## List of the Required Courses of Economics and Finance Department, Ming Chuan University (applicable to the 2022 (AY 111) freshman class)

					1 <sup>st</sup> year				2 <sup>nd</sup> year					year			4 <sup>th</sup> y			
				Fa	11	Spri	ng	Fa	II	Spr	ing	Fa	11	Spr	ing	Fa	II	Spri	ng	
	Course			Class	Lab	Class	Lab	Class	Lab	Class	Lab	Class	Lab	Class	Lab	Class	Lab	Class	Lab	Note
	Chinese Literature: Appreciation and Creative	2	2	2					-											
	Writing I	2	2	2																
	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									Note 1
Core Required	English for Business Communication I	2	3									2	1							
Courses	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	
	Artificial Intelligence	2	3	2	1															Note 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						
	Subtotal	28	54																	
	Introduction to Finance and Finance Ethics	2	2	2	0															
	Introduction to FinTech	2	2			2	0													
Core Required Course in	Programing Syntax	3	3			3	0													Computer Course
FinTech School	Introduction to Data Analysis	3	3	3	0															Computer Course
	Subtotal	10	10	5	0	5	0													
	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									
Professional	Microeconomics I	3	5					3	2	_	-				<u> </u>					
Required Courses	Microeconomics II	3	5					2	2	3	2				-		$\vdash$			
	Macroeconomics I	3	5					3	2	2	2				$\vdash$					
	Macroeconomics II	3 2	5 3					2	1	3	2		-		$\vdash$		$\vdash$			
	Financial Management I Financial Management II	2 2	3					2	1	2	1									
	Financial Quantitative Data	2	2							2	1				$\vdash$		$\vdash$			
	Money and Banking	2	2							-		2								
	Econometrics I	2	3										1					L		
	Econometrics II	2	3											2	1					

		Financia	al Economics	2		2									2								
		Semina	r on Economics I	0		1											0	1					
		Somina	r on Economics II	0		1													0	1			
				-	_										-				0	1			
			Workshop I	2 2		2 2									2		2						
			Workshop II s Practicum I	2	ľ	Z											2		0	1			
			s Practicum II																U I	1	0	1	
		Subtota		5	51	75	9	5	3	2	11	6	14	7	8	1	6	2	0	2			
	1	Subtota			-	, ,	5	5		-		Ŭ	1.	,		-	Ŭ	~	Ű	-		-	
	Finance	Investm	nent	3		3									3								
Sub-	i indrice	Subtota	l	3	:	3									3								
fields	Applied		al economics	3	:	3											3						
	Economics	Subtota	I	3		3											3						
			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					1			
			E-commerce of Finance	3	3	3									3								
			Information System of Finance	3	1	3											3						
			Data Mining and Analysis of Big Data	3		3													3		u.		Computei Course
			Financial Technology	3	:	3											3						
			Programming and Designing of Information System for FinTech	3		3									3								Compute Course
			.net Programing Design	3		3									3								Computer Course
		Elective	Packages Software in Economics	3	:	3											3						Computer Course
Electiv		Ву	Managerial Economics	3	3	3							3										
Cours	es	Major	Analysis of FinTech Industry	3		3							3										
			Industrial Economics Analysis	3	-	3													3		<u> </u>		
			Seminar in Regional Economics	3		3									-				3	<u> </u>	ļ		
			International Business	3	1	3													3				
			Seminar in Cross-Strait Economics	3	:	3											3						
			Market Micro-Structure	3	:	3									3								
			Management of Financial Risks	3	:	3											3						
			Development of Financial Instruments	3	1	3													3				
			Futures and Options	3		3									3								
			Financial Laws	3	-	3											3						
			Individual Financial Planning	3		3	ļ										-		3				
			Ethical Economics	3		3							3										
			Seminar in Economic and Financial News	3		3													3				
			Trade Theory and Policy	3		3											3						

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		On-line Micro Enterprise	3	3											3						
		Public Finance	3	3									3								
		Analysis of IT Industry	3	3							3										
		Reading in Economicand Financial Materials	3	3											3						
		Game Theory and Its Application	3	3															3		
		Business Data Visualization													3						
		Financial Database	3	3											3						
		Insurance	3	3							3										
		Management	3	3					3												
		Introduction to Civil Code	2	2	2																
		Business Law	2	2			2														
		English for Economics and Trade I	2	2	2		<u> </u>			<u> </u>											
		English for Economics and Trade II	2	2		2															
		All-out Defense Education Military Training I	0	2	2																
	()ther	All-out Defense Education Military Training II	0	2			2														
	Elective	Aid Training 1	0	2	2																
	Courses	Aid Training 2	0	2			2														
		All-out Defense Education Military Training III	0	2					2												
		All-out Defense Education Military Training IV	0	2							2										
		Physical Education (4 <sup>th</sup> year I)	2	2													2				
		Physical Education (4 <sup>th</sup> year II)	2	2															2		
		Japanese I	2	3					2	1	2	1									
		Japanese II	2	3									2	1	2	1					
	Core Red	quired Course	28																		
	Core Re	quired Course in FinTech School	10																		
	Required	d Courses	51																		
Total Required	Require Courses		3																		
Course Credits	for Sub- fields	Applied Economics	3																		
	Elective Courses		36																		
	for Sub- fields		36																		
	Total Credits																				

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 Finance and Industrial Economics. Students enrolled in the Applied Economics 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 Finance 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							
	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							
	Seminar in Regional Economics	Management of Financial Risks							
	On-line Micro Enterprise	Markets and Institutions (E)							
	Analysis of IT Industry	Financial Institutions Management							
	International Business	Development of Financial Instruments							
	Seminar in Cross-Strait Economics	E-commerce of Finance							
	Packages Software in Economics	Information System of Finance							
	Data Mining and Analysis of Big Data	Data Mining and Analysis of Big Data							
Elective	Programming and Designing of Information	Sominarin Economic and Einancial Neuro							
Courses	System for FinTech	Seminar in Economic and Financial News							
	.net Programing Design	Financial Technology							
	Public Finance	Financial Laws							
	Business Practicum I	Reading in Economic and Financial Materials							
	Business Practicum II	Packages Software in Economics							
		Programming and Designing of Information							
	Analysis of FinTech Industry	System for FinTech							
	Business Data Visualization	.net Programing Design							
	Market Micro-Structure	Financial Database							
		Business Practicum I							
		Business Practicum II							
		Business Data Visualization							
		Market Micro-Structure							

- 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 2022(AY 111).

- 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 2022 (AY 111).
- 9. Required courses in one of the two subfields can be counted as required course credits in the other fields.