

Management Science and Engineering

Program Code: 1201

1. Program Duration: 4-8 years

2. Required Credits: No less than 14 credits.

3. Curriculum

Course Type	Course Code	Course Name	Credit Hours	Credits	Semesters	Notes
Required course	7000001	Survey of China	36	2	1	
	7000011	Primary Chinese Language	32	2	1	
	6000027	Applied Statistical Methods627	48	3	1	
	7084051	Advanced Management	32	2	1	
	6081001	Advanced Operations Research	48	3	1	
	7081111	Frontiers of Management Science	32	2	3	
	7081103	Prediction and Decision of System Evaluation	32	2	1	
	7085001	Advanced Econometrics	32	2	2	
	7081108	Logistics and Supply Chain Management	32	2	3	
Optional course	7081102	Advanced Energy Economics	32	2	4	
	6081103	Models and Methods of Management Science	48	3	4	
	7081104	Data Mining and Machine Learning	32	2	4	
	7081112	Production and Operation Management	32	2	4	

	7081109	Business Research Methods	32	2	2	
	7081110	Decision Support System	32	2	4	
	6000013	Visual-Audio-Oral Practice of English For Postgraduates	16	1	2	select 3 courses
	6000014	Academic English: Reading & Writing	16	1	2	
	6000015	Contrastive Study of English And Chinese & Translation	16	1	2	
	6000016	Cross-Cultural Communication	16	1	2	
	6000017	Appreciation of The Classic Literary Works in English-Speaking Countries	16	1	2	
	6000018	English For Energy	16	1	2	
	6000019	English For Studying Abroad	16	1	2	
	6000069	UPC Intensive Curricula	-	≤3	1-6	
	5000051	Management	32	2	1	select 2 courses
	6085106	Intermediate Economics	32	2	1	
	5081102	Operations Research	32	2	1	
Compulsory part	8080101	Literature Reading and Thesis Proposal	-	1	4	
	8080102	Overseas Academic Exchange and Study & Training	-	1	1-12	