

NTUST
Graduate Institute of finance Master Program

2025.01

Each student is required to complete **42** credits for graduation. There are seminars (zero credit) for **3** semesters and 5 required courses listed below. Students could also choose courses from other departments in **School of Management** in **NTU System** (ex: MBA, Graduate Institute of Industrial Management, Department of Business Administration...,etc, but only graduate school courses are permitted) to fill up the rest of the **21** credits needed to graduate.

Required Courses (Seminar) – Chinese Courses

Course Code	Course		Credits	
FN5001	專題研討(一)	Seminar on Special Topics (1)	0	Choose two out of the Four
FN5002	專題研討(二)	Seminar on Special Topics (2)	0	

- ※ For students who enroll in Spring Semester, sometimes the system does not add “Seminar on Special Topics” courses automatically.
Please add them in your student system by yourself!

Required Courses list (21 credits)

- ※ Before the end of the first year, students have to take the “Academic Research Ethics” course from [Center for General Education](#).
Otherwise, students are not allowed to apply for an oral defense.
- ※ **Professors do not teach required courses every year. Some courses are taught once in two years. Please notice your course arrangement.**

Course Code	Course		Credits	English Course
FN5501★	投資學	Investments	3	6 credits
FN5401★	財務管理	Financial Management	3	
	*學術研究倫理	Academic Research Ethics	0	

Required Courses Choose 5 courses from the six modules (Each module choose a course as the required course) 15 credits					
研究方法 Research Methods	credits	English Course	金融商品與定價 Financial Products and Pricing	credits	English Course
計量經濟(英) Econometrics	3	FN5303 ★	期貨與選擇權(英) Future and Options	3	FN5741 ★
迴歸分析 Regression Analysis	3		隨機過程與財務應用 Stochastic Processes and Financial Applications	3	
線性模式 Linear Models	3		財務工程數學 Mathematics for Financial Engineering	3	
時間數列分析 Time Series Analysis	3		選擇權定價理論 Option Pricing Theory	3	
計量研究方法 Quantitative Research Methods	3				
金融數據分析 Financial Analytics	3				
會計及財務研究方法 Research Methods and Methodology in Accounting & Finance	3				
金融機構 Financial Institutions	credits	English Course	公司理財 Corporate Finance	credits	English Course
投資銀行與併購(英) Investment Banking and Merger and Acquisition	3	FN5506 ★	國際財務管理(英) International Finance Management	3	FN5601 ★
財務風險管理 Financial Risk Management	3		公司治理 Corporate Governance	3	
金融機構管理 Financial Institutions Management	3		商業策略與創業財務 Business Strategies and Entrepreneurial Finance	3	
金融機構風險管理 Financial Institution Risk Management	3				
投資管理 Investment Management	credits	English Course	其他財金相關 Other financial related	credits	English Course
財報分析(英) Financial Statement Analysis	3	FN5201 ★	資產證券化(英) Asset Securitization	3	FN6752 ★
固定收益證券 Fixed Income Securities	3		ESG 與永續金融 ESG and Sustainable Finance	3	FN 5117 ★
財經指標投資實務 Investment Practice Using Economic and Financial Indicators			行為財務學 Behavioral Finance	3	
企業分析、診斷與評價 Business Analysis, Diagnosis and Valuation			投資心理學 The Psychology of Investment	3	
投資組合管理實務 Portfolio Management Practices			量化風險管理 Quantitative Risk Management	3	
個股基本面投資分析 Fundamental Analysis for Individual Stock Investment					
證券市場產業研究實務 Industrial Analysis Practice					

in the Securities Markets					
量化投資實務 Quantitative Investment in Practice					

Graduate students must log into the "Thesis/Dissertation and Advisor Information System" to register the research topics and objectives of their thesis. Graduate students must confirm with their supervisor during the initial stage of thesis writing, that the topic and content of their thesis align with the department's academic field of expertise. Students have to submit their thesis topic and an outline of their research objectives to the department to confirm whether the thesis aligns with the department's academic field of expertise. This has to be done before the end of the semester prior to the degree exam, or, at the latest, before the deadline of the university-wide add-and-drop period of the semester of the degree exam. The exact deadline within this period may be specified by the department. An exception holds for departments that require oral examinations for thesis research projects, where students are required to verify that their dissertation is in line with the department's area of expertise during the oral examination of their research project."

PS. Please refer to the respective department's website for detailed program requirements and regulations.

PPS. The hard copy of the "Thesis Application Form" of the Institute of Finance is on the official website. Please complete the hard copy first, then log in to the system and submit two hard copies to the office.

※Student has to select a thesis advisor within the end of the first year.