

## PhD-17-Curriculum of Ph.D's Program in Management Science and Engineering

Course Type	课程名称	Course Name	Credit	Credit Hour	Term	Notes
<b>Compulsory Courses</b>	中国马克思主义与当代	Contemporary Chinese Marxism	2	36	1	University-level
	博士第一外语	First Foreign Language for Doctoral Students	2	36	1	University-level
	管理科学与工程前沿研究	Frontier Field Study on Management Science and Engineering	2	36	1	Concentration-level
	经济学与管理学中的数学方法	Mathematical Methods in Economics and Management	2	36	1	
<b>Elective Courses</b>	博弈论与机制设计	Game theory and mechanism design	2	36	2	At least 2 elective courses.  The Course of "Operations and Supply Chain Management" is compulsory for overseas doctoral students
	决对策理论	Decision Making and Game Theory	2	36	2	
	运筹与物流管理	Operations Research and Logistics Management	2	36	2	
	风险投资管理	Venture Capital Management	2	36	2	
	项目管理	Project Management	2	36	2	
	复杂科学管理	Complicity Science Management	2	36	2	
	运营与供应链管理	Operations and Supply Chain Management	2	36	2	
	马克思主义经典著作选读	Anthology of Marxist Classics	1	18	1	University-level
<b>Optional Courses</b>	运筹学	Operations Research				
	管理学原理	Theory of Management				
	管理经济学	Managerial Economics				

**Curriculum of Master-Ph.D's Program in Management Science and Engineering  
(1+4)**

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<b>Compulsory Courses</b>	中国马克思主义与当代		2	36	3	University-level
	硕博连读外语		2	36	3	University-level
	管理科学与工程前沿研究	Frontier Field Study on Management Science and Engineering	2	36	3	Discipline-level
	经济学与管理学中的数学方法	Mathematical Methods in Economics and Management	2	36	3	Concentration-level
	高等运筹学	Advanced Operations Research	2	54	1	
	决策理论与方法	Decision Theory and Method	2	54	1	
	管理学研究方法论	Research Methodology for Management	2	54	1	
	数据组织与数据挖掘	Data Organization and Data Mining	2	54	2	
	信息系统模型与方法	Information System Model and Method	2	54	2	
	现代管理学	Modern Management	2	36	2	
	高等工程经济学	Advanced Engineering Economics	2	36	2	
决对策理论	Decision Making and Game Theory	2	36	4		
运筹与物流管理	Operations Research and Logistics Management	2	36	4		
风险投资管理	Venture Capital Management	2	36	4		
项目管理	Project Management	2	36	2		

Course Type	课程名称	Course Name	Credit	Credit Hour	Term	Notes
	复杂科学管理	Complicity Science Management	2	36	4	
	运营与供应链管理	Operations and Supply Chain Management	2	36	4	
	系统工程与系统仿真	Systems Engineering and System Simulation	2	36	3	
	投融资管理	Investment and Financing Management	2	36	2	
	管理统计	Statistics for Management	2	36	2	
	多目标决策与评价	Multi-Objective Decision Making and Evaluation	2	36	3	
	工业工程专题	Topics in Industrial Engineering	2	36	3	
	马克思主义经典著作选读		1	18		University-level
Optional Courses	管理学原理	Theory of Management				
	管理经济学	Managerial Economics				