

105.02.19 經濟與金融學系系務會議通過  
 106.03.22 經濟與金融學系系務會議通過  
 106.11.08 經濟與金融學系系務會議通過  
 107.04.11 經濟與金融學系系務會議通過  
 108.10.23 經濟與金融學系系務會議通過  
 110.03.24 經濟與金融學系系務會議通過

銘傳大學金融科技學院  
 『金融科技應用學分學程』課程架構表  
 School of Financial Technology, Ming Chuan University  
 “FinTech Application” Focused Courses”  
 Curriculum Framework

課程類型 Required / Elective	課程名稱 Course	學分數 Credits	備註 Note
必修 (二選一) Required Course (choose one among the two courses)	金融科技(22358) Financial Technology	3	經濟與金融學系 Economics and Finance
	金融科技概論(F1211) Introduction to FinTech	2	院必修 Required Course of School of Financial Technology
選修 (五選一) Elective Course (choose one among the five courses)	計量經濟學 (55319, 55320) (一)或(二) Econometrics (I) or (II)	2	經濟與金融學系 Economics and Finance
	應用多變量資料分析 (35307)(17312) Applied Multivariate Statistical Analysis	3	統資系 Applied Statistics and Information Science
	時間數列分析(35435) Time Series	3	統資系 Applied Statistics and Information Science
	計量套裝軟體(55466) Packages in Economics Software	3	經濟與金融系 Economics and Finance
選修 (三選一) Elective Course (choose one among the three courses)	電子商務概論 (22367) Introduction to E-Commerce	3	認列為「不屬於原學 系」之科目 This course is accepted as those offered by other departments.
	電子商務概論 Introduction to E-Commerce	3	資工系 Computer Science and Information Engineering
	電子商務 (13401)	3	資管系 Information Management

	E-Business		
	資料探勘 (17313) Data Mining	3	統資系 Applied Statistics and Information Science
選修 (五選一) Elective Course (choose one among the five courses)	資料探勘 (36351) Data Mining	3	資工系 Computer Science and Information Engineering
	資料探勘 (13936) Data Warehouse and Data Mining	3	資管系 Information Management
	統計資料庫 (35306) Statistical Data Base	3	統資系 Applied Statistics and Information Science
	資料庫管理 (13307) Database Management	3	資管系 Information Management
選修 (二選一) Elective Course (choose one among the two courses)	市場調查 (35348) Market Survey	3	統資系 Applied Statistics and Information Science
	問卷設計與市場調查 (57355) Questionnaire Design and Marketing Research	3	國企系 International Business
選修 (二選一) Elective Course (choose one among the two courses)	巨量資料探勘與分析 (22431) Data Mining and Analysis of Big Data	3	經濟與金融系 Economics and Finance
	鉅量財金資料分析 (54350) Big Data Analysis in Finance	3	財金系 Finance
選修 (六選一) Elective Course (choose one among the six courses)	程式語言 (F11111) Programming Syntax	3	院必修 School of Financial Technology
	程式設計 Programming Design	3	數媒系 Digital Media Design
	程式設計 (一) (13112) Programming Design (1)	3	資管系 Information Management
	應用統計程式設計 Applied Statistical Programming	3	統資系 Applied Statistics and

	Design		Information Science
	程式設計 (一) (16111) Programming Design	3	資傳系 Information and Telecommunication Engineering
	程式設計 (一) (36101) Programming Design	3	資工系 Computer Science and Information Engineering
選修 (五選一) Elective Course (choose one among the five courses)	金融量化資料(22220) Financial Quantitative Data	3	經濟與金融系 Economics and Finance
	財金資訊系統(22376) Financial Information System	3	經濟與金融系 Economics and Finance
	財金資料庫(22340) Financial Data Base	3	經濟與金融系 Economics and Finance
	資料探勘實務分析 (36441) Practical Data Mining	3	資工系 Compute Science and Information Engineering
	R 語言資料處理 (36324) R Language Data Processing	3	資工系 Science and Information Engineering
選修 Elective Course	金融科技工作坊(一) (22237) 3 學分，或經濟系 107 課程架構系專業必修課程 (22318)，2 學分 FinTech Workshop I (22237), 3 credits, or professional required course in the 107 curriculum framework (22318), 2 credits	3 或 2	經濟與金融系 107 課程架構，金融科技工作坊(一)列入專業必修課程，2 學分 Economics and Finance Professional required course in the 107 curriculum framework, 2 credits
選修 Elective Course	金融科技工作坊(一) (17239)，3 學分，或(17316) 統資系 107 課程架構系專業必修課程，2 學分 FinTech Workshop I (17239), 3 credits, or professional required course in the 107 curriculum framework (17316), 2 credits	3 或 2	統資系 107 課程架構，金融科技工作坊(一)列入專業必修課程，2 學分 Applied Statistics and Information Science Professional required course in the 107 curriculum framework, 2 credits
選修 Elective Course	金融科技工作坊(二) (22238) 3 學分，或經濟系 107 課程架構系專業必修課程 (22319)，2 學分	3 或 2	經濟與金融系 107 課程架構，金融科技工作坊(二)列入專業

	FinTech Workshop II, (22238), 3 credits, or professional required course in the 107 curriculum framework (22319), 2 credits		必修課程，2 學分 Economics and Finance Professional required course in the 107 curriculum framework, 2 credits
選修 Elective Course	金融科技工作坊(二) (17240)，3 學分，或(17317) 統資系 107 課程架構系專業必修課程，2 學分 FinTech Workshop I (17240), 3 credits, or professional required course in the 107 curriculum framework (17317), 2 credits	3 或 2	統資系 107 課程架構，金融科技工作坊(一)列入專業必修課程，2 學分 Applied Statistics and Information Science Professional required course in the 107 curriculum framework, 2 credits
選修 Elective Course	財務風險管理 (22361) Management of Financial Risks	3	經濟與金融系 Economics and Finance
選修 (二選一) Elective Course (choose one among the two courses)	互聯網金融 (22365) E-commerce of Finance	3	經濟與金融系 Economics and Finance
	互聯網金融系統 (54323) Financial System of IOT	3	財金系 Finance
選修 Elective Course	資訊產業分析 (22236) Analysis of IT Industry	3	經濟與金融系 Economics and Finance
選修 (二選一) Elective Course (choose one among the two courses)	網路微型創業 (22239) On-Line Start-up	3	經濟與金融系 Economics and Finance
	創新、創意與創業 (46161) Innovation, Creation and Start-up	3	金科學程 Economics and Finance / Financial Technology Applications
選修 (二選一) Elective Course (choose one among the two courses)	個人理財規劃 (22235) Individual Financial Planning	3	經濟與金融系 Economics and Finance
	證券分析實務(22381) Practical Security Analysis	3	經濟與金融系 Economics and Finance
選修 Elective Course	金融商品規劃 (22433) Development of Financial Instruments	3	經濟與金融系 Economics and Finance
	金融商品分析實務(22383)	3	經濟與金融系

	Financial Product Analysis		Economics and Finance
	金融數據分析與程式交易 Financial Data Analysis and Programming Trading	3	統資系 Applied Statistics and Information Science
選修 Elective Course	電子商務營運 (22366) E-Commerce Pactice	3	認列為「不屬於原學 系」之科目 This course is accepted as those offered by other departments.
選修 Elective Course	.net 程式設計 (22390) .net programing design	3	經濟與金融系 Economics and Finance
選修 Elective Course	網路行銷 On-Line Marketing	3	資管系 Information Management
選修 Elective Course	多媒體行銷 (09310) Multimedia Marketing	2	數媒系 Digital Media Design
選修 (四選一) Elective Course (choose one among the four courses)	商業數據視覺化 Commercial Data Visualization	3	經濟與金融系 Economics and Finance
	探索性資料分析與視覺化 Explorative Data Analysis and Visualization	3	統資系 Applied Statistics and Information Science
	進階聊天機器人實作 Advanced Chat Bot	3	統資系 Applied Statistics and Information Science
	基礎多媒體設計 (09227)(09269)(09270)	3	數媒系 Digital Media Design
備註：修業期間，必須修畢至少 20 學分課程，修習學分數至少應有 6 學分不屬於原學系、 組、學位學程及輔系之科目。 Note: Students must complete at least 20 credits, and there must be at least 6 credits obtained from other departments, subfields, focused courses and minor courses.			





