

# Ming Chuan University Financial Technology Applications Program Course Outline for all students (Entering in 2020)

Course		Credits	Hours	1 <sup>st</sup> year				2 <sup>nd</sup> year				3 <sup>rd</sup> year				4 <sup>th</sup> year				Note	
				Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring			
				class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab		
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																		
	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																
	Programing Syntax	3	3			3	0														
	Introduction to FinTech	2	2					2	0												
	Introduction to Finance and Finance Ethics	2	2							2	0										
	Subtotal		10	10	3	0	3	0	2	0	2	0									
Professional Required Courses	Accounting	3	4	3	1																
	Economics	3	4	3	1																
	Statistics	3	4	3	1																
	Calculus	3	4			3	1														
	Financial Management (Application of Financial Statement)	3	3			3	0														
	Civil Law (Property Law)	3	3			3	0														
	Database Introductions and Applications	3	3					3	0												
	Corporate and Securities Act	3	3					3	0												
	Investment	3	3							3	0										
	Insurance and Risk Management	3	3									3	0								
	Data Mining in Practice	3	3									3	0								
	Business Analysis and Management of Financial Product and Institutions	3	3									3	0								
	Payment Law and Insurance Law	3	3									3	0								

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			class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	
Fintech Workshop I	3	3										3	0						
Fintech Workshop II	3	3											3	0					
Money Market Supervision and Trend Analysis	2	2											2	0					
Financial Digital Marketing	2	2													2	0			
Fintech and Financial Supervision	2	2													2	0			
Workplace Internship	3	3															3	0	
<b>Subtotal</b>	<b>54</b>	<b>58</b>	<b>9</b>	<b>3</b>	<b>9</b>	<b>2</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>	
Elective Courses	Introduction to Information Security	2	2	2	0														
	Innovation, Creativity and Entrepreneurship Program	3	3	3	0														
	Internet and Community	3	3			3	0												
	Introduction to Cybersecurity and Digital Risks	2	2			2	0												
	Financial Regulation	3	3			3	0												
	Financial Industry Analysis	3	3					3	0										
	Computational Thinking and Programming	3	3					3	0										
	The Theory and Practice of Real Estate Transaction	3	3					3	0										
	Real Estate Act	2	2					2	0										
	Real Estate Appraisal	3	3					3	0										
	The Basic Practice of Crowdfunding	2	2					2	0										
	Intangible Asset Valuation	2	2					2	0										
	Law Writs of Industry	2	2					2	0										
	Introduction to Computer Network and Cloud Computing	3	3							3	0								
	Programming Language II	3	3							3	0								
	Financial Information System (Operation, Gold Flow)	3	3							3	0								
	Trends and Analysis of New Venture and Businesses	3	3							3	0								
	Artificial Intelligence and its Application	3	3							3	0								
	Basic Principles and Practices of Blockchain	2	2							2	0								
	Strategy & Application of Wealth Management (including robot financing)	2	2							2	0								
	Digitalization and Application of Real Estate	3	3							3	0								
	Personal Information Protection and Financial Consumer Protection Act	2	2							2	0								
Research on Financial Crime	2	2							2	0									
Big Data Analysis Theory and Practice	3	3									3	0							
Network Computing and Cloud Applications	3	3									3	0							
Big Data Analysis and Application	2	2									2	0							
Intellectual Property Rights	2	2									2	0							

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			Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring			
			class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab		
Wealth Management	2	2										2	0							
FinTech User Scenario and User Experience (UX)	3	3										3	0							
FinTech Project Management	3	3										3	0							
Use of Business Intelligence	3	3												3	0					
WEB Programming	3	3												3	0					
(Digital) Inclusive Finance and Microfinance	2	2												2	0					
Virtual Currency and Blockchain Applications	2	2												2	0					
Payment Finance Implementation and Analysis	2	2												2	0					
Practice and Application of Insurance Technology	2	2												2	0					
Fintech Utilization and Social Enterprise	3	3												3	0					
Writing of Fintech Intellectual Property Documents	3	3												3	0					
Industry Practice 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			
Systematic Innovation Approach (TRIZ)	3	3														3	0			
Open Data Innovative Applications	2	2														2	0			
Design and Application of Legal Tec	2	2														2	0			
Practice and Operation of RegTech	2	2														2	0			
Aging Financial Technology Innovation and Design	2	2														2	0			
Supervise Implementation of Sandbox Innovation Experiment Application	2	2														2	0			
Financial Governance and Legal Compliance	2	2														2	0			
Risk Identification and Money Laundering Prevention	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 Fintech School ( courses of Department of Economics and Finance; courses of The Department of Applied Statistics and Information Science; Not Including FTA-Courses ) can be Recognized as graduation credits ( earns ) of FTA after Chair agreed and approved during the legal period of MCU.
6. The courses of other School can be regarded as th FTA elective courses with a limitation of at most 16 course credits.
7. The Required and Elective Courses can be retrospective from 109 Academic Year after Chair approved.