

**List of the Required Courses of the Department of Economics and Finance, Ming Chuan University
(applicable to the 2019 freshman class)**

Course	Credits	Hours	1 st year				2 nd year				3 rd year				4 th 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 Purposes II	2	3														2	1		
	Applied Information Technology : Office Software	2	3	2	1															Note 1
	Programing Design	2	3			2	1													Note 2
	General Education	12	12																	Note 2
	Physical Education I ~ VI	0	12	2		2		2		2		2		2						
Subtotal	28	54																		
Core Required Course in FinTech School	Introduction to Finance and Finance Ehtics	2	2	2	0															
	Introduction to FinTech	2	2					2	0											
	Programing Syntax	3	3			3	0													
	Introduction to Data Analysis	3	3	3	0															
	Subtotal	10	10	5	0	3	0	2	0											
Professional Required Courses	Economics I	3	5	3	2															
	Economics II	3	5			3	2													
	Calculus	3	4	3	1															
	Economic Mathematics	3	4			3	1													
	Accounting	3	5	3	2															
	Statistics I	3	4					3	1											
	Statistics II	3	4							3	1									
	Microeconomics I	3	5					3	2											
	Microeconomics II	3	5							3	2									
	Macroeconomics I	3	5					3	2											
	Macroeconomics II	3	5							3	2									
	Financial Management I	2	3					2	1											
	Financial Management II	2	3							2	1									
	Money and Banking	2	2									2								
Econometrics I	2	3									2	1								

		Econometrics II	2	3									2	1						
		Financial Economics	2	2									2							
		International Finance	2	2							2									
		Seminar on Economics I	0	1									0	1						
		Seminar on Economics II	0	1											0	1				
		FinTech Workshop I	2	2							2									
		FinTech Workshop II	2	2									2							
		Subtotal	51	75	9	5	3	2	11	6	14	7	8	1	6	2	0	1	1	0
Sub_fields	Finance	Investment	3	3									3							
		Subtotal	3	3										3						
	Applied Economics	Industrial economics	3	3											3					
		Subtotal	3	3											3					
Elective Courses	Elective By Major	Markets and Institutions (E)	3	3									3						taught in English	
		Financial Institutions Management	3	3											3					
		Analysis of Financial Statements	3	3										3						
		International Corporate Finance	3	3										3						
		E-commerce of Finance	3	3										3						
		Information System of Finance	3	3											3					
		Data Mining and Analysis of Big Data	3	3												3			Computer Course	
		Financial Technology	3	3												3				
		Programming and Designing of Information System for FinTech	3	3											3					
		.net programing design	3	3											3					Computer Course
		Packages in Economics Software	3	3												3				Computer Course
		Managerial Economics	3	3							3									
		Healthcare Industry	3	3											3					
		Industrial Economics Analysis	3	3													3			
Labor Economics	3	3													3					
Trade Theory and Policy	3	3													3					

	Economics of Regulation	3	3																	3			
	Seminar in Regional Economics	3	3																		3		
	International Business	3	3																		3		
	Seminar in Cross-Strait Economics	3	3										3										
	Management of Financial Risks	3	3											3									
	Development of Financial Instruments	3	3																		3		
	Futures and Options	3	3									3											
	Financial laws	3	3											3									
	Individual Financial Planning	3	3																		3		
	Ethical Economics	3	3										3										
	Seminar in Economic and Financial News	3	3																		3		
	On-line Micro Enterprise	3	3																			3	
	Public Finance	3	3										3										
	Analysis of IT Industry	3	3																		3		
	Reading in Economic and Financial Materials	3	3																			3	
	Game Theory and Its Application	3	3																			3	
	Business Practicum I																				3		
	Business Practicum II																					3	
	Financial Database													3									
	Insurance	3	3										3										
	Management	3	3									3											
Other Electives	Introduction to Civil Code	2	2	2																			
	Business Law	2	2																				
	English for Economics and Trade I	2	2																		2		

	English for Economics and Trade II	2	2	2																	
	All-out Defense Education Military Training A	0	2	2																	
	All-out Defense Education Military Training B	0	2			2															
	Aid Training 1	0	2	2																	
	Aid Training 2	0	2			2															
	All-out Defense Education Military Training III I	0	2					2													
	All-out Defense Education Military Training IV	0	2						2												
	Physical Education	2	2										2								
	Physical Education	2	2														2				
	Japanese I	2	3					2	1	2	1										
	Japanese II	2	3									2	1	2	1						
Total Required Course Credits	Core Required Courses	28																			
	Core Required Course in FinTech School	10																			
	Required Courses	51																			
	Required Courses for Sub-fields	Finance	3																		
		Applied Economics	3																		
	Elective Courses for Sub-fields	Finance	36																		
		Applied Economics	36																		
Total Credits	128																				

- Notes :
1. In accordance with the university code, undergraduates must pass the evaluation of service-and-learning, English proficiency, IT literacy, Chinese proficiency, fitness requirement, major core competency before graduation.
 2. Students must take 12 credit hours from general education courses, which are classified into three categories: arts and literature, social science, and natural science. Each of the three categories is further divided into core and extension levels from which students must take at least 1 course to fulfill graduation requirement.
 3. The elective courses of the department covers the fields of Industrial Economics and Finance. Students enrolled in the Finance field are required to take at least 4 courses from the Industrial Economics field and at least 2 from the Finance field. Students enrolled in the Industrial Economics field must take at least 2 courses from the Industrial Economics and at least 4 from the Finance field.

Subfields	(1) Industrial Economics	(2) Finance
Courses	Trade theory and policy	Analysis of Financial Statements
	Industrial Economics Analysis	Futures and Options
	Managerial Economics	International Corporate Finance
	Game Theory and Its Application	Individual Financial Planning
	Economics of Regulation	Management of Financial Risks
	Healthcare industry	Financial Markets and Institutions (E)
	Seminar in Regional Economics	Financial Institutions Management
	Labor Economics	Development of Financial Instruments
	On-line Micro Enterprise	E-commerce of Finance
	Analysis of IT industry	Information System of Finance
	International Business	Data Mining and Analysis of big data
	Seminar in Cross-Strait Economics	Seminar in Economic and Financial News
	Packages in Economics Software	Financial Technology
	Data Mining and Analysis of Big Data	Financial Laws
	Programming and Designing of Information System for FinTech	Reading in Economic and Financial Materials
	.net Programing Design	Packages in Economics Software
	Public Finance	Programming and Designing of Information System for FinTech
	Business Practicum I	.net Programing Design
	Business Practicum II	Financial Database
		Business Practicum I
	Business Practicum II	

4. All the credits earned from the interdisciplinary focused course programs, or no more than 20 credits earned from the elective courses offered by the other departments, are accepted; All students are required to take at least 3 elective courses from the two fields.
5. Any credits beyond the 12 from general education and education program is not counted as the graduation credits.
6. A non-synchronized on-line Economics course will be added hereon. There are 6 credits for two semesters.
7. The elective courses listed in the course structure will be applicable to students enrolled in the department before 2018.
8. Upon the approval of the chairman of the department, students that need to retake certain required courses can enroll in the courses offered by the other departments with the same title and credit hours. This code applies to the students enrolling in the department before 2018.
9. Required courses in one of the two subfields can be counted as required course credits in the other fields.

