical concepts and empirical analysis to address contemporary challenges in sustainable finance and investment.                                                                                                                                  |     |                       |     |
| 對應 AOL 職能素養(AOL Competency)                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     |                       |     |
| 職能素養 1(Competency 1): 創造力與創新 Creativity and Innovation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |     | 職能素養 2(Competency 2): |     |
| 課程類別<br>Course Attributes                              | <input type="checkbox"/> 人文關懷課程(Humanities Caring) <input type="checkbox"/> 競賽專題課程(Competition)<br><input checked="" type="checkbox"/> 問題導向課程(Problem-solving) <input checked="" type="checkbox"/> 專題導向課程(Project-based)<br><input checked="" type="checkbox"/> 實作課程(Practice-based) <input type="checkbox"/> 總整課程(Capstone)                                                                                                                                                                                                                                                            |     |                       |     |
| 教材編選<br>Teaching materials                             | <input checked="" type="checkbox"/> 自製簡報(self-made PPTs) <input checked="" type="checkbox"/> 課程講義(Teaching Notes)<br><input type="checkbox"/> 自編教科書(self-made textbooks) <input type="checkbox"/> 教學程式(programming)<br><input type="checkbox"/> 自製教學影片(self-made video) <input type="checkbox"/> 其他(Others)                                                                                                                                                                                                                                                                             |     |                       |     |
| 教學資源<br>Teaching Resources                             | <input checked="" type="checkbox"/> 課程網站(Website) <input checked="" type="checkbox"/> 實習網站(Intern Web)<br><input checked="" type="checkbox"/> 教材電子檔供下載(Downloadable Files)                                                                                                                                                                                                                                                                                                                                                                                                              |     |                       |     |
| 教科書/參考書<br>Textbooks/References                        | <div>1. Schoenmaker, D., &amp; Schramade, W. (2023). <i>Principles of Sustainable Finance (2nd ed.)</i>. Oxford University Press.</div> <div>2. Csapi, V., Takács, A., Szücs, T., Kuti, M., Tóth-Pajor, Á., Žager, K., Mamić Sačer, I., Sever Mališ, S., Pavić, I., Brozović, M., &amp; Žager, L. (Eds.). (2025) <i>Financial and Sustainability Reporting, Analysis and Valuation</i>. University of Pécs, Faculty of Business and Economics.</div> <div>3. Krosinsky, C., &amp; Robins, N. (2022). <i>Sustainable Investing: Revolutions in Theory and Practice</i>. Routledge.</div> |     |                       |     |
| 評量方式(請填百分比)<br>Assessment                              | (專題演講)參與<br>Participation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10% | 個案討論 Case study       | 10% |
|                                                        | 作業 Homework                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10% | 專題 Project            | 10% |
|                                                        | 小 考<br>Quiz/Research Paper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10% | 其他 1 other ( )        | %   |
|                                                        | 期中考 Midterm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20% | 其他 2 other ( )        | %   |
|                                                        | 期末考 Final                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 20% | 其他 3 other ( )        | %   |
|                                                        | 報告<br>Presentation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10% | 其他 4 other ( )        | %   |

## 課程規劃表 Course Schedule

| 週次<br>week | 日期<br>Date | 內容<br>Description                                                          | 教材章節<br>Textbook             | 其他說明<br>Remark |
|------------|------------|----------------------------------------------------------------------------|------------------------------|----------------|
| 1.         | 9/7        | Course Introduction                                                        |                              |                |
| 2.         | 9/14       | Sustainable Development, SDGs, Climate Change & Sustainable Finance        | Chapter 1                    |                |
| 3.         | 9/21       | ESG Framework, Rating Agencies & Global Regulations                        | Chapter 3 and Chapter 6      |                |
| 4.         | 9/28       | Corporate Governance, Responsible Business & ESG Reporting                 | Chapter 2                    | Case Study     |
| 5.         | 10/5       | Sustainability Challenges, Greenwashing & Corporate Strategy               | Book Chapter                 | Case Study     |
| 6.         | 10/12      | Stakeholder Theory, Legitimacy Theory & Double Materiality                 | Book Chapter                 | Case Study     |
| 7.         | 10/19      | Sustainability Reporting (GRI, ISSB, CSRD, TCFD)                           | Book Chapter                 | Case Study     |
| 8.         | 10/26      | Climate Risk, Carbon Markets & Energy Transition                           | Book Chapter + Reading Notes | Research Paper |
| 9.         | 11/2       | Mid-Term                                                                   |                              |                |
| 10.        | 11/9       | Green Bonds, Social Bonds & Sustainability-Linked Instruments              | Book Chapter                 | Research Paper |
| 11.        | 11/16      | ESG Investing, Portfolio Construction & Sustainable Asset Pricing          | Book Chapter                 | Research Paper |
| 12.        | 11/23      | ESG Integration in Firm Valuation, Cost of Capital & Corporate Finance     | Chapter + Reading Notes      | Research paper |
| 13.        | 11/30      | ESG and Green Bond Data Collection (Refinitiv, Bloomberg, Compustat, CRSP) | Eikon/CompStat/CRSP          | Lab Practice   |
| 14.        | 12/7       | Sustainable Finance Regulation, EU Taxonomy, ISSB & Future Trends          | Book Chapter + Reading Notes | Quiz 2         |
| 15.        | 12/14      | Group Project Presentation                                                 |                              |                |
| 16.        | 12/21      | Final Exam                                                                 |                              |                |