

Investment

(Grade 2024)

Course code: 020304

I. Cultivation Objectives

1. General cultivation objective

The program cultivates talents who can adapt to the needs of the wealth management market and the development of Shanghai International Financial Centre, have good political theoretical and moral qualities, good overall development in moral, intellectual, physical, aesthetic and labour aspects, a sense of innovation and international perspective, master the basic knowledge of economy, finance, investment, finance and other fields, be familiar with financial products, financial regulations, investment rules and investment methods, be able to make comprehensive use of macro and microeconomic information to make investment and financing decisions, and are competent to work in various financial institutions and non-financial enterprises, including investment and financing analysis and decision-making, investment consulting and trading, etc..

2. Five years after graduation, students in this program should achieve the following objectives:

- (1). Have a sense of patriotism and national pride, a sense of social responsibility, a good humanities and social science education, and a firm commitment to professional ethics.
- (2). Possess professional knowledge and skills to continuously develop and acquire professional knowledge in financial investment consulting, financial big data analysis, securities trading and quantitative investment, and the ability to solve complex problems in the field of financial investment.
- (3). Have good communication skills, spirit of innovation and teamwork, as well as leadership skills to provide investors with sound, professional and integrated solutions for wealth management.
- (4). Have the ability to learn lifelong, have an international perspective, and maintain physical and mental health and motivation for continuous development.

II. Graduation requirements

Students of this program mainly study the basic theories and knowledge of Economics, Finance and Investment, and should systematically master the basic theories, professional knowledge and business skills required for financial investment, with a strong cognitive and practical ability to operate in financial markets, and a preliminary understanding of methods to solve complex problems in the professional field. Graduates are expected to achieve competencies in the following nine areas:

1. Morality and Ethics: Have good humanistic foundation, scientific spirit, professionalism and a sense of social responsibility, understanding of national and social conditions and practice core values of socialism.

1-1 Have a firm political orientation, be familiar with the basic lines, guidelines and policies of the Party and the State, and practise the core values socialism.

1-2 Possess good humanities and social science literacy, understand national and social conditions, appreciate public opinion, and pay attention to and think about professional topical issues of national planning and people's livelihood.

1-3 Abide by the professional ethics of the financial market and be familiar with the laws, regulations and industry codes in the field of financial investment

2. Professional knowledge: Have solid basic theoretical knowledge and professional skills in Investment, master basic research methods in the field of financial investment, and understand the latest developments and development trends in the Program of Investment and related fields.

2-1 Have strong knowledge of the humanities and certain basic knowledge of the natural sciences.

2-2 Have knowledge of basic theories of economics and management and familiarity with the basics of Investment.

2-3 Master financial risk management and investment decision analysis methods, understand the laws of financial market operation, be familiar with mainstream financial market products, and understand the macroeconomic situation and the latest developments and trends in the investment field.

2-4 Have knowledge of modern theoretical methods and tools for the statistical analysis of financial data.

3. Ability to innovate: Have the ability to identify, analyse and evaluate various phenomena and problems in the field of investment, and the ability to integrate knowledge from various fields to explore investment opportunities, innovate investment theories and methods, develop financial products and meet market demand for wealth management in different economic environments.

3-1 Ability to innovate in financial products: Have the ability to design and develop innovative financial products in response to different regulatory requirements, market environments and customer needs.

3-2 Ability to innovate in financial services and marketing tools: Have the ability to provide personalized marketing programmes and more efficient financial services based on the characteristics of the client's background, combined with the latest technological tools and marketing methods.

3-3 Ability to innovate in investment methods: Have the ability to correctly interpret market information, make independent judgements about the economic situation, national policies and the market environment, and the ability to change investment methods in response to market changes, maintain a correct understanding and make sound judgements about the current situation and problems in the financial markets.

4. Ability to use knowledge: Have the ability to apply investment professional knowledge to solve practical problems, to conduct comprehensive analysis and research on complex problems in the investment field, and to propose corresponding recommendations or solutions.

4-1 Be able to develop reasonable financial planning solutions to meet the different wealth management needs of clients based on their financial situation.

4-2 Be able to correctly analyse the financial situation of the enterprise and provide investment and financing advice to the enterprise in the context of the macro and industry situation.

4-3 Be able to use software tools and data analysis methods to collect, explore, model and analyse financial data to form valuable investment recommendations.

4-4 Be able to correctly interpret macroeconomic data and form investment decision recommendations based on the assessment and analysis of the investment value and investment risks of listed companies, financial products and investment projects.

4-5 Be able to use quantitative investment tools to form quantitative investment strategies, taking into account the laws of financial market operation and the characteristics of financial products.

5. Ability to use Information: Master the necessary programming languages and information processing tools, have the ability to select appropriate data for analysis based on different issues, and to serve the investment process with help of data tools and methods.

5-1 Be proficiency in the use of financial databases, familiar with the sources and implications of various macro, meso and micro information, and have the ability to correctly select data analysis tools for interpretation and analysis.

5-2 Have consciousness of data application, the ability to analyse problems in investment practice through data, familiarity with the use of common data analysis software, and the use of financial data to provide support for marketing, investment and other decisions.

5-3 Be able to implement basic financial data exploration work and quantitative investment strategy development through programming techniques.

6. Communication skills: Have ability to communicate effectively in writing and orally on issues related to investment related fields.

6-1 Be able to express their views accurately on professional issues, orally, in manuscripts, diagrams, etc.

6-2 Be able to communicate and interact effectively with industry peers on issues in their area of expertise.

7. Teamwork: Have the ability to correctly understand the responsibilities and values of different roles in a team, a sense of teamwork, a willingness to work towards team goals, and certain leadership ability.

7-1 Be able to define their own role in the team according to their own characteristics and be able to correctly recognize and understand the responsibilities and values of their different roles and those of their team members.

7-2 Have the ability to communicate well and work harmoniously with team members on projects, to actively work towards achieving team goals and to develop certain team leadership skills.

8. International perspective: Pay attention to international trends and topical issues in the financial field, understand the differences and diversity of national financial systems and participating institutions, and be familiar with the risks and strategies of cross-border financial investments.

8-1 Be fluent in at least one foreign language, and able to access international information and follow developments in international financial markets.

8-2 Have an international perspective and a clear understanding of the international economic situation and the interconnectedness and complexity of international financial markets,.

9. Learning and development: Maintain physical and mental health, have a sense of lifelong learning and the ability to self-manage and learn independently, and be able to adapt to sustainable social development and achieve personal career development goals through continuous learning.

9-1 Have a correct perspective on life, maintain physical and mental health, recognize the need for continuous exploration and learning, and have a sense of independent and lifelong learning.

9-2 Understand ways to expand their knowledge and abilities. Be able to use appropriate methods of independent learning for the needs of personal or professional development in order to respond to the development of the industry in which they work.

III. Schooling System

Four years.

IV. Length of Study

Flexible study period, generally four years, the minimum length of flexibility is not less than three years, the

longest not more than six years.

V. Requirements for Graduation and Degree Conferring

To graduate, students must complete the minimum number of credits required by the Instructive Cultivation Plan for each category of study and all the content required by the Extracurricular Class, with a total of 158 credits, and a Bachelor of Economics degree if they meet the requirements for the award of a Bachelor's degree.

VI. Discipline

Economics, Finance.

VII. Core Courses

Western economics, applied Statistics, Finance, International Finance, Econometrics, Corporate Finance, Financial Risk Management, Portfolio Management, Securities Investment, Investment Banking, Python Programming Fundamentals and Data Analysis, Project Evaluation and Management, Financial Statement Analysis, Fixed Income Securities and Data Mining.

VIII. Course Structure and Course Hours (excluding Extracurricular Class)

Category	Total Credit	%	Total Course Hours	Theory Learning	Practical Training
Public Fundamental Course	50.5	32	944	854	90
General Education	10	6	160	160	0
Professional Fundamental Course	37	24	600	527	73
Professional Course	34	22	544	459	85
Professional Practice	25.5	16	760	0	760
Total	157	100	3008	2000	1008
Theory:Practical (%)				66:34	

IX. Teaching schedule (1)

Category	Type	Provided by	Course Code	Course Name	Assessment	Credit	Course Hours	Theory Learning	Practical Training	Recommended semester
Public Fundamental Course	required	School of Marxism	b1080001	Basic Principles of Marxism	test	3	48	42	6	Autumn 1
	required	School of Marxism	b1080009	Ethics and the Rule of Law	non-test	3	48	42	6	Autumn 1
	required	School of Marxism	b1080006	Outline of Modern Chinese History	non-test	3	48	42	6	Spring 1
	required	School of Marxism	b1080010	Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics	test	3	48	42	6	Autumn 2
	required	School of Marxism	b1080011	Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	test	3	48	42	6	Spring 2
	required	School of Marxism	----	Situation and Policy (Modules 1 to 4)	non-test	2	32	28	4	Autumn 1 to Spring 2
	required	Others	b1110004	Mental Health Education for University Students	non-test	2	32	16	16	Spring 1
	required	School of Marxism	b1080008	Labour Education A	non-test	0.5	16	16		Spring 1
	required	School of Mathematics, Physics and	b1020082	Advanced MathematicsB1	test	4	64	64		Autumn 1
	required	School of Mathematics, Physics and	b1020083	Advanced MathematicsB2	test	2	32	32		Spring 1
	required	School of Mathematics, Physics and	b1020012	Linear Algebra	test	2	32	32		Spring 1
	required	School of Mathematics, Physics and	b1020114	Probability Theory and Mathematical Statistics	test	3	48	32	16	Autumn 2
	required	School of Foreign Languages and	b1020018	Academic Chinese	non-test	2	32	32		Autumn 1
	required	College of Physical Education	----	Physical Education I to VI	non-test	3	160	160		Autumn 1 to Autumn 4
	required	Others	b1110003	Military skills	non-test	0.5	2W			Autumn 1
	required	Others	b1110002	Military theory	non-test	0.5	32	32		Spring 1
	required	Engineering Training	b1090001	Basic Engineering Training	non-test	2	32		32	Spring 1
	required	School of Computer and Information	b1012001	Applications and Practice of Artificial Intelligence	non-test	1	16	8	8	Spring 1
	required	School of Resources and	b1013002	Low-carbon and Ecological Civilization	non-test	1	16	16		Autumn 1
	★ Academic English(Select 1 Module for 10 Credits)	Module A	b1020003	General English III	test	3	48	48		Autumn 1
			b1020004	General English IV	test	3	48	48		Spring 1
			b1020005	General Academic English A	test	2	32	32		Autumn 2
			---	English Knowledge Expansion	non-test	2	32	32		Spring 2
		Module B	b1020002	General English II	test	3	48	48		Autumn 1
			b1020003	General English III	test	3	48	48		Spring 1
			b1020006	General Academic English B	test	2	32	32		Autumn 2
			---	English Knowledge Expansion	non-test	2	32	32		Spring 2
		Module C	b1020001	General English I	test	4	64	64		Autumn 1
			b1020002	General English II	test	3	48	48		Spring 1
b1020003			General English III	test	3	48	48		Autumn 2	
★ Academic German		School of Foreign Languages and	b1020040	Academic German I	test	3	48	48		Autumn 1
	School of Foreign Languages and	b1020041	Academic German II	test	3	48	48		Spring 1	
	School of Foreign Languages and	b1020042	Academic German III	test	4	64	64		Autumn 2	
★ Academic Japanese	School of Foreign Languages and	b1020077	Academic Japanese I	test	3	48	48		Autumn 1	
	School of Foreign Languages and	b1020078	Academic Japanese II	test	3	48	48		Spring 1	
	School of Foreign Languages and	b1020079	Academic Japanese III	test	4	64	64		Autumn 2	
Subtotal (Public Fundamental Course)						50.5	944	854	90	
General Education	required	Art Education Center	b0----	Aesthetic Education	non-test	2	32	32		Autumn, Spring
	selective	Each College	b0----	Social Sciences and Humanistic Qualities (4 Credits)	non-test	4	64	64		Autumn, Spring
				Natural Sciences and Technology Innovation(4 Credits)	non-test	4	64	64		Autumn, Spring
Subtotal (General Education)						10	160	160	0	

(★Note: The first foreign language is 10 credits in total, including 3 languages: Academic English, Academic German and Academic Japanese, choose the appropriate language as required; when Academic English is chosen, please choose the appropriate module in Module A, B, C)

IX. Teaching schedule (2)

Category	Type	Provided by	Course Code	Course Name	Assessment	Credit	Course Hours	Theory Learning	Practical Training	Recommended semester		
Professional Fundamental Course	required	School of Economics and Management	b2030159	*Applied Statistics	test	3	48	40	8	Spring 2		
	required	School of Economics and Management	b2030037	Management Studies	test	3	48	48		Autumn 1		
	required	School of Economics and Management	b2030316	Microeconomics	test	3	48	48	0	Spring 1		
	required	School of Economics and Management	b2030317	Macroeconomics	test	3	48	48	0	Autumn 1		
	required	School of Economics and Management	b2030060	Principles of Accounting	test	3	48	48		Autumn 1		
	required	School of Economics and Management	b2030081	*Finance	test	3	48	48		Autumn 2		
	required	School of Economics and Management	b2030384	*Econometrics	test	4	64	48	16	Autumn 3		
	required	School of Economics and Management	b2030459	Fundamentals of Python Programming and Data Analysis	test	3	48	24	24	Autumn 2		
	required	School of Economics and Management	B2030284	Political Economy	test	3	48	48		Spring 1		
	required	School of Economics and Management	b2030082	Economic Law	test	3	48	48		Autumn 1		
	required	School of Economics and Management	b2030043	*International Finance	test	3	48	39	9	Spring 2		
	required	School of Economics and Management	b2030010	Finance	non-test	2	32	28	4	Autumn 2		
required	School of Economics and Management	b2030188	Introduction to the Program of Investment	non-test	1	24	12	12	Summer 1			
Subtotal (Professional Fundamental Course)							37	600	527	73		
Professional Course	required	School of Economics and Management	b2030189	*Portfolio Management	test	3	48	45	3	Spring 3		
	required	School of Economics and Management	b2030190	Financial Statement Analysis	non-test	2	32	32		Autumn 2		
	required	School of Economics and Management	b2030191	*Securities Investment	test	3	48	48		Spring 2		
	required	School of Economics and Management	b2030385	*Corporate Finance	test	4	64	52	12	Spring 2		
	required	School of Economics and Management	b2030508	Fixed Income Securities	test	2	32	32		Autumn 3		
	required	School of Economics and Management	b2030454	Project Investment Management	test	2	32	32		Spring 2		
	required	School of Economics and Management	b2030196	*Investment Banking	test	2	32	26	6	Autumn 3		
	required	School of Economics and Management	b2030197	*Financial risk management	test	3	48	36	12	Spring 3		
	required	School of Economics and Management	b2030198	Data mining	non-test	3	48	40	8	Spring 3		
	Subtotal(Required Professional Course)							24	484	343	41	
	Select different courses in different modules for 6 credits	Module A	b2030509	Financial Database Application Technology	non-test	2	32	24	8	Autumn 3		
			b2030458	Financial Big Data Processing	non-test	2	32	16	16	Autumn 3		
			b2030510	Financial Data Modeling	non-test	2	32	26	6	Spring 3		
			b2030225	Analysis of Key Indicators in Financial Markets	non-test	2	32	26	6	Autumn 4		
		Module B	b2030346	Quantitative Trading Practice	non-test	2	32	26	6	Autumn 3		
			b2030345	Futures and Options	non-test	2	32	32		Autumn 3		
			b2030192	Behavioral Finance	test	2	32	26	6	Autumn 3		
			b2030206	Classic Case Analysis of Financial Markets	non-test	2	32	32		Spring 3		
		Module C	b2030511	Environmental Economics	test	2	32	32		Spring 3		
b2030512			Carbon Finance	test	2	32	32		Autumn 3			
b2030513	Green Finance		non-test	2	32	26	6	Autumn 3				
		b2030514	ESG and Sustainable Investment	non-test	2	32	32		Autumn 4			
Subtotal (Selective Module Course)							8	128	92	36		
Professional Course	Selective	School of Economics and Management	b2030503	Fundamentals and Frontiers of Economics and Finance	non-test	2	32	24	8	春 2		

for 2 credits	School of Economics and Management	b2030515	Digital Finance	non-test	2	32	24	8	春 3
	School of Economics and Management	b2030516	Computational Social Science	non-test	2	32	24	8	春 3
	School of Economics and Management	b2030517	AI and Big Data Marketing	non-test	2	32	24	8	春 3
	School of Economics and Management	b2030501	Standards and Quality Management	non-test	2	32	24	8	春 3
	Subtotal (Selective Professional Course)				2	32	24	8	
	Subtotal (Professional Course)				34	544	459	85	

IX. Teaching schedule (3)

Category	Type	Provided by	Course Code	Course Name	Assessment	Credit	Course Hours	Theory Learning	Practical Training	Recommended semester	
Professional Practice	required	School of Economics and Management	b400029	the Program of Investment Innovation and Entrepreneurship	non-test	2	48		48	Summer 2	
	required	School of Economics and Management	b4030083	Data analysis and software applications	non-test	1	24		24	Summer 1	
	required	School of Economics and Management	b4030033	Accounting Practice	non-test	1	24		24	Summer 1	
	required	School of Economics and Management	b4030066	Literature search and review	non-test	1	24		24	Summer 1	
	required	School of Economics and Management	b4030235	Office Automation	non-test	2	48		48	Summer 1	
	required	School of Economics and Management	b4030084	Financial Investment Practice	non-test	2	48		48	Summer 2	
	required	School of Economics and Management	b4030099	Financial Analysis Simulation	non-test	2	48		48	Summer 2	
	required	School of Economics and Management	b4030219	Multivariate Data Analysis and Modelling	non-test	2	48		48	Summer 2	
	required	School of Economics and Management	b4030254	Practice in the Derivatives Market	non-test	1	24		24	Summer 3	
	required	School of Economics and Management	b4030200	Labour Education B	non-test	0.5	16		16	Spring 3	
	required	School of Economics and Management	b4030136	Investment graduation internship and graduation design (thesis)	non-test	6	288		288	Spring 4	
	Subtotal(Required Professional Practice)						20.5	640		640	
	Select different courses for 5 credits		School of Economics and Management	b4030090	Practice for Financial Information Data Management	non-test	1	24		24	Summer 3
			School of Economics and Management	b4030236	Practice for Risk Management	non-test	1	24		24	Summer 3
			School of Economics and Management	b4030201	Practice for Industry Research Methodology	non-test	1	24		24	Summer 3
		School of Economics and Management	b4030202	Financial data collection and mining	non-test	1	24		24	Summer 3	
		School of Economics and Management	b4030061	Practice in Commercial Banking	non-test	1	24		24	Summer 3	
		School of Economics and Management	b4030178	Report writing on investment value analysis of listed companies	non-test	1	24		24	Summer 3	
Subtotal(Selective Professional Practice)						5	120		120		
Subtotal (Professional Practice)						25.5	760		760		
Extracurricular	required	Others	b5110001	Extracurricular Class	non-test	1	-	-	-	Autumn, Spring,	
Total						158	3008	2000	1008		

1. Description of Selective Professional Course:

Module A: Financial Big Data Analysis Module

Module B: Financial Intelligent Investment Advisory Module

Module C: Green Finance Frontier Module

2. Explanation of the relevance of professional certificates to the course:

Students who have obtained the Junior Accountant Qualification Certificate, Banking Professional Qualification Certificate, or Futures Practitioner Qualification Certificate through social exams may be exempt from a 2-credit course during the third summer semester. Students who have acquired the Computer Grade 2 (Python Programming Language) Certificate may be exempt from the course Fundamentals of Python Programming and Data Analysis. Those who have earned the Computer Grade 2 (MS Office Applications) Certificate may be exempt from Office Automation. Students possessing the 1+X Intermediate Certificate in Financial Big Data Processing may be exempt from Financial Big Data Processing. Furthermore, students who participate in scientific and technological innovation activities, achieve research results, engage in independent entrepreneurship, or fulfill other criteria stipulated in the Innovation and Entrepreneurship Credit Management Measures of Shanghai Polytechnic University

may be exempt from Innovation and Entrepreneurship in Investment.

1, Module A: Financial Big Data Analysis Module

Module A focuses on securities investment, python programming language, data mining, financial modeling, financial big data processing and other knowledge learning, so that students have the ability to analyze financial data, financial data mining and application, and cultivate composite talents with both financial investment and data analysis ability.

2, Module B: Financial Intelligent Investment Advisory Module

Module B focuses on the study of securities investment theory, risk management and portfolio management, financial derivatives, behavioral finance, and quantitative trading. It seeks to empower students with investment research skills, the development and application of quantitative investment strategies, fostering specialized talents capable of working in intelligent investment advisory roles within financial enterprises.

3, Module C: Securities Trading and Quantitative Investment Module

Module C focuses on imparting knowledge about new frontiers, technologies, and methodologies in green finance. It prepares students with the professional knowledge necessary for working in green finance and carbon finance, nurturing composite financial service talents who not only understand financial investment but also possess a background in green financial industries.

X. Credit of Extracurricular Class

Through taking extracurricular classes, students are encouraged to take part in academic lectures, social practice activities, campus cultural and sports activities, innovative and entrepreneurial activities, voluntary activities, etc. to improve their social adaptability and enhance the competitiveness in the job market. Details are specified in Students' Manual.

Appendix I: Matrix of Supporting Relationships of Graduation Requirements to Cultivation Objectives (√)

	Cultivation Objective 1	Cultivation Objective 2	Cultivation Objective 3	Cultivation Objective 4
Graduation requirement 1: character and moral integrity	√			√
Graduation requirement 2: Subject knowledge	√	√		√
Graduation requirement 3: Creative ability		√	√	
Graduation requirement 4: Applied skills	√	√	√	
Graduation requirement 5: Information applications	√	√		√
Graduation requirement 6: Communication and Expression			√	
Graduation requirement 7: Teamwork			√	
Graduation requirement 8: International perspective	√	√		√
Graduation requirement 9: Learning development	√	√		√

Appendix II: Matrix of Supporting Relationships of Programs to Graduation Requirements (H/M/L)

Serial No.	Course	Graduation Requirements(GR)								
		GR 1	GR 2	GR 3	GR 4	GR 5	GR 6	GR 7	GR 8	GR 9
1	Outline of Modern Chinese History	M								
2	Basic Principles of Marxism	M								
3	Ethics and the Rule of Law	M								
4	Introduction to Mao Zedong Thought and the Theoretical System	M								
5	Introduction to Xi Jinping Thought on Socialism with Chinese	M								
6	Situation and Policy (Modules 1 to 4)	M								
7	Labour Education A	M								
8	Advanced Mathematics B	L	M							
9	Linear Algebra	L	M							
10	Probability Theory and Mathematical Statistics	L	M							
11	Academic Chinese	M					M			L
12	General English (Japanese, German)						M		M	L
13	General Education (Humanistic, Natural Sciences, Aesthetic)	M								L
14	Military skills	L						L		
15	Military theory	L								
16	Basic Engineering Training	L						L		
17	Physical Education I to VI							L		M

Serial No.	Graduation Requirements(GR) Course	GR	GR	GR	GR	GR	GR	GR	GR	GR
		1	2	3	4	5	6	7	8	9
18	Mental Health Education for University Students						L	L		H
19	Extracurricular Class	L					L	L		
20	Applied Statistics	H	H	M	L	M				M
21	Management Studies	L	H					L		
22	Microeconomics	M	H	L	L				L	
23	Macroeconomics	M	H	L	L				L	
24	Principles of Accounting		H		M	H				L
25	*Finance		H		M				H	
26	*Econometrics		H		H	M	M			M
27	Political Economy	H	H	L					M	M
28	Economic Law	H	H							
29	*International Finance	L	H	M	M				H	
30	Finance		M	M	M	L	M			L
31	Introduction to the Program of Investment		H						M	M
32	*Portfolio Management	L	H	M	M					
33	Financial Statement Analysis	M	M		H	M		M		M
34	*Securities Investment		H	H	M					
35	*Corporate Finance		H		H					L
36	*Python Programming Fundamentals and Data Analysis		M		M	H				
37	Project Investment Management	L	H		H				L	
38	*Investment Banking		H	M	H			H		
39	*Financial risk management	M	H		H					
40	Data mining				H	H				
41	Fixed Income Securities	M	H							
42	Financial Database Application Technology				M	M				
43	Financial Big Data Processing		H		H	H				
44	Financial Data Modeling		H		H	H	M			
45	Analysis of Key Indicators in Financial Markets		H		H	H				M
46	Behavioral Finance		M	M	H	M			M	
47	Quantitative Trading Practice		L	L	M	H				
48	Futures and Options		H		M				H	
49	Classic Case Analysis of Financial Markets									
50	Carbon Finance		M		M					
51	Environmental Economics	M	H	L	L				L	
52	Green Finance		H			M			L	
54	ESG and Sustainable Investment		H		H				M	
55	Fundamentals and Frontiers of Economics and Finance		H						L	M
56	Digital Finance		M		L			L		
57	Computational Social Science		M			H		L		
58	AI and Big Data Marketing		M		H	L				
59	Standards and Quality Management	L	H	M						
60	the Program of Investment Innovation and Entrepreneurship		M	H			M	M		H
61	Data analysis and software applications		H		H	H				

Serial No.	Graduation Requirements(GR) Course	GR								
		1	2	3	4	5	6	7	8	9
62	Accounting Practice		M		M	H	M			
63	Literature search and review		M	M					L	L
64	Office Automation		H			H	H			
65	Financial Investment Practice		M		H	M			L	
66	Financial Analysis Simulation	M	L		M	M		H		M
67	Multivariate Data Analysis and Modelling		H		H	M	M			
68	Practice in the Derivatives Market	L	M			H		M	H	
69	Investment graduation internship and graduation design (thesis)			M	H	M	H			M
70	Practice for Financial Information Data Management	M	M		M	H		M		M
71	Practice for Risk Management		L							M
72	Practice for Industry Research Methodology		H		H		M	M		
73	Financial data collection and mining				M	H		L		
74	Practice in Commercial Banking		M	L			H	M		M
75	Report writing on investment value analysis of listed companies	L	M		H		H			

Notes:

The strength of a course's support for graduation requirements is indicated by “H/high, M/medium, L/weak”;

Strength of support is defined as the extent to which the course covers the graduation requirement indicator points, with H covering at least 80%, M at least 50%, and L at least 30%.