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Materials Engineering

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Electrical Engineering

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Electronic and Communication Engineering

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Control Engineering

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Computer Technology

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Software Engineering

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	55S0013	Technical Economic	32	2	/				
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	55S0015	Organizational Behavior	32	2	/				
	55S0020	Engineering Construction Regulation	32	2	/				
	55S0021	Principles of City and Town Planning	32	2	/				
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Hydraulic Engineering

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	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	/				
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	55S0098	Literature Reading and Thesis Proposal		1				2	
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Geology Engineering

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20	66S1701	Introduction to Dialectics of Nature	36	2		/			5
	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				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	/				
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		55S0098	Literature Reading and Thesis Proposal	1					2	
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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		/			
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	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						

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	55S1308	Intellectual Property	16	1					
	55S1309	Project Management	32	2					2
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	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	/				
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	55S0098	Literature Reading and Thesis Proposal	1						
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Agricultural 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					
	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					

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	55S0014	Contract Management	32	2	/				
	55S0015	Organizational Behavior	32	2	/				
	55S0020	Engineering Construction Regulation	32	2					
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	55S0098	Literature Reading and Thesis Proposal	1						
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Environmental Engineering

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47	Journal of membrane science
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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	55S0711	Computer Networking Technology	32	2				2	
	55S0712	Electronic Commerce Technology	32	2					

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Industrial Engineering

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	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						
	13S1312	Lectures in Special Areas	16	1						
	13S1313	Organizational Behavior	32	2						4
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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							
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	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	
		13S1304	Senior Management	32	2						
		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					
	13S4032	Engineering Philosophy	32	2	/			4	
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	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	/				
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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

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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					
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	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					
	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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	55S0712	Electronic Commerce Technology	32	2					
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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				

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