

Management Science and Engineering

Curriculum

Course Type	Course Code	Course Name	Credit	Credit Hour
Public Compulsory Course	S0002046	English	3	48
	S1202181	Thesis writing and academic standard	2	32
Major Compulsory Courses	S1201006	Principle of Management(II)	2	32
	S1201059	Applied Statistical Analysis	2	32
	S1201147	Introduction to Systems Simulation	1	16
	S1201148	Empirical Research Methodology	1	16
	S1201164	Advanced Operations Research	2	32
	S1202121	Intermediate Microeconomics	3	48
Major Elective Course	GS64001N	Supply Chain Inventory Management Method	2	32
	GS64003N	Circular Economy and Sustainable Development Practice	3	48
	GS64006N	Emerging Technologies and Operations: Cases and Frontier Research	2	32
	GS64007N	ArtificialIntelligenceandManagement:TechnologicalTransformationandOrganizationalInnovation	3	32
	GS64008N	Advanced Topics in Digital and Intelligent Service Operation Management	2	32
	GS64009N	Digital-intelligent supply chain transformation: theories and case analysis	2	32
	GS64016N	Big Data and Causal Inference	3	48
	S0871014	Computational Management Behavior Analysis	2	32
	S1201066	Knowledge System Engineering	2	32
	S1201068	Portfolio and Risk Management	2	32
	S1201087	Analysis of Financial Time Series	3	48
	S1201089	Analysis and Design for Electronic Commerce System	2	32
	S1201090	Principles of Risk Measurement and Methods of Risk Management	2	32
	S1201116	Design of Logistics System	2	32
	S1201119	Service Operations Management	2	32
	S1201153	Research on Innovation Method	2	32
	S1201156	Financial Derivatives and Risk Management	2	32

Course Type	Course Code	Course Name	Credit	Credit Hour
	S1201158	Diagnosis and Analysis of Operations Management	2	32
	S1201159	Corporate Valuation	2	32
	S1201163	Intelligent manufacturing	2	32
	S1201168	Logistics & Supply Chain Management	2	32
	S1201169	Decision Making Method and Decision Support	2	32
	S1201170	Game theory of management	2	32
	S1201173	Digital Economics	2	32
	S1201174	Decision theory and analysis	2	32
	S1201175	Equilibrium Analysis and Computation in Complex Games (Based on MATLAB)	2	32
	S1201177	Advanced Data Intelligence Analytics Methods	2	32
	S1202168	Big Data Analysis and Data Mining	2	32
Public Elective Course	S0002029	Practical English Writing	1	36
	S0002034	Academic Communication in English	1	36
	S0002037	British and American Culture	1	36
	S0002038	English Film Appreciation	1	36
	S0002040	IELTS Study	1	36
	S0003001	Theory and Methods of Mathematical Statistics	2	54
	S0003004	Numerical Analysis (Fundamentals of Scientific and Engineering Computing)	2	54
	S0003006	Fuzzy Mathematics	3	54
	S0003007	Matrix Analysis	2	54
	S0003010	Optimization Computing	2	54
	S0003012	Stochastic Processes	2	56
	S0004099	Psychology and Life	2	32
	S0004103	History and Culture in Works of Art	2	32
	WJ65002N	Introduction to Artificial Intelligence	2	32

**Subject to the official curriculum confirmed after enrollment.*