管理財經全英語學程108學年度入學學生必修科目、學分數暨畢業總學分表

| 類別Type | 科 目 名 稱Courses | 學分數Credits | 備　　註Remarks |
| --- | --- | --- | --- |
| 上學期Sem 1 | 下學期Sem 2 |
| 校定必修（30學分）Compulsory︵30Credits︶ | 華語Chinese | 2 |  |
| 英文/華語或外語領域English/ Chinese or Foreign Language | 8 | 英語能力檢定通過者，得選修華語或其他外語6學分Students who pass the English proficiency test can take Chinese or other languages courses |
| 通識課程General Education Course | 核心通識Core General | 8-12 | 任選4門課程（無英語授課得選修通識選修課程）可由本系自開部分課程抵免。Students can choose four courses (if there are no English-taught courses, students can choose to take elective courses or courses given by this department) |
| 選修科目Elective Course | 8-12 | 自然科學領域及人文學領域至少各2學分，可由本系自開部分課程抵免。At least two credits from social science fields and at least two credits from humanities fields. Students could also take courses given by this department |
| 合　　計Total | 20 |  |
| 體育Physical Education | 0 | 1至3年級必修A required course for freshmen to juniors |
| 服務學習Student Service | 0 | 畢業前必修60小時60 hours required before graduation |
| 操行Conduct | 0 | 每學期成績及格Will be graded each term |
| 基礎課程(24學分)BasicCoreCourses︵24Credits︶ | 經濟學原理一、二Principles of Economics (I),(II) | 3 | 3 | 任選其中8門課程Select at least 8 courses  |
| 會計學一、二Accounting (I), (II) | 3 | 3 |
| 財務管理Financial Management | 3 |
| 管理學Management | 3 |
| 微積分一、二Calculus (I) , (I I) | 3 | 3 |
| 統計學一、二Statistics (I) , (I I) | 3 | 3 |
| 暑期實習Summer Internship | 3 | 建議三年級或四年級（與導師共同商訂）For juniors and seniors (Discuss with mentor) |
| 管理與科技專題Topics in Management and Technology | 3 | 建議三年級或四年級（與導師共同商訂）For juniors and seniors (Discuss with mentor) |
| 專長學程︵四學程中任選24學分︶ | 計量財務金融Quantitative Finance  | 基礎課程Core Course | 個體經濟學一Microeconomics (I) | 3 |  |  |
| 總體經濟學一Macroeconomics (I) | 3 |  |
| 金融大數據Data of Financial | 3 |
| 衍生性金融市場Derivatives Market | 3 |  |
| 選修課程Elective Course | 數理統計一、二Mathematical Statistics I,II | 3 | 3 |  |
| 衍生性商品訂價Derivatives Pricing |  | 3 |
| 公司理財Corporate Finance |  | 3 |
| 國際財務管理Business Finance |  | 3 |
| 投資學Investment | 3 |  |
| 個體經濟學二Microeconomics (II) |  | 3 |
| 總體經濟學二Macroeconomics (II) |  | 3 |
| 高等微積分一、二Advanced Calculus I,II | 3 | 3 |
| 經濟Economy | 基礎課程Core Course | 經濟學原理一、二Principles of Economics (I),(II) | 3 | 3 |  |
| 個體經濟學一、二Microeconomics(I),(II) | 3 | 3 |
| 總體經濟學一、二Macroeconomics(I),(II) | 3 | 3 |
| 國際經濟學一、二International Economics (I), (II) | 3 | 3 |  |
| 財政學一、二Public Finance (I),(II) | 3 | 3 |
| 貨幣銀行學一、二Money and Banking (I),(II) | 3 | 3 |
| 計量經濟學一、二Econometrics (I),(II) | 3 | 3 |
| 選修課程Elective Course | 經濟學系科號ECON2以上課程 |  | 學分不得重複計算 |
| 工業工程與工程管理Industrial Engineering and Engineering Management | 基礎課程Core Course | 機率論Probability Theory | 3 |  | 機率論之課程內容為機率、工程統計之課程內容為統計，已修過性質相近之課程(例：數學系之機率論、統計學；計財系之統計學一、二)不用再修習If you have taken similar courses (ex: Probability Theory or Statistics from the Mathematics Department, Statistics(1) (2) from the Quantitative Finance Department, you may waive the course) |
| 工程統計Engineering Statistics |  | 3 |
| 選修課程Elective Course | 人因工程ㄧHuman Factors (I) | 3 |  |  |
| 品質管制Quality Control | 3 |  |
| 生產計劃與管制Production Planning and Control |  | 3 |
| 作業研究一Operations Research (I) | 3 |  |
| 線性代數Linear Algebra |  | 3 |
| 心理學Psychology |  | 3 |  |
| 計算機程式語言Introduction to Programming Languages | 3 |  |
| 工作研究Work Study |  | 3 |
| 工程經濟Engineering Economics | 3 |  |
| 離散數學Discrete Mathematics | 3 |  |
| 製造程序Manufacturing Process | 3 |  |
| 工業會計Industrial Accounting |  | 3 |
| 設施規劃Facilities Planning |  | 3 |
| 作業研究二Operations Research (II) |  | 3 |
| 管理科技Technology Management | 基礎課程Core Course | 科技管理導論Fundamentals of Technology Management | 3 |  |
| 行銷管理Marketing Management | 3 |  |
| 選修課程Elective Course | 公司理財Corporate Finance | 3 | 公司理財需先修習財務管理。“Financial Management” must be taken before taking “Corporate Finance” |
| 投資學Investment | 3 |
| 個體經濟學一、二Microeconomics(I),(II) | 3 | 3 |  |
| 總體經濟學一、二Macroeconomics(I),(II) | 3 | 3 |
| 管理資訊系統Management Information Systems Analysis and Design | 3 |  |
| 組織行為Organizational Behavior | 3 |
| 數位創新與電子商務Digital Innovation and E-commerce | 3 |

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| 專長學程︵四學程中任選24學分︶ |  | 選修課程ElectiveCoursee  | 計算統計於商業分析之應用Business Analytics Using Computational Statistics | 3 |  |
| 前線服務人員管理Management of Frontline Service Employees | 3 |
| 媒體與社會行銷Media and Social Marketing | 3 |
| 台灣社會流變解讀Analyzing the transition experience of Taiwan | 3 |
| 資訊服務理論與實務IT Service : Theory and Practice | 3 |
| 人力資源管理Study in Human Resource Management | 3 |
| 智慧財產權管理Management for Intellectual Property Rights | 3 |
| 能源經濟政策與社會 | 3 |
| 企業社會責任Corporate Social Responsibility | 3 |
| 專業進階選修課程(24學分) | 與導師共同商訂 | 24 | 修讀理工相關專長者，建議請預先修習該專長之先修課程(請參考註冊組網頁)。Students whose specialty is engineering related are suggested to take prerequisite courses. (Please refer to the website of the division of registration) |
| 自由選修課程(26學分) | 任選修全校課程 | 26 | 與導師共同商訂Discuss with mentor |
| 最低畢業總學分Minimum Credits Needed for Graduation | 128 |  |
| 備註 | 中五學制學生畢業總學分應另增加12學分，詳細內容請洽詢國際班辦公室。 |