Ming Chuan University Financial Technology Applications Program Course Outline for all students (Entering in 2021)

	Course	Credits	Hours	1st year Fall class	1st year Fall lab	1st year Spring class	1st year Spring lab	2nd year Fall class	2nd year Fall lab	2nd year Spring class	2nd year Spring lab	3rd year Fall class	3rd year Fall lab	3rd year Spring class	3rd year Spring lab	4th year Fall class	4th year Fall lab	4th year Spring class	4th year Spring lab	Note
Core Required Courses	Chinese Literature：Appreciation and Creative Writing I	2	2	2																Note 1
	Chinese Literature：Appreciation and Creative Writing II	2	2			2														
	Practical English I	0	2	1	1															
	Practical English II	0	2			1	1													
	Practical English III	0	2					1	1											
	Practical English IV	0	2							1	1									
	English for Business Communication I	2	3									2	1							
	English for Business Communication II	2	3											2	1					
	Practical English for Professional Purposes I	2	3													2	1			
	Practical English for Professional PurposesII	2	3															2	1	
	Applied Information Technology：Office Software	2	3	2	1															
	Programing Design	2	3			2	1													
	General Education	12	12																	Note 2
	Physical Education I～VI	0	12	2		2		2		2		2		2		2		2		
	Subtotal	28	54																	
College Required Course in FinTech School	Introduction to Data Analysis	3	3			3	0													
	Introduction to Finance and Finance Ethics	2	2			2	0													
	Programing Syntax	3	3					3	0											
	Introduction to FinTech	2	2					2	0											
	Subtotal	10	10			5	0	5	0											
Professional Required Courses	Accounting	3	4	3	1															
	Economics	3	4	3	1															
	Statistics	3	4	3	1															
	Calculus	3	4			3	1													
	The Foundation and Practice of Civil and Commercial Legal System	3	3			3	0													
	Database Introductions and Applications	3	3					3	0											
	Capital Market Supervision and Legal System	3	3					3	0											
	Basic Theory and Application of Artificial Intelligence I	3	3					3	0											
	Financial Management	3	3							3	0									
	Financial Commodities and Institutional Management	3	3							3	0									
	OPEN API and Credit Scoring Model	2	2									2	0							
	Investment	3	3									3	0							
	Data Mining in Practice	3	3									3	0							

Course	Credits	Hours	1st year Fall		Spring		2nd year Fall		Spring		3rd year Fall		Spring		4th year Fall		Spring		Note
			class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	
Payment Law and Insurance Law	3	3											3	0					
Fintech Workshop I	3	3											3	0					
Fintech Workshop II	3	3													3	0			
Financial Digital Marketing	2	2													2	0			
Fintech and Financial Supervision	2	2													2	0			
Workplace Internship	3	3															3	0	
Subtotal	54	59	9	3	6	1	9	0	6	0	8	0	6	0	7	0	3	0	
Elective Courses — Consumer Behavior and Psychology	3	3	3	0															
Introduction to Information Security	2	2	2	0															
Internet and Community	3	3	3	0															
Combination of New Media and Technology	3	3			3	0													
E-Commerce and Entrepreneurial Innovation	3	3			3	0													
Business Behavior and Psychology	3	3			3	0													
Financial Market Supervision and Legal System	3	3			3	0													
Application and Cases of Trade Secrets and Intellectual Property	2	2					2	0											
Industry Analysis	3	3					3	0											
Intangible Asset Valuation	2	2					2	0											
Seminar in Financial and Technology Crime	2	2					2	0											
Fintech Governance and Legal Compliance	2	2					2	0											
Basic Theory and Application of Artificial Intelligence II	2	2							2	0									
Financial Technology and Corporate Ethics	2	2							2	0									
Big Data Analysis Theory and Practice	3	3							3	0									
Basic Principles and Practices of Blockchain	2	2							2	0									
Digitalization and Application of Real Estate	3	3							3	0									
Seminar in Personal Information and Financial Consumer Protection	2	2							2	0									
Open Data Innovative Applications	3	3									3	0							
(Digital) Inclusive Finance and Microfinance	2	2									2	0							
Insurance and Risk Management	3	3									3	0							
Application of Internet of Things	2	2									2	0							
Innovation, Creativity and Entrepreneurship Program	3	3									3	0							
The Theory and Practice of Real Estate Transaction	3	3									3	0							
Real Estate Act	2	2									2	0							
Theory and Practice of Financial Robots	2	2									2	0							
Aging Financial Technology Innovation and Design	2	2									2	0							
Risk Identification and Money Laundering Prevention	2	2									2	0							

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Organizational Behavior and Psychology	3	3											3	0					
Case of Business Intelligence Application	3	3											3	0					
WEB Programming	3	3											3	0					
Risk Management of Financial institution	2	2											2	0					
Money Market Supervision and Trend Analysis	2	2											2	0					
Wealth Management	2	2											2	0					
The Theory and Practice of Virtual Bank	2	2											2	0					
Real Estate Appraisal	3	3											3	0					
Law Writs of Industry	3	3											3	0					
Industry Internship I	3	3													3	0			
Blockchain and Innovative Financial Implementation	2	2													2	0			
Smart Contract Design	2	2													2	0			
Development and Management of APP	2	2													2	0			
Sharing Economy Theory and Case Analysis	2	2													2	0			
Practice and Operation of RegTech	2	2													2	0			
Case Study of Digital Assets and Currency	2	2													2	0			
Practice and Application of Insurance Technology	2	2													2	0			
Industry Internship II	3	3															3	0	
Systematic Innovation Approach (TRIZ)	3	3															3	0	
Design and Application of Legal Tec	2	2															2	0	
Supervise Implementation of Sandbox Innovation Experiment Application	2	2															2	0	
Pre-employment Training for Financial Employment	2	2															2	0	
Pre-employment Training for Science and Technology Employment	2	2															2	0	
Pre-employment Training for Innovative Employment	2	2															2	0	

Total Required Course Credits		
Core Required Courses	28	
Core Required Courses in FinTech School	10	
Required Courses	54	
Elective Coures	36	
Total Credits	128	

1. In accordance with the General Provisions for Study, undergraduate students need to satisfactorily complete Service Learning, meet the university-wide basic competencies of English, Information Technology, Chinese, and Sports, and pass the core competencies of their department to be eligible for graduation.

2. Students need to complete at least 12 General Education course credits. General Education courses are divided into three areas: Humanities, Social Science, and Natural Science. Each area is divided into two subcategories: core and extended. Students need to take 1 two-credit course in both of the subcategories within each area to be eligible for graduation.

3. Elective Courses, Microcredit Courses, Credit Program, Retaking Course, Elective-Required Courses, Conditions-Required for Graduation, etc. shall be prescribed by FTA.

4. The overload credits of General Education and Teacher Education Program courses are not credits of graduation.

5. The courses of other School can be regarded as th FTA elective courses with a limitation of at most 16 course credits.

6. The Required and Elective Courses can be retrospective from 110 Academic Year after Chair approved.

7. Graduating students and students in the extended study period who did not pass required courses of Physical Education can waive a maximum of two (2) required Physical Education courses by passing Comprehensive Physical Education I, Comprehensive Physical Education II. This regulation is applicable for those admitted in and prior to 2020-21 academic year.

8. If International students, overseas students or students from Hong Kong and Macao are not good at Chinese, they can take the courses of Basic Chinese I & II through International College instead of taking Chinese Literature: Appreciation and Creative Writing I & II. This regulation can be applied to students who entered the university prior to the 2021-22 academic year.