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  ︵  30  Credits  ︶ | | 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)  Basic  Core  Courses  ︵  24  Credits  ︶ | | 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ㄧ  Human 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  Elective  Coursee | 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。 | | |