

河海大學

非全日制专业学位 硕士研究生培养方案 (2014 版)



河海大學研究生院

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- 13 IET Renewable Power Generation ISSN 1752 – 1416
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Control Engineering

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Computer Technology

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Software Engineering

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Hydraulic Engineering

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	55S9901	Professional English	32	2				2	
	55S9902	Theory of Runoff Generation and Concentration	32	2				4	
	55S9903	System Analysis of Water Resources	32	2					
	55S0023	Fluid Mechanics	32	2					
	55S9905	Elastic and Plastic Mechanics	32	2					
	55S9906	Advanced Hydraulic Structure	32	2					
	66S9907	Design Method of Modern Engineering	32	2					
	55S9908	River and Coastal Hydrodynamics	32	2					
	15S0101	Project Resettlement	32	2					
	15S0102	Resettlement Policy and Practice	32	2					
	55S9909	Lectures in Special Areas	16	1				1	
	55S9910	Modern Hydrological Forecasting	32	2				4	
	55S9911	Mathematic Models for Water Environment	32	2					
	55S9912	Urban Hydrology	32	2					
55S9913	Water Environment Planning	32	2						
55S9914	Numerical Modeling of Groundwater Flow	32	2						
55S9915	Construction and Management of Water Resources and Hydropower Engineering	32	2						
55S9916	Water Resource Planning and Management	32	2						

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	55S9918	Port Engineering	32	2					
	55S9919	Waterway Engineering	32	2					
	55S9920	Hydraulic Project Economics	32	2					
	55S9921	Coastal Hazards and Protection	32	2					
	15S0103	Water Economy and Management	32	2					
	15S0104	Resettlement Plan and Implementation	32	2					
10	55S0707	Information Retrieval	16	1					2
	55S1308	Intellectual Property	16	1					
	55S1309	Project Management	32	2					2
	55S1310	Management	32	2					
	55S0711	Computer Networking Technology	32	2					2
	55S0712	Electronic Commerce Technology	32	2					
	55S0013	Technical Economic	32	2	/				4
	55S0014	Contract Management	32	2	/				
	55S0015	Organizational Behavior	32	2	/				
	55S0020	Engineering Construction Regulation	32	2					
	55S0022	Engineering Stochastic Processes	32	2					
	15S0105	Social Engineering	32	2					
				32	2				
	55S0098	Literature Reading and Thesis Proposal		1					
	55S0099	Interim Progress Inspection Report		1					

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Surveying and Mapping Engineering

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20	66S1701	Introduction to Dialectics of Nature	36	2		/			5
	00S1802	Applied English	48	3		/			
	88S1203	Matrix Theory Basis	32	2				4	
	88S1204	Applied Statistics	32	2					
	88S1205	Practical Numerical Analysis	32	2					
	88S1206	Optimization Method	32	2					
	11S0101	Professional English	32	2				2	
	11S0102	Theory and Method of Surveying Data Processing	32	2		/		4	
	11S0103	Modern Engineering Survey	32	2		/			
	11S0104	Photogrammetry and Remote Sensing Technologies	32	2		/			
	11S0105	Basis of Geographic Information System	32	2		/			
11S0106	Lectures in Special Areas	16	1		/		1		
11S0107	Theory and Application of Monitoring and Controlling	32	2				4		
11S0108	Software Engineering of GIS	32	2						
11S0109	Technique and Applications of Satellite Navigation/Positioning	32	2						
11S0110	RS/GPS/GIS RS/GPS/GIS Integration Technology	32	2						
11S0111	Remote Sensing Geo – Analysis	32	2						
10	55S0707	Information Retrieval	16	1				2	
	55S1308	Intellectual Property	16	1					
	55S1309	Project Management	32	2				2	
	55S1310	Management	32	2					
	55S0711	Computer Networking Technology	32	2				2	
	55S0712	Electronic Commerce Technology	32	2					

10	55S0013	Technical Economic	32	2					4
	55S0014	Contract Management	32	2					
	55S0015	Organizational Behavior	32	2					
	55S0020	Engineering Construction Regulation	32	2	/				
	55S0021	Principles of City and Town Planning	32	2	/				
				32	2				
	55S0098	Literature Reading and Thesis Proposal		1				2	
	55S0099	Interim Progress Inspection Report		1					

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Geology Engineering

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	00S1802	Applied English	48	3		/			
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	88S1204	Applied Statistics	32	2					
	88S1205	Practical Numerical Analysis	32	2					
	88S1206	Optimization Method	32	2					
	11S0201	Professional English	32	2				2	
	11S0202	Applied Geophysics	32	2				4	
	11S0203	Geology Information Technology	32	2					
	11S0204	Drilling Construction Technology	32	2					
	11S0205	Applied Hydrogeology and Engineering Geology	32	2					
	11S0206	Lectures in Special Areas	16	1		/		1	
	11S0207	Geo – environment Monitoring and Assessment	32	2				4	
	11S0208	Reinforcement Methods for Geological Body	32	2					
	11S0209	Numerical method for hydrogeology	32	2					
	11S0210	Testing quality for foundation and basement engineering	32	2					
	11S0211	Exploration and Assessment for Geological Disaster	32	2					
	11S0212	Isotope hydrogeology	32	2					
11S0213	Mines hydrogeology	32	2						
10	55S0707	Information Retrieval	16	1				2	
	55S1308	Intellectual Property	16	1					
	55S1309	Project Management	32	2				2	
	55S1310	Management	32	2					
	55S0711	Computer Networking Technology	32	2				2	
	55S0712	Electronic Commerce Technology	32	2					

10		55S0013	Technical Economic	32	2	/				4
		55S0014	Contract Management	32	2	/				
		55S0015	Organizational Behavior	32	2	/				
				32	2					
		55S0098	Literature Reading and Thesis Proposal	1					2	
		55S0099	Interim Progress Inspection Report	1						

Transportation Engineering

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Journal of Waterway Port Coastal and Ocean Engineering

20	66S1701	Introduction to Dialectics of Nature	36	2		/			5
	00S1802	Applied English	48	3		/			
	88S1203	Matrix Theory Basis	32	2				4	
	88S1204	Applied Statistics	32	2					
	88S1205	Practical Numerical Analysis	32	2					
	88S1206	Optimization Method	32	2					
	04S0001	Professional English	32	2				2	
	55S0022	Engineering Stochastic Processes	32	2				4	
	55S0023	Fluid Mechanics	32	2					
	04S0002	Elastic and Plastic Mechanics	32	2					
	04S0003	Advanced Soil Mechanics	32	2					
	04S0006	Systems Engineering	32	2					
	04S0007	Transportation Engineering	32	2					
	04S0201	Lectures in Special Areas	16	1				1	
	04S0202	Modern Logistics and Internet of Things	32	2				4	
	04S0203	Traffic Planning	32	2					
	04S0204	Traffic Control	32	2					
	04S0205	Principle for Design of Pavement Structures	32	2					
	04S0206	The Principles and Method of Sub-grade Design	32	2					
	04S0207	Field Testing of Embankment and Pavement	32	2					
04S0103	Road and Bridge Engineering	32	2						
03S0208	Port Engineering	32	2						
03S0209	Waterway Engineering	32	2						
03S0210	Water Transportation Engineering Economics	32	2						

10	55S0707	Information Retrieval	16	1					2
	55S1308	Intellectual Property	16	1					
	55S1309	Project Management	32	2					2
	55S1310	Management	32	2					
	55S0711	Computer Networking Technology	32	2					2
	55S0712	Electronic Commerce Technology	32	2					
	04S0102	Earthquake – resistant Design of Structure	32	2	/				4
	04S0105	Engineering Building and Construction	32	2	/				
	04S0107	New Techniques of Ground Improvement	32	2					
	55S0013	Technical Economic	32	2	/				
	55S0014	Contract Management	32	2	/				
	55S0015	Organizational Behavior	32	2	/				
	55S0020	Engineering Construction Regulation	32	2	/				
	55S0021	Principles of City and Town Planning	32	2	/				
		32	2						
	55S0098	Literature Reading and Thesis Proposal	1						
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Agricultural Engineering

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	00S1802	Applied English	48	3		/				
	88S1203	Matrix Theory Basis	32	2					4	
	88S1204	Applied Statistics	32	2						
	88S1205	Practical Numerical Analysis	32	2						
	88S1206	Optimization Method	32	2						
	02S0201	Professional English	32	2					2	
	02S0202	Planning of Soil and Water Resources	32	2			/		4	
	55S0023	Fluid Mechanics	32	2			/			
	02S0204	Agricultural Soil and Water Environment	32	2			/			
	02S0205	Dynamics of Soil Water	32	2			/			
	55S0022	Engineering Stochastic Processes	32	2			/			
	02S0207	Lectures in Special Areas	16	1			/		1	
	02S0208	Theory on Water – Saving Irrigation	32	2			/		4	
	02S0209	Modern Management of Irrigation Districts	32	2			/			
	02S0210	Installation Agriculture – Engineering and Technology	32	2			/			
	02S0211	Agricultural Waste Treatment and Disposal	32	2			/			
	02S0212	Theory and Technique of Constructing Ecological Channel	32	2			/			
	10	55S0707	Information Retrieval	16	1					2
		55S1308	Intellectual Property	16	1					
55S1309		Project Management	32	2					2	
55S1310		Management	32	2					2	
55S0711		Computer Networking Technology	32	2						
55S0712		Electronic Commerce Technology	32	2						

10	55S0013	Technical Economic	32	2	/				4
	55S0014	Contract Management	32	2	/				
	55S0015	Organizational Behavior	32	2	/				
	55S0020	Engineering Construction Regulation	32	2					
			32	2					
	55S0098	Literature Reading and Thesis Proposal	1						
	55S0099	Interim Progress Inspection Report	1						

Environmental Engineering

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48	Environmental Toxicology and Chemistry
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51	Desalination
52	Ecological Engineering

20	66S1701	Introduction to Dialectics of Nature	36	2		/			5
	00S1802	Applied English	48	3		/			
	88S1204	Applied Statistics	32	2				4	
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	88S1206	Optimization Method	32	2					
	05S0103	Environmental Chemistry	32	2					
	05S0102	Professional English	32	2				2	
	05S0104	Environmental Ecological Hydraulics and Application	32	2				4	
	05S0105	Theory and Application of Environmental Biology	32	2					
	05S0106	Theory and Method of Environmental System Planning	32	2					
	05S0107	Principle and Application of Ecology	32	2		/			
	05S0101	Lectures in Special Areas	16	1		/		1	
	05S0108	Theory and Technology of Water Pollution Control	32	2		/		4	
	05S0109	Solid Waste Management and Disposal	32	2		/			
	05S0110	Water Environment Protection and Bioremediation	32	2		/			
	05S0111	Groundwater and Medium Pollution Control	32	2		/			
05S0112	Principle and Technology of Non – source Pollution Control	32	2		/				
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	55S1310	Management	32	2					
	55S0711	Computer Networking Technology	32	2				2	
	55S0712	Electronic Commerce Technology	32	2					

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Industrial Engineering

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20	66S1301	Introduction to Dialectics of Nature	32	2						5
	00S1302	Applied English	48	3						
	88S1303	Applied Statistics	32	2						4
	13S1304	Senior Management	32	2						
	13S1305	Senior Operations Research	32	2						
	13S1306	Engineering Economics	32	2						
	13S1307	Professional English	32	2						6
	13S1308	System Engineering	32	2						
	13S3709	Human Factors Engineering	32	2						
	13S1326	Management Information System	32	2						
	13S3710	Project Management	32	2						
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	13S3711	Human Resources Management	32	2						
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	13S3713	Service Marketing	32	2						
	13S3714	Quality Management	32	2						
13S3715	Operations Management	32	2							
13S3716	Production Planning and Control	32	2							
13S3717	Modern Industrial Engineering	32	2							
10	55S0707	Information Retrieval	16	1						2
	55S1308	Intellectual Property	16	1						
	55S1330	Business Intelligence	32	2	/					6
	55S0712	Electronic Commerce Technology	32	2						

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	13SI1337	Supply Chain Management	32	2	/				
	13SI1336	Financial Management	32	2	/				
	13SI1338	Marketing	32	2	/				
	13SI1339	Business Law	32	2	/				
	13SI1341	Management Communication	32	2	/				
	13SI1321	Business Negotiation	32	2	/				
	13SI1340	Social Responsibility and Business Ethics	32	2	/				
	13SI1342	Management Consulting	32	2	/				
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	55S0098	Literature Reading and Thesis Proposal	1						6
	55S0099	Interim Progress Inspection Report	1						
	13SI1346	Practices	4						

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Project Management

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20		66S1301	Introduction to Dialectics of Nature	32	2		/			5	
		00S1302	Applied English Applied English	48	3						
		88S1303	Applied Statistics	32	2					4	
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		13S1305	Senior Operations Research	32	2						
		13S1306	System Engineering	32	2						
		13S1307	Professional English	32	2					6	
		13S4008	Introduction to Project Management	32	2						
		13S4009	Project Histology	32	2						
		55S0020	Engineering Construction Regulations	32	2						
		13S4011	Engineering Economics	32	2						
		13S1312	Lectures in Special Areas	16	1		/			1	
			13S4013	Project Planning	32	2					4
			13S4014	Project Procurement and Contract Management	32	2					
			13S4015	Project Decision and Evaluation	32	2					
			13S4016	Project Planning and Control	32	2					
			13S4017	Project Investment and Financing	32	2					
			13S4018	Commercial Bank Management	32	2					
			13S4019	Investment Practice	32	2					
			13S4020	Capital Management	32	2					
			13S4021	Risk Management	32	2					
			13S4022	International Business	32	2					
			13S4023	IT IT Project Management	32	2					
			13S4024	Software Engineering	32	2					
			13S4025	Information Resources Management	32	2					
			13S4026	Management Information System	32	2					
			13S4027	Computer Application Technology	32	2					

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	55S1308	Intellectual Property	16	1					
	55S1330	Project Management Informationization	32	2					2
	55S0712	Electronic Commerce Technology	32	2					
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	13S1333	Strategic Management	32	2	/				
	13S4034	Organizational Behavior	32	2	/				
	13S4035	Human Resources Management	32	2	/				
	13S1336	Financial Management	32	2	/				
	13S1337	Supply Chain Management	32	2	/				
	13S1338	Marketing	32	2	/				
	13S1339	Business Law	32	2	/				
	13S1340	Social Responsibility and Business Ethics	32	2	/				
	13S1341	Management Communication	32	2	/				
13S1342	Management Consulting	32	2	/					
			32	2	/				2
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	13S1345	Interim Progress Inspection Report		1					
	13S1346	Practices		4					
	13S4047	International Engineering Contract Management	32	2					4
	13S4048	International Engineering Claims and Dispute Handling	32	2					
	13S4049	International Project Risk Management	32	2					
	13S4050	International Engineering Procurement Practices	32	2					

	13S4051	Business Negotiations and Business Etiquette	32	2					4
	13S4052	Special Lectures on International Project	16	1		/			
	13S4053	Project Management Simulation	32	2					6
	13S4054	Management Lecture	32	2					
	13S4055	Business Case Analysis	32	2					
	13S4056	Management Consulting	32	2					
	13S4057	Training of Innovation and Entrepreneurship	32	2					

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Logistics Engineering

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23 Logistics and transportation review

24 Logistics and Transport

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	66S1301	Introduction to Dialectics of Nature	32	2		/			5
	00S1302	Applied English Applied English	48	3					
	88S1303	Applied Statistics	32	2					4
	13S1304	Senior Management	32	2					
	13S1305	Senior Operations Research	32	2					
	13S1306	Engineering Economics	32	2					
	13S1307	Professional English	32	2					6
	13S1308	System Engineering	32	2					
	13S4101	Introduction to Modern Logistics	32	2					
	13S1337	Supply Chain Management	32	2					
	13S1326	Management Information System	32	2					
	13S1312	Lectures in Special Areas	16	1		/			1
	13S4102	Logistics System Planning and Design	32	2					20
	13S4103	Warehousing and Distribution Management	32	2					
	13S4104	Procurement and Contract Management	32	2					
	13S4105	Production Planning and Control	32	2					
	13S4106	International Logistics	32	2					

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10	55S0707	Information Retrieval	16	1					2
	55S1308	Intellectual Property	16	1					
	55S1330	Business Intelligence	32	2					6
	55S0712	Electronic Commerce Technology	32	2					
	13S1333	Strategic Management	32	2	/				
	13S1313	Organizational Behavior	32	2	/				
	13S4117	Human Resources Management	32	2	/				
	13S1336	Financial Management	32	2	/				
	13S1338	Marketing	32	2	/				
	13S1339	Business Law	32	2	/				
	13S1340	Social Responsibility and Business Ethics	32	2	/				
	13S1341	Management Communication	32	2	/				
	13S1321	Business Negotiation	32	2	/				
	13S1342	Management Consulting	32	2	/				
				32	2	/			
	13S1344	Literature Reading and Thesis Proposal		1					6
	13S1345	Interim Progress Inspection Report		1					
	13S1346	Practices		4					

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43 Journal of Financial Economics ELSEVIER SCIENCE SA

44 Strategic management journal John Wiley & Sons Ltd

44 American Economic Review American Economic Association

44 Journal of Business University of Chicago Press

45 Journal of Marketing Research American Marketing Association

46 Academy of Management Journal Pace University

47 Journal of Operations Management Elsevier

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Master of Business Administration

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Category	Code	Course Name	Credits	Hours					
6 Foundation Courses	66E4001	Theory & Practice of Chinese Socialism	2	36	1-2			6	
	13E12510002	Business English	2	36	1-2				
	13E12510003	Corporation Social Responsibility and Business Ethics	2	36	1-2				
22 Core Courses	13E12510004	Management	3	54	1-3			22	
	13E12510005	Economics	3	54	1-3				
	13E12510006	Accounting	2	36	1-3				
	13E12510007	Operation Management	2	36	1-3				
	13E12510008	Marketing	2	36	1-3				
	13E12510009	Human Resources Management	2	36	1-3				
	13E12510010	Corporate Finance	2	36	1-3				
	13E12510011	Organizational Behavior	2	36	1-3				
	13E12510012	Management Communication	2	36	1-3				
	13E12510013	Strategic Management	2	36	1-3				
Specialities 12	Strategy and decision making	13E12510014	Data Modeling & Decision Making	2	36	3-4		12	
		13E12510015	Business Law	2	36	3-4			
		13E12510016	Competitive strategy & competitive Intelligence	2	36	3-4			
	Innovation and Entrepreneurship	13E12510017	Venture Management	2	36	3-4			
		13E12510018	Technological Innovation & Knowledge Properties	2	36	3-4			
		13E12510019	Venture Capital investment	2	36	3-4			
	Operation and information system	13E12510020	Management of Information System	2	36	3-4			
		13E12510021	Electronic Commerce	2	36	3-4			
		13E12510022	Service Management	2	36	3-4			
	Organization and human resource	13E12510023	Performance and Salary Management	2	36	3-4			
		13E12510024	Organization Development and Innovation	2	36	3-4			
		13E12510025	Training and Exploiting on Human Resource	2	36	3-4			

Category	Code		Course Name	Credits	Hours				
Specialities 12	Marketing	13E12510026	Marketing Behavior	2	36	3 – 4			12
		13E12510027	International Business	2	36	3 – 4			
		13E12510028	Brand Management	2	36	3 – 4			
	Financial Analysis and Management	13E12510029	Internal Control and Risk Management in Corporation	2	36	3 – 4			
		13E12510030	Corporation Tax Revenue Management	2	36	3 – 4			
		13E12510031	Corporate Finance Analysis	2	36	3 – 4			
	Financial optional courses	13E12510032	Commercial Bank Management	2	36	3 – 4			
		13E12510033	Investment Practice	2	36	3 – 4			
		13E12510034	Topics on Finance	2	36	3 – 4			
	Engineering field optional courses	13E12510035	project Procurement and Contract Management	2	36	3 – 4			
		13E12510036	Project Management Generality	2	36	3 – 4			
		13E12510037	Topic on Water Industry	2	36	3 – 4			
	Yacht Field Optional Courses	13E12510038	The Yacht Club Management	2	36	3 – 4			
		13E12510039	The Yacht Commercial Event Planning and Management	2	36	3 – 4			
		13E12510040	Topics on Yacht Industry	2	36	3 – 4			
Interdisciplinary optional courses		Other Optional Postgraduate Courses in Business School	2	36	3 – 4				
Business Administration Practice 15	Practice of Core Courses	13E12510041	Practice of Operation Management	1	18	1 – 3			8
		13E12510042	Practice of Marketing Management	1	18	1 – 3			
		13E12510043	Practice of Human Resource Management	1	18	1 – 3			
		13E12510044	Practice of Corporation Finance	1	18	1 – 3			
		13E12510045	Practical accounting	1	18	1 – 3			
		13E12510046	Practice of Organization and Communication	1	18	1 – 3			
		13E12510047	Practice of Strategy Management	1	18	1 – 3			
		13E12510048	Practice of Leadership Development	1	18	1 – 3			

Category	Code		Course Name	Credits	Hours				
	Compre – hensive practice	13E12510049	Business Simulation	2	36	1 – 4			10
		13E12510050	Management Lecture	2	36	1 – 4			
		13E12510051	Business Case Analysis	2	36	1 – 4			
		13E12510052	Management Consulting	2	36	1 – 4			
		13E12510053	Training of Innovation and Entrepreneurship	2	36	1 – 4			
Degree Thesis 12				12	216	3 – 5			12
Total 70				70	1260				
Specialities	13E12510054	Leadership		2	36	1 – 3			
	13E12510055	Innovation and Entrepreneurship		2	36	1 – 3			
	13E12510056	Corporation Management		2	36	1 – 3			
	13E12510057	Capital Management		2	36	1 – 3			
	13E12510058	Enterprises' Multinational Operation		2	36	1 – 3			
	13E12510059	Risk Management		2	36	1 – 3			
	13E12510060	Special Topic on The Eastern and Western Management Thought		2	36	1 – 3			
Business Administration Practice	13E12510061	Investigation and Research of Enterprises		2	36	1 – 4			
	13E12510062	Research on The Development of Industry Market		2	36	1 – 4			
	13E12510063	Research on The Innovation of Business Model		2	36	1 – 4			

