

## 國立暨南國際大學管理學院學士班必選修科目一覽表

# Undergraduate Program Course Catalog of Department of Bachelor of Business Administration, National Chi Nan University

本表(113)學年度入學新生適用 Effective for students admitted in Fall, 2024

最低畢業學分：128 學分，全校共同課程 16 學分，通識領域課程 15 學分，院必修 15 學分，班必修 21 學分，班必修專業課程 2 學分，主修學程 27 學分，副修學程 15 學分，自由選修 17 學分。 Undergraduate requirements: a minimum of 128 required credits, including 16 credits in the school-wide curriculum, 15 credits of General Education courses, 15 credits of collegial required courses, 21 credits of departmental required courses, 2 credits of departmental required professional courses, 27 credits of major program, 15 credits of minor program, and 17 credits of other elective courses.

### 壹、全校共同課程 1. School-Wide Curriculum

一、共同課程(必修16學分) A. School-Wide Required Courses (16 credits)			
課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	備註Notes (更正文)
	跨域專業學術英文(一)：文本解析與書寫 Cross-disciplinary ESAP: Textual Interpretation and Composition	2	自110學年度起，英文能力分班改為依照本校自辦英檢(OOPT)作依據，分為三級上課：前10%的同學將分配至「跨域專業學術英文(一)：文本解析與書寫(進階)/跨域專業學術英文(二)：思辨與表達(進階)/跨域專業學術英文(三)：跨文化溝通與表達(進階)」上課；中間80%的同學將分配至原班英文上課；後10%的同學將分配至「跨域專業學術英文(一)：文本解析與書寫(基礎)/跨域專業學術英文(二)：思辨與表達(基礎)/跨域專業學術英文(三)：跨文化溝通與表達(基礎)」上課。
	跨域專業學術英文(二)：思辨與表達 Cross-disciplinary ESAP: Critical Thinking and Expression	2	Since the first semester of 110 Academic Year (September 2021), the competence-based class grouping policy of Freshmen English (Course Title: Cross-disciplinary ESAP: Textual Interpretation and Composition) will be based on registered student's OOPT scores; Students will be accordingly divided into three different levels: advanced (top 10%), general (middle 80%) and basic (bottom 10%).
	跨域專業學術英文(三)：跨文化溝通與表達 Cross-disciplinary ESAP: Cross-Cultural Communicative Skills	2	
	中文思辨與表達一：閱讀書寫 Critical Thinking And Expression In Chinese ( I ) : Reading And Writing	2	僑外生修習「僑外生華語文」可抵通識人文領域課程，不得以「僑外生華語文」抵免中文思辨與表達課程。(Overseas students who take Chinese for Overseas Students can be credited in field of Humanities, but cannot be certified as Critical Thinking And Expression In Chinese.)
	中文思辨與表達二：多元應用 Critical Thinking And Expression In Chinese ( II ) : Multiple Applications	2	

	社會服務學習 Service Learning	1	依所屬學系分班上課，無特殊原因不得跨班選課。 (Students are divided into groups by their own department, without any proper reasons they cannot change the decision.)
	資訊科技 Information Technology	1	每學年於上學期開課，不分學系上課。 (Freshmen take courses in the first semester of each academic year, regardless of department.)
	大一體育(上)Physical Education (1)	1	上學期依所屬學系分班上課，無特殊原因不得跨班選課，惟未達40人之學系、院學士班班級，則採合併班開課；下學期則依運動項目分班，自由選課。 (In the first semester of freshman, students are arranged to take Physical Education (1) by their original department. Without any proper reasons, change will be prohibited. If a class of the department or the interdisciplinary program that is less than 40 students, the combined class will be adopted. In the second semester of freshman, students are able to take Physical Education (2) by their interesting.)
	大一體育(下)Physical Education (2)	1	
	特色運動 (Featured Sports)	2	大二開始，每學期限修一項，畢業前須完成至少2項特色運動 (Students are limited to take 1 featured sports course each semester since sophomore. At least 2 featured sports courses are required before graduation.)
	通識講座 General Education Seminar	0	畢業前至少應出席6場。(Students are required to attend at least 6 lectures before graduation.)

## 二、共同選修課程 (各系依共同選修加列課程) B. School-Wide Elective Courses

	第二外語 (Second Foreign Languages)		含日文、韓文、法文、德文及西班牙文等。 (Including Japanese, Korean, French, German and Spanish, etc.)
	東南亞語言(Southeast Asia Languages)		含泰語、越南語、緬甸語、印尼語及馬來語，可抵特色通識領域。(Including Thai, Vietnamese, Burmese, Indonesian and Malay. These courses can be credited course credits in Topical General Education)
	進階語文(Advanced English)		
	其他選修(Other Elective Course)		

貳、通識領域課程(至少15學分) 2. General Education Courses

領域 Field (須修習資訊科技與自主學習課程) (Information Technology and Self-directed Learning courses are required)		學分數 Credits	備 Notes	註
人文領域 Humanities	文學與藝術(Literature and Art)	3	至少修習3學分。(Students should attend a total of at least 3 credits.)	
	歷史哲學與文化(History, Philosophy and Culture)			
	AI文創協作(AI Collaboration in Cultural Creativity)			
社會領域 Society	法政與教育(Law, Politics and Education)	3	至少修習3學分。(Students should attend a total of at least 3 credits.)	
	社經與管理(Society, Economy and Management)			
	資料科學分析(Data Science Analysis)			
自然領域 Nature	工程與科技(Engineering and Technology)	3	至少修習3學分。(Students should attend a total of at least 3 credits.)	
	生命與科學(Life and Science)			
	程式設計(Programming)			
特色通識領域 Topical General Education	國際連結(International Connection)	3	至少修習3學分。(Students should attend a total of at least 3 credits.)	
	淨零永續(Net-Zero Sustainability)			
	社會創新(Social Innovation)			
<p>通識各主領域課程(人文、社會、自然及特色通識)得單一領域跨域認抵，至多4學分(需經通識教育中心認定之)                      General education courses from various fields (humanities, social, natural, and topical general education) can be cross-credited within a single field, up to a maximum of 4 credits (subject to approval by the General Education Center).</p> <p>領域課程15學分中，學生須至少修習二門資訊科技課程，且須包括自主學習類型課程1學分。                      Students are required to take at least two Information Technology courses and get 1 credit of Self-directed Learning courses out of the 15 credits of General Education Courses.</p>				

參、學系專業課程 3. Departmental Courses

基礎院本必修課程 (15學分) Foundational Required Courses (15 credits)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備 Notes	註
C20005	會計學及實習(一) Financial Accounting(1)	3	必 (R)	一上 Freshman 1st Semester		
510008	經濟學及實習(上) Economics (1)	3	必 (R)	一上 Freshman 1st Semester		

C20006	管理學 Management	3	必 (R)	一下 Freshman 2nd Semester	
510009	程式設計(上) Programming (1)	3	必 (R)	一下 Freshman 2nd Semester	
510010	統計學及實習(上) Statistics (I)	3	必 (R)	二上 Sophomore 1st Semester	

院學士班延伸院本必修課程 (21學分) Extended Required Courses (21 credits)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
510007	微積分及實習(上) Calculus (I)	3	必 (R)	一上 Freshman 1st Semester	
510004	微積分及實習(下) Calculus (2)	3	必 (R)	一下 Freshman 2nd Semester	
510005	會計學及實習(二) Financial Accounting(2)	3	必 (R)	一下 Freshman 2nd Semester	
510006	經濟學及實習(下) Economics (2)	3	必 (R)	一下 Freshman 2nd Semester	
510012	統計學及實習(下) Statistics (2)	3	必 (R)	二下 Sophomore 2nd Semester	
510016	統整實作專題與個案(1) Project(I)	3	必 (R)	三上 Junior 1st Semester	
510017	統整實作專題與個案(2) Project(II)	3	必 (R)	三下 Junior 2nd Semester	

院學士班延伸院本選修課程 (13學分) Extended Elective Courses (13 credits)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
510014	企業實習(一) Internship I	1	選 (E)	一 Freshman	
510015	企業實習(二) Internship II	2	選 (E)	一 Freshman	
	企業實習(三) Internship III	3	選 (E)	一 Freshman	
510021	資料視覺化 Data Visualization	3	選 (E)	三 Junior	
510018	統整實作專題與個案(3) Project(III)	3	選 (E)	四上 Senior 1st Semester	

**院學士班必修專業課程 (2學分) Required Courses (2 credits)**

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
510001	生涯導航(1) Topics on Career Development (1)	1	必 (R)	一上 Freshman 1st Semester	
510002	生涯導航(2) Topics on Career Development (2)	1	必 (R)	一下 Freshman 2nd Semester	

**院學士班選修專業課程 (2學分) Elective Courses (2 credits)**

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
510022	生涯導航(3) Topics on Career Development (3)	1	選 (E)	二上 Sophomore 1st Semester	
510023	生涯導航(4) Topics on Career Development (4)	1	選 (E)	二下 Sophomore 2nd Semester	

肆、院學士班主修學程課程（至少完成一個主修學程共27學分） 4. Major Courses  
(Students are required to complete at least 1 major program in a total of 27 credits.)

創新與產品研發學程(必修9學分加選修，總學分27)

Innovation and Product Development Program

(Required to take 9 credits of required courses. With electives, there are 27 credits in total.)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
130008	計算機概論 Introduction to Computer	3	必 (R)	一下 Freshman 2nd Semester	
130032	資料庫管理系統 Data Base Management System	3	必 (R)	二上 Sophomore 1st Semester	
130027	系統分析與設計 System Analysis and Design	3	必 (R)	二下 Sophomore 2nd Semester	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
510025	金融實務及職涯發展 (二) The Financial	2	選 (E)	一 Freshman	
130014	程式設計(下) Programming (2)	3	選 (E)	一下 Freshman 2nd Semester	
510003	醫療經濟資料庫建置與分析 Database Establishment and Analysis for Medical Economics	2	選 (E)	一下 Freshman 2nd Semester	
130073	人因與人機介面 Human Factors and Human Machine Interface	3	選 (E)	二 Sophomore	
130096	數位行銷 Digital Marketing	3	選 (E)	二 Sophomore	
130098	3D數位內容與應用 3D Digital Contents and Applications	3	選 (E)	二 Sophomore	
510011	大數據與決策科學 Big Data and Decision-Making Science	2	選 (E)	二 Sophomore	

130021	資料結構與演算法(上) Data Structures and Algorithms (1)	3	選 (E)	二上 Sophomore 1st Semester	
130024	資料結構與演算法(下) Data Structures and Algorithms (2)	3	選 (E)	二下 Sophomore 2nd Semester	
130039	企業資訊通訊與網路 Enterprise Communication Networks	3	選 (E)	二下 Sophomore 2nd Semester	
230138	電機與資訊入門設計與實作 Cornerstone Course Design for Engineering Education	3	選 (E)	二下 Sophomore 2nd Semester	
130092	Linux 系統管理實務 (二, 進階) Practical Linux System Administration - Level II, Advanced Practical Linux System Administration - Level II	3	選 (E)	三 Junior	
130094	Linux 系統管理實務 (一, 入門) Practical Linux System Administration - Level I, Basic Practical Linux System Administration - Level I	3	選 (E)	三 Junior	
130100	系統思考與系統動態學 Introduction to Systems Thinking and System Dynamics	3	選 (E)	三 Junior	
130103	設計思考 Introduction to Design Thinking	1	選 (E)	三 Junior	
130104	微創新與應用 Micro Innovations and Applications	3	選 (E)	三 Junior	
510021	資料視覺化 Data Visualization	3	選 (E)	三 Junior	
510026	ChatGPT大軍壓境我們怎麼辦 How to deal with the overwhelming ChatGPT ?	1	選 (E)	三 Junior	
120198	企業營運模式 Business Model	3	選 (E)	三上 Junior 1st Semester	
130031	軟體工程 Software Engineering	3	選 (E)	三上 Junior 1st Semester	

130077	網頁程式設計 Web Programming	3	選 (E)	三上 Junior 1st Semester	
數據分析與決策學程(必修9學分加選修，總學分27)Data Analysis and Decision Making Program (Required to take 9 credits of required courses. With electives, there are 27 credits in total.)					
課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
110174	計量經濟學(上) Econometrics <I>	3	必 (R)	三上 Junior 1st Semester	
110175	計量經濟學(下) Econometrics <II>	3	必 (R)	三下 Junior 2nd Semester	
130030	管理資訊系統 Management Information System	3	必 (R)	二下 Sophomore 2nd Semester	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
510024	金融實務及職涯發展(一) The Financial Knowledge and Application (1)	2	選 (E)	一 Freshman	
510025	金融實務及職涯發展(二) The Financial Knowledge and Application (2)	2	選 (E)	一 Freshman	
510003	醫療經濟資料庫建置與分析 Database Establishment and Analysis for Medical Economics	2	選 (E)	一下 Freshman	
110097	賽局理論 Game Theory	2	選 (E)	二 Sophomore	需先修微積分及實習 (上)(下) Prerequisites: Calculus (1) and Calculus (2)
510011	大數據與決策科學 Big Data and Decision-Making Science	2	選 (E)	二 Sophomore	



110087	總體經濟學 (上) Macroeconomics (I)	3	選 (E)	二上 Sophomore 1st Semester	
110088	個體經濟學 (上) Microeconomics (I)	3	選 (E)	二上 Sophomore 1st Semester	
130028	線性代數 Linear Algebra	3	選 (E)	二上 Sophomore 1st Semester	
140030	迴歸分析 Regression Analysis	3	選 (E)	二上 Sophomore 1st Semester	
110092	總體經濟學 (下) Macroeconomics (II)	3	選 (E)	二下 Sophomore 2nd Semester	
110093	個體經濟學 (下) Microeconomics (II)	3	選 (E)	二下 Sophomore 2nd Semester	
140020	投資學 Investments	3	選 (E)	二下 Sophomore 2nd Semester	
510026	ChatGPT大軍壓境我們怎麼辦 How to deal with the overwhelming ChatGPT ?	1	選 (E)	三 Junior	
110181	財務報表分析 Financial Statement Analysis	3	選 (E)	三 Junior	
130102	資料探勘與企業智慧 Data Mining and Business Intelligence	3	選 (E)	三 Junior	
130105	策略與管理的系統思維 Systems Thinking in Business Strategy and Management	3	選 (E)	三 Junior	
140102	財務應用軟體 Financial Modeling	3	選 (E)	三 Junior	
140110	財金計量專題 Issues in Financial Econometrics	3	選 (E)	三 Junior	
130033	作業研究 Operations Research	3	選 (E)	三上 Junior 1st Semester	

130038	決策支援系統 Decision Support Systems	3	選 (E)	三下 Junior 2nd Semester	
產業趨勢與策略分析學程 (必修課程4門加選修, 總學分27) Industry Trends and Strategic Analysis Program (Required to take 4 required courses. With electives, there are 27 credits in total.)					
課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
120155	財務管理 Financial Management	3	必 (R)	二上 Sophomore 1st Semester	
120156	行銷管理 Marketing Management	3	必 (R)	二上 Sophomore 1st Semester	
120159	國際企業管理 International Business Management	3	必 (R)	二下 Sophomore 2nd Semester	
120167	國際策略管理 Strategic Management of Multinational Corporations	3	必 (R)	三下 Junior 2nd Semester	建議先修國際企業管理 Recommend to take International Business Management as a prerequisite.
120189	國際企業經營管理個案導論 Introduction to Management Cases of Multinational Corporations	1	選 (E)	一 Freshman	
120195	產業與競爭分析個案導論 Introduction to Cases of Industry and Competitive Analysis	1	選 (E)	一 Freshman	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
510003	醫療經濟資料庫建置與分析 Database Establishment and Analysis for Medical Economics	2	選 (E)	一下 Freshman 2nd Semester	

110097	賽局理論 Game Theory	2	選 (E)	二 Sophomore	需先修微積分及實習 (上)(下) Prerequisites: Calculus (1) and Calculus (2)
120227	商業時事分析 Business News and Analysis	3	選 (E)	二 Sophomore	
120228	新興產業趨勢與商業模式 Industry Trends and Business Models	3	選 (E)	二 Sophomore	
510011	大數據與決策科學 Big Data and Decision-Making Science	2	選 (E)	二 Sophomore	
120162	國際消費者行為 International Consumer Behavior	3	選 (E)	二 Sophomore	
120204	創新管理 Innovation Management	3	選 (E)	三 Junior	
120238	競合動態與平台策略 Co-opetitive Dynamics and Platform Strategy	3	選 (E)	三 Junior	
130074	科技管理 Management of Technology	3	選 (E)	三 Junior	
130100	系統思考與系統動態學 Introduction to Systems Thinking and System Dynamics	3	選 (E)	三 Junior	
130105	策略與管理的系統思維 Systems Thinking in Business Strategy and Management	3	選 (E)	三 Junior	
120198	企業營運模式 Business Model	3	選 (E)	三上 Junior 1st Semester	
120165	國際企業環境分析 The Environment Analysis of International Business	3	選 (E)	三下 Junior 2nd Semester	
125073	產業與競爭分析 Industry and Competition Analysis	3	選 (E)	三下 Junior 2nd Semester	
130038	決策支援系統 Decision Support Systems	3	選 (E)	三下 Junior 2nd Semester	
110191	產業經濟學 Industrial Economics	3	選 (E)	四 Senior	

伍、院學士班副修學程課程 (至少完成一個副修學程共15學分) 5. Minor Courses (Students are required to complete at least 1 minor program in a total of 15 credits.)

國際企業經營與策略微學程 (2門必修加選修，總學分15) Micro Program in International Business Operations and Strategy (Required to take 2 required courses. With electives, there are 15 credits in total.)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
120159	國際企業管理 International Business Management	3	必 (R)	二下 Sophomore 2nd Semester	需先修管理學 Pre-requisite: Management
120167	國際策略管理 Strategic Management of Multinational Corporations	3	必 (R)	三下 Junior 2nd Semester	建議先修國際企業管理 Recommend to take International Business Management as a prerequisite.
120189	國際企業經營管理個案導論 Introduction to Management Cases of Multinational Corporations	1	選 (E)	一 Freshman	
120195	產業與競爭分析個案導論 Introduction to Cases of Industry and Competitive Analysis	1	選 (E)	一 Freshman	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
120196	商業倫理決策 Ethical Decision Making for Business	3	選 (E)	二 Sophomore	
120227	商業時事分析 Business News and Analysis	3	選 (E)	二 Sophomore	
120228	新興產業趨勢與商業模式 Industry Trends and Business Models	3	選 (E)	二 Sophomore	
120110	組織行為 Organizational Behavior	3	選 (E)	二上 Sophomore 1st Semester	
120072	人力資源管理 Human Resource Management	3	選 (E)	三 Junior	
120108	產業與競爭分析 Industry and Competitive Analysis	3	選 (E)	三 Junior	
120201	中小企業管理與創業家精神 Entrepreneurship and Management of Small and Medium Enterprises	3	選 (E)	三 Junior	
120238	競合動態與平台策略 Co-opetitive Dynamics and Platform Strategy	3	選 (E)	三 Junior	

120165	國際企業環境分析 Environmental Analysis of International Business	3	選 (E)	三上 Junior 1st Semester	
<b>國際金融與財務微學程 (2門必修加選修，總學分15) Micro Program in International Finance and Financial Management (Required to take 2 required courses. With electives, there are 15 credits in total.)</b>					
課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (requir ed/elec tive)	開課年級 Course availability (freshman/so phomore/juni or/senior)	備註 Notes
120155	財務管理 Financial Management	3	必 (R)	二上 Sophomore 1st Semester	
120132	國際財務管理 International Financial Management	3	必 (R)	三上 Junior 1st Semester	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
120157	國際金融市場 International Financial Markets	3	選 (E)	二 Sophomore	
120053	國際貿易理論與政策 International Trade Theory and Policy	3	選 (E)	二上 Sophomore 1st Semester	建議先修經濟學 Recommend to take Economics as a prerequisite.
120173	投資學 Investments	3	選 (E)	二下 Sophomore 2nd Semester	建議先修財務管理 Recommend to take Financial Management as a prerequisite.
120243	股票實作 Stock Exchange Analysis	2	選 (E)	三 Junior	
120245	數據分析與R語言 Data analysis with R	3	選 (E)	三 Junior	
120057	國際金融理論 International Financial Theories	3	選 (E)	三上 Junior 1st Semester	建議先修經濟學 Recommend to take Economics as a prerequisite.
120215	不動產經營管理 Real estate management	3	選 (E)	三上 Junior 1st Semester	

國際行銷與創新微學程 (2門必修加選修，總學分15) International Marketing and Innovation Micro-program (Required to take 2 required courses. With electives, there are 15 credits in total.)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
120154	國際禮儀與商務溝通技巧 Etiquette and Communication in International Business	2	必 (R)	一上 Freshman 1st Semester	
120156	行銷管理 Marketing Management	3	必 (R)	二上 Sophomore 1st Semester	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
120162	國際消費者行為 International Consumer Behavior	3	選 (E)	二 Sophomore	
120193	行銷研究 Marketing Research	3	選 (E)	三 Junior	
120198	企業營運模式 Business Model	3	選 (E)	三 Junior	
120204	創新管理 Innovation Management	3	選 (E)	三 Junior	
120239	系統性創意思考 Systematic Creativity	3	選 (E)	三 Junior	
120241	電商社群與網路行銷 Social media marketing and E-commerce	3	選 (E)	三 Junior	
120164	國際行銷管理 International Marketing Management	3	選 (E)	三上 Junior 1st Semester	
120217	智慧零售服務業經營 New retail service business	2	選 (E)	三上 Junior 1st Semester	
120095	廣告管理 Advertisement Management	2	選 (E)	三下 Junior 2nd Semester	

120218	大數據時代的顧客管理 Customer Management in the Age of Big Data	2	選 (E)	三下 Junior 2nd Semester	
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資訊管理學系微學程 (必修課程2門加選修, 總學分15) Micro-program in Information Management Department (Required to take 3 required courses. With electives, there are 15 credits in total.)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
130032	資料庫管理系統 Data Base Management System	3	必 (R)	二上 Sophomore 1st Semester	
130027	系統分析與設計 System Analysis and Design	3	必 (R)	二下 Sophomore 2nd Semester	
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
130014	程式設計(下) Programming (2)	3	選 (E)	一下 Freshman	
130096	數位行銷 Digital Marketing	3	選 (E)	二 Sophomore	
130098	3D數位內容與應用 3D Digital Contents and Applications	3	選 (E)	二 Sophomore	
130021	資料結構與演算法(上) Data Structures and Algorithms (1)	3	選 (E)	二上 Sophomore 1st Semester	
130022	計算機組織 Computer Organization	3	選 (E)	二上 Sophomore 1st Semester	
130024	資料結構與演算法(下) Data Structures and Algorithms (2)	3	選 (E)	二下 Sophomore 2nd Semester	
130030	管理資訊系統 Management Information System	3	選 (E)	二下 Sophomore 2nd Semester	

130039	企業資訊通訊與網路 Enterprise Communication Networks	3	選 (E)	二下 Sophomore 2nd Semester	
510021	資料視覺化 Data Visualization	3	選 (E)	三 Junior	
510026	ChatGPT大軍壓境我們怎麼辦 How to deal with the overwhelming ChatGPT ?	1	選 (E)	三 Junior	
130031	軟體工程 Software Engineering	3	選 (E)	三上 Junior 1st Semester	
130077	網頁程式設計 Web Programming	3	選 (E)	三上 Junior 1st Semester	

經濟學系微學程 (必修課程4門加選修，總學分15) Micro-program in Economics Department  
(Required to take 4 required courses. With electives, there are 15 credits in total.)

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
110087	總體經濟學(上) Macroeconomics (I)	3	必 (R)	二上 Sophomore 1st Semester	
110088	個體經濟學(上) Microeconomics (I)	3	必 (R)	二上 Sophomore 1st Semester	須修過經濟學或同時修 Requirement: Completion of Economics as a prerequisite or taking Economics at the same time.
110092	總體經濟學(下) Macroeconomics (II)	3	必 (R)	二下 Sophomore 2nd Semester	
110093	個體經濟學(下) Microeconomics (II)	3	必 (R)	二下 Sophomore 2nd Semester	須修過經濟學或同時修 Requirement: Completion of Economics as a prerequisite or taking Economics at the same time.



510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
510024	金融實務及職涯發展 (一) The Financial Knowledge and Application (1)	2	選 (E)	一 Freshman	
510025	金融實務及職涯發展 (二) The Financial	2	選 (E)	一 Freshman	
510003	醫療經濟資料庫建置與分析 Database Establishment and Analysis for Medical Economics	2	選 (E)	一下 Freshman 2nd Semester	
510011	大數據與決策科學 Big Data and Decision-Making Science	2	選 (E)	二 Sophomore	
110025	勞動經濟學 Labor Economics	3	選 (E)	二 Sophomore	
110089	資訊經濟學 Information Economics	3	選 (E)	二 Sophomore	
110115	總體經濟專題 (一) Topics in Macroeconomics (I)	3	選 (E)	二 Sophomore	為進階總體經濟學，建議先修總體經濟學 (上)(下) For advanced Macroeconomics, it is recommended to complete Macroeconomics (I) and Macroeconomics
110155	健康經濟學 Health Economics	3	選 (E)	二 Sophomore	
110041	數理經濟學 Mathematical Economics	3	選 (E)	二上 Sophomore 1st Semester	
510026	ChatGPT大軍壓境我們怎麼辦 How to deal with the overwhelming ChatGPT ?	1	選 (E)	三 Junior	
110159	家庭經濟學 Family Economics	3	選 (E)	三 Junior	
110043	國際貿易 International Trade	3	選 (E)	三上 Junior 1st Semester	
110085	貨幣銀行學 Money and Banking	3	選 (E)	三上 Junior 1st Semester	

110186	財政學 Public Finance	3	選 (E)	三上 Junior 1st Semester	
110104	國際金融 International Finance	3	選 (E)	三下 Junior 2nd Semester	
110125	管理科學 Management Science	3	選 (E)	四 Senior	
110191	產業經濟學 Industrial Economics	3	選 (E)	四 Senior	
110194	發展經濟學 Economics of Development	3	選 (E)	四 Senior	
110197	環境與自然資源經濟學 Environmental and Natural Resource Economics	3	選 (E)	四 Senior	

**財務金融學系公司理財微學程 (2門必修加選修, 總學分15) Micro-program in Corporate Finance  
(Required to take 2 required courses. With electives, there are 15 credits in total.)**

課程代號 Course Code	課程名稱(中文及英文) Course Name (Chinese and English)	學分數 Credits	修別 Course type (required/elective)	開課年級 Course availability (freshman/sophomore/junior/senior)	備註 Notes
140071	財務管理(一) Financial Management (I)	3	必 (R)	二上 Sophomore 1st Semester	
140070	財務管理(二) Financial Management (II)	3	必 (R)	二下 Sophomore 2nd Semester	需先修財務管理(一) Pre-requisite: Financial Management (I).
510013	創新科技與人文社會的鍊結 The link between new technology and humanity science	2	選 (E)	一 Freshman	
140141	金融科技應用 Financial Technology Application	3	選 (E)	二 Sophomore	
140020	投資學 Investments	3	選 (E)	二下 Sophomore 2nd Semester	
140092	保險學 Insurance	3	選 (E)	三 Junior	
140102	財務應用軟體 Financial Modeling	3	選 (E)	三 Junior	
140109	投資及證券專題 Issues in Investment and Security	3	選 (E)	三 Junior	

140119	金融機構管理 Financial Institutions Management	3	選 (E)	三上 Junior 1st Semester	
140121	衍生性金融商品 Financial Derivatives	3	選 (E)	三上 Junior 1st Semester	
140149	財務報表分析 Financial Statement Analysis	3	選 (E)	三上 Junior 1st Semester	
140124	債券市場 Bond Market	3	選 (E)	三下 Junior 2nd Semester	

**陸、自由選修 (17學分) 6. Elective Course (17 Credits)**

填表人：

系(所)主管：

院長：

填表日期：