物流管理专业 2018-2020版本科培养方案
Undergraduate Education Plan for Specialty in Logistics Management (2018-2020)

专业名称 Major	**物流管理** Logistics Management	主干学科 Major Disciplines	**管理学** Management
计划学制 Duration	**四年** 4 Years	授予学位 Degree Granted	**管理学学士** Bachelor of Management
所属大类 Disciplinary	**物流管理与工程类** Logistics Management and Engineering	大类培养年限 Duration	**1 年** 1year

最低毕业学分规定

Graduation Credit Criteria

课程分类 Course Classification / 课程性质 Course Nature	通识教育课程 Public Basic Courses	专业教育课程 Specialized Courses	个性课程 Personalized Course	集中性实践教学环节 Practice Courses	课外学分 Study Credit after Class	总学分 Total Credits
必修课 Required Courses	29	64	\	23.5	\	170
选修课 Elective Courses	9	28.5	6	\	10	

一、培养目标与毕业要求

Ⅰ Educational Objectives &Requirement

（一）培养目标

本专业旨在培养了解管理与经济领域的基础理论和基本方法，掌握物流与供应链管理领域的专业理论与技术方法，具备较强的物流系统管理与运营管理能力、物流系统工程技术和方法的综合应用能力，以及供应链系统分析、设计、决策等能力和一定创新能力，能在企业、科研院所及政府部门从事物流系统优化及运营管理、供应链设计等方面工作的复合型专业人才。

本专业的毕业生在毕业后五年内达到以下目标：

（1）身心健康，具有良好的道德素养、强烈的社会责任感和敬业精神，关注国内外社会问题，具有较强的服务意识、洞察意识和创新意识。

（2）能够综合运用科学理论、方法、工具分析和解决物流与供应链系统实际问题的能力。

（3）具备较强的物流与供应链系统的分析、设计、管理和决策等能力。

（4）能够在企事业单位中作为骨干或者领导有效地发挥作用；

（5）具有一定的国际视野、良好的交流沟通能力、良好的团队意识和合作精神，具有终身学习的能力。

This specialty aims to train inter-disciplinary professional talents , who have the basic theory and basic methods in the field of management and economy, master the professional theory and technology in the field of logistics and supply chain management, have the strong ability of logistics management and logistics operation management, comprehensive application ability of logistics system engineering and method, as

well as the supply chain system analysis, design, decision-making ability and certain innovation ability, can engage in logistics system optimization and operations management, supply chain design work in enterprises, research institutes and government departments.

The graduates after 5 years should achieve the following objectives：

（1）With physical and mental health, have good moral character, strong sense of social responsibility and dedication, be attentive to social problems from domestics and overseas, and have a strong sense of service, insight and innovative consciousness.

（2）Have the ability of analyzing and solving practical problems in logistics and supply chain system by applying scientific theories, methods, tools.

（3）To develop the students' strong competence in analysis, design and operations management of logistics and supply chain system.

（4）Be able to work effectively as a backbone or leader in Enterprises and institutions;

（5）Have a certain international view, good communication ability, strong sense of team spirit and cooperation, and be good at lifelong study.

（二）毕业要求

本专业学生通过学习管理学、运筹学，物流运营管理、物流信息化技术和系统工程以及供应链管理等基础理论和方法，接受现代物流管理技能的基本训练，具有第三方物流、生产物流和物流信息化方向的理论知识和应用能力。

毕业生能获得以下几方面的知识和能力：

（1）**基本知识：**具有较宽的学科背景和综合素养，掌握本专业所需的人文社会科学、自然科学、计算机科学、外语和物流专业知识等，并能将其用于解决物流问题。

（2）问题分析：具有逻辑思维能力、系统思维能力及创新能力，具有发现问题的能力，能够运用管理科学、数学和社会科学的基本原理，识别、表达、并通过文献研究分析物流管理问题，以获得有效结论。

（3）设计/开发解决方案：能够针对复杂物流问题设计解决方案，创造性地设计满足物流特定需求的系统、及流程设计，并能够在设计环节中体现创新意识，考虑社会健康、安全、法律、文化以及环境等因素。

（4）**研究：**能够基于物流科学原理并采用物流方法对本专业复杂管理问题进行研究，包括设计实验、分析和解释数据，并通过信息综合得到合理有效的结论。

（5）**使用现代工具：**能够针对复杂物流问题，开发、选择与使用恰当的技术、资源、仿真软件和信息技术工具，包括对复杂问题的预测与模拟，并能够理解其局限性。

（6）**管理与社会：**能够基于管理科学相关背景知识进行合理分析，评价本专业管理实践和复杂管理问题解决方案对社会、健康、安全、法律以及文化的影响，并理解应承担的责任。

（7）**环境和可持续发展：**能够理解和评价针对复杂物流问题的管理实践对环境及社会可持续发展的影响。

（8）**职业规范：**具有人文社会科学素养、社会责任感，能够在物流管理实践中理解并遵守管理职业道德和规范，履行责任。

（9）**个人和团队**：能够在多学科背景下的团队中承担个体、团队成员以及负责人的角色。

（10）**沟通**：能够就复杂管理问题与业界同行及社会公众进行有效沟通和交流，包括撰写报告和设计文稿、陈述发言、清晰表达或回应指令。并具备一定的国际视野，能够在跨文化背景下进行沟通和交流。

（11）**项目管理：**理解并掌握工程管理原理与经济决策的方法，并能在多学科领域中应用，具备一定的项目管理能力。

（12）**终身学习：**具有自主学习和终身学习的意识，能够适应不断变化的人际环境和工作环境。

Through the study of the basic theory and methods of Management, Operation Research, Logistics Operation Management, Logistics Information Technology and System Engineering, Supply Chain Management etc., and the basic training of modern logistics operation management skills, the undergraduates should have the theoretical knowledge and application ability in professional directions of Third party logistics, Production logistics and logistics informationization .

The graduates will achieve the following knowledge and abilities:

（1）**Comprehensive Knowledge**: Have wide academic background and comprehensive accomplishment, master humanities and social science, natural science, computer science, foreign language and logistics professional knowledge, and can use them to solve logistics problems.

（2）**Problem analysis:** Have the capability of logical thinking, systematic thinking and innovation, have the capability to discover problem, and can use the basic principles of management science , mathematics and social science to identify, express and analyze logistics management problems by literature research, in order to obtain an effective conclusion.

（3）**Design / develop solution:** Be able to design the solution for complex logistics problem, Creatively design the system and process that can meet the specific needs of logistics, and the design can reflect the innovation consciousness in the design process, which considered with other factors, such as social health, safety, law, culture ,environment and so on.

（4）**Research:** Be able to research the complex management problems of this major based on the logistics scientific principle and by using logistics methods, including to design of experiments, analyze and explain the data, in addition to get the reasonable conclusion by synthesizing the information.

（5）**Using modern tools:** Be able to develop, select and use appropriate technology, resources, simulation software and information technology tools for complex logistics problem, include predicting and simulating the complex problems, and understand their limitations.

（6）**Management and Social:** Be able to analyze properly and evaluate the influence of the management practice and complex management problem solution on social, health, safety, law and culture on the basis of management science related background knowledge ,and understand the responsibilities should be taken.

（7）Environment and sustainable development: Be able to understand and evaluate the impact of the management practice of the complex logistics problems on environmental and social sustainable development.

（8）Professional standards: Have the humanities and social sciences accomplishment, social responsibility, be able to understand and observe the professional ethics and norms in logistics management practice, and to fulfill the responsibility.

（9）Individual and team: be able to play a role as individual, team members or director in the multi discipline background team.

（10）Communication: Be able to communicate effectively with the industry peers and the public in the complex management problems, including writing reports and design documents, presentations, clear expression, and have a certain international perspective, can communicate under the background of cross-culture.

（11）Project management: Understand and master the principles of engineering management principle and the methods of economic decision-making, and apply them in multi-disciplines, and be equipped with a certain project management capabilities.

（12）Lifelong learning: Have the consciousness of self-learning and lifelong learning, and adapt to the changing environment and working environment.

附：培养目标实现矩阵

	培养目标 1	培养目标 2	培养目标 3	培养目标 4	培养目标 5
毕业要求 1	√	√			
毕业要求 2	√	√			
毕业要求 3		√	√		
毕业要求 4		√	√		
毕业要求 5		√	√		
毕业要求 6	√		√		
毕业要求 7	√				
毕业要求 8	√				
毕业要求 9	√			√	√
毕业要求 10				√	√
毕业要求 11		√	√	√	
毕业要求 12					√

二、专业核心课程与专业特色课程

II Core Courses and Characteristic Courses

（一）专业核心课程：

现代物流学、运筹学、运作管理、仓储管理、供应链管理、物流系统建模与仿真、物流系统工程、物流信息系统、国际物流、采购管理、物流项目管理、ERP 原理与应用、企业经营沙盘模拟综合实验。

Modern Logistics, Operation Research, Operations Management, Warehousing Management, Supply Chain Management, Logistics System Modeling&Simulation, Logistics System Engineering, Logistics Information System, International Logistics, Purchasing Management, Logistics Project Management, ERP Principles and Applications, Sand Table Simulation of Business Operations.

（二）专业特色课程：

物流经济地理、工业工程基础、物流决策基础、物流设施与设备、物流运输组织与管理、系统科学概论、质量管理、电子商务、物流中心规划与管理、物流成本管理、智慧物流与数据挖掘、港口生产管理。

Logistics Economic Geography, Fundamentals of Industrial Engineering, Fundamentals of Logistics Decision Making, Logistics Facilities and Equipment , Logistics Transportation Organization & Management, Logistics Center Planning and Management, Introduction to System Sciences, Quality Management, Electronic Commerce, Logistics Center Planning and Management , Logistics Cost Management, Intelligent Logistics and Data, Mining Port Production Management.

附：毕业要求实现矩阵：

专业核心课程	专业特色课程	课程名称	物流管理专业毕业要求											
				(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		思想道德修养与法律基础	√		√			√		√				
		中国近现代史纲要	√							√				
		毛泽东思想和中国特色社会主义理论体系概论	√					√		√				
		马克思主义基本原理	√	√				√	√	√				
		军事理论	√							√	√			

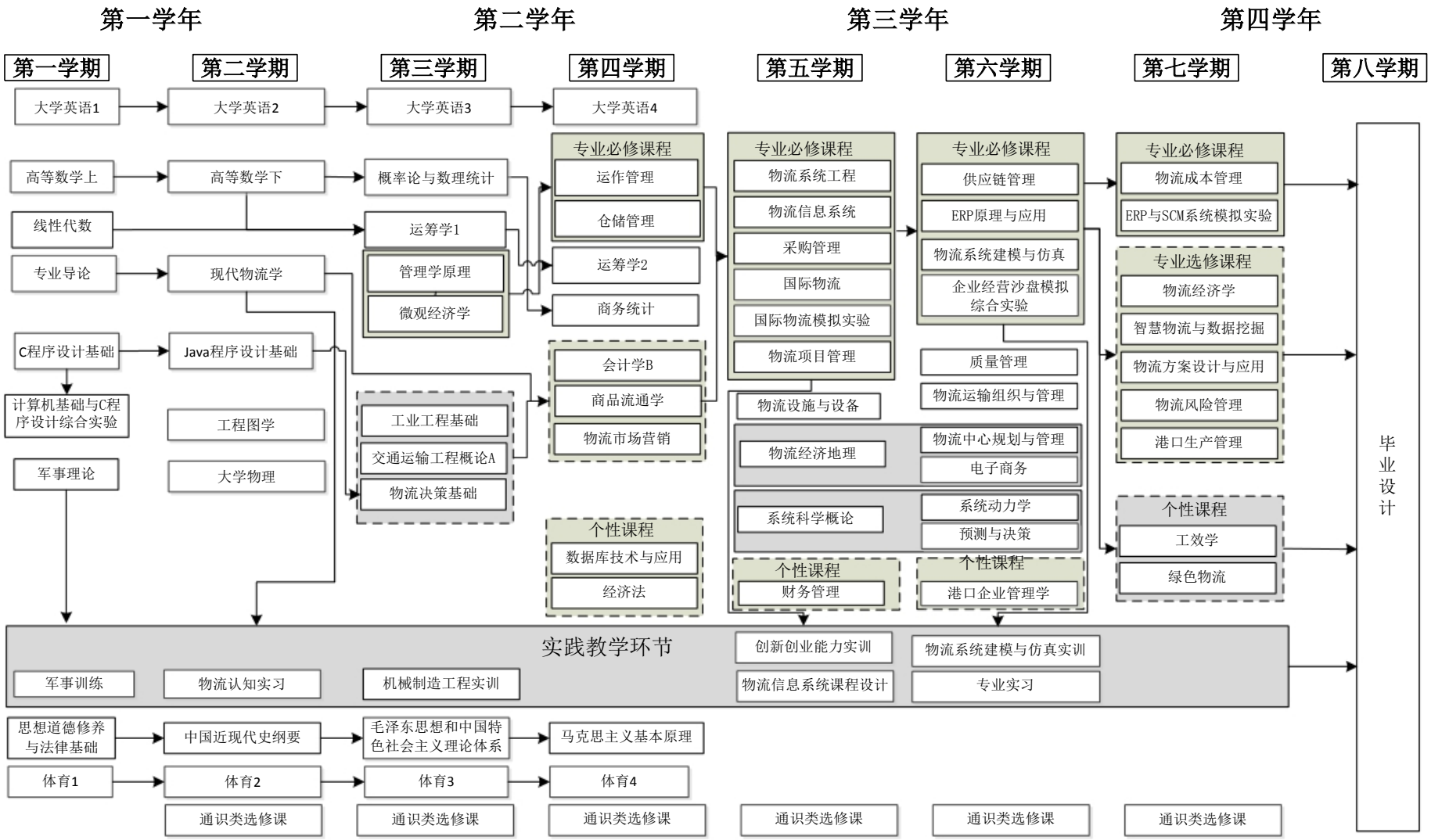
专业核心课程	专业特色课程	课程名称	物流管理专业毕业要求											
				(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		体育								√	√			
		大学英语	√						√			√		
		C 程序设计基础	√			√	√							
		计算机基础与 C 程序设计综合实验	√		√		√				√			
		创新创业类	√	√				√	√					
		人文社科类	√					√						
		经济管理类	√	√				√						
		科学技术类	√	√										
		艺术体育类	√					√		√				
		专业导论	√					√	√	√				
		高等数学	√	√										√
		线性代数	√	√										
		工程图学	√	√										
		大学物理	√	√										
√		现代物流学	√	√	√			√	√	√				√
		概率论与数理统计	√	√										√
√		运筹学 1		√	√	√	√			√				√
		管理学原理	√	√				√		√			√	√
		微观经济学	√	√				√		√				√
√		运作管理	√	√	√	√	√						√	√
√		仓储管理	√	√	√	√	√				√		√	√
√		物流信息系统	√	√	√	√	√			√	√		√	√
√		采购管理	√	√	√			√					√	√
√		国际物流		√	√	√		√		√	√			
	√	物流项目管理		√	√	√				√	√	√	√	√
√		物流系统工程	√	√	√	√		√	√			√		√
√		供应链管理	√	√	√	√		√	√		√	√	√	√
√		ERP 原理与应用		√	√	√				√	√		√	
√		物流系统建模与仿真		√	√	√	√			√	√	√	√	

专业核心课程	专业特色课程	课程名称	物流管理专业毕业要求											
				(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
√		企业经营沙盘模拟综合实验		√	√		√	√		√	√	√	√	
		国际物流模拟实验		√	√		√	√		√	√	√	√	
	√	物流成本管理		√	√	√		√	√					√
		ERP 与 SCM 系统模拟实验		√	√	√	√	√		√	√	√	√	
		Java 程序设计基础	√	√	√		√			√			√	√
	√	工业工程基础		√	√			√		√				√
		交通运输工程概论	√	√				√	√					√
	√	物流决策基础		√	√	√	√			√			√	
		商务统计			√	√	√			√				
		运筹学 2		√	√	√	√			√			√	
		会计学	√	√						√			√	√
		商品流通学	√	√				√						
		物流市场营销		√	√			√			√	√		√
	√	物流设施与设备		√	√	√				√			√	
	√	物流经济地理	√	√	√			√	√					
	√	系统科学概论	√	√	√	√					√	√	√	√
		系统动力学		√	√	√	√		√					
		预测与决策	√	√	√	√	√							
	√	质量管理		√	√				√	√				√
	√	物流中心规划与管理		√	√			√	√				√	
	√	电子商务		√	√	√	√				√	√		√
	√	物流运输组织与管理		√	√	√		√	√				√	
		物流经济学	√	√	√			√					√	√
	√	智慧物流与数据挖掘		√	√	√	√			√				√
		物流方案设计与应用		√	√	√	√				√		√	
		物流风险管理		√		√		√	√					√
	√	港口生产管理		√	√			√	√					
		数据库技术与应用	√	√			√						√	
		经济法	√	√				√	√				√	√

专业核心课程	专业特色课程	课程名称	物流管理专业毕业要求											
				(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		财务管理	√	√			√			√			√	√
	√	港口企业管理学		√	√			√	√					
		工效学		√	√	√		√	√	√				
		绿色物流		√		√		√	√					√
		军事训练	√							√	√	√		
		物流认知实习	√	√				√	√		√	√		
		机械制造工程实训		√	√					√	√			
		物流管理专业创新创业能力实训		√	√	√	√	√	√	√	√	√	√	
		物流信息系统课程设计		√	√	√	√			√	√	√	√	
		物流系统建模与仿真实训		√	√	√	√			√	√	√	√	
		专业实习		√				√		√	√	√		
		毕业设计（论文）		√	√	√	√	√	√	√	√	√	√	

三、课程教学进程图

Ⅲ　Teaching Process Map



四、 理论教学建议进程表
Ⅳ Theory Course Schedule

（一）通识教育必修课程
General Education Required Courses

课程编号 Course Number	课 程 名 称 Course Title	学分 Crs	学时分配 Including					建议修读学期 Suggested Term	先修课程 Prerequisite Course
			总学时 Tot hrs.	实验 Exp.	上机 Ope-ratio	实践 Prac-tice	课外 Extra-cur		
4220001111	思想道德修养与法律基础 Morals, Ethics and Fundamentals of Law	3	48			8		1	
4220002111	中国近现代史纲要 Outline of Contemporary and Modern Chinese History	2	32					2	
4220003111	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thought and Socialism with Chinese Characteristics	4	96			32		3	
4220005111	马克思主义基本原理 Marxism Philosophy	3	48			8		4	
1060003131	军事理论 Military Theory	1	32				16	1	
4210001171	体育1 Physical Education Ⅰ	1	26					1	
4210002171	体育2 Physical Education Ⅱ	1	34					2	
4210003171	体育3 Physical Education Ⅲ	1	34					3	
4210004171	体育4 Physical Education Ⅳ	1	34					4	
4030002181	大学英语1 College English 1	3	60				12	1	
4030003181	大学英语2 College English Ⅱ	2	44				12	2	大学英语1
4030004181	大学英语3 College English Ⅲ	2	44				12	3	大学英语2
4030004181	大学英语4 College English Ⅳ	2	44				12	4	大学英语3
4120335171	C程序设计基础 Foundation of C Language Design	2	32					1	
4120336171	计算机基础与C程序设计综合实验 Comprehensive Experiments of Foundation of Computer and C Language	1	32	32				1	
小 计 Subtotal		29	640	32	0	48	64		

（二）通识教育选修课程
General Education Elective Courses

创新创业类 Innovation and Entrepreneurship Courses	要求至少取得9个学分，且必须选修艺术体育类课程中的艺术类相关课程并取得至少2个学分，在创新创业类课程中至少选修一门课程，在人文社科类或经济管理类课程中至少选修一门。
人文社科类 Arts and Social Science Courses	
经济管理类 Economy and Management Courses	

课程编号 Course Number	课 程 名 称 Course Title	学分 Crs	学时分配 Including					建议修读学期 Suggested Term	先修课程 Prerequisite Course
			总学时 Tot hrs.	实验 Exp.	上机 Ope-ratio	实践 Prac-tice	课外 Extra-cur		
科学技术类 Science and Technology Courses									
艺术体育类 Art and Physical Education Courses									
（三）专业教育必修课程 Basic Disciplinary RequiredCourses									
4180142131	专业导论 Introduction to Materials Physics	1	16					1	
4050063111	高等数学A上 Advanced Mathematics Ⅰ	5	80					1	
4050064111	高等数学A下 Advanced Mathematics Ⅱ	5	80					2	高等数学上
4050229111	线性代数 Linear Algebra	2.5	40					1	
4180269171	工程图学B Engineering Graphics	3.5	72				16	2	
4050463131	大学物理B Physics B	5	80					2	
4180316111	现代物流学C Modern Logistics	2	32					2	
4050058111	概率论与数理统计B Probability and Mathematical Statistics	3	48					3	高等数学下
4180289171	运筹学C1 Operational Research 1	2	32					3	线性代数 概率论与数理统计
4170059111	管理学原理C Principles of Management	2	32					3	
4010288171	微观经济学E Micro-economics	2	32					3	
4180226131	运作管理A Operations Management	3.5	56	16				4	
4180291171	仓储管理 Warehousing Management	2.5	40	8				4	
4180068111	物流系统工程B Logistic System Engineering	2	32					5	运筹学
4180292171	物流信息系统A Logistics Information System	3	48		16			5	计算机程序设计基
4180159121	采购管理A Purchasing Management	2.5	40					5	
4180021111	国际物流B International Logistics	2	32					5	
4180293171	国际物流模拟实验 International Logistics Simualtion	1	32	32				5	
4180228131	物流项目管理A Logistics Project Management	2.5	40		8			5	
4180020111	供应链管理A Supply Chain Management	2.5	40					6	现代物流学 运作管理
4180301171	ERP原理与应用 ERP Principles and Applications	2	32					6	运作管理
4180070111	物流系统建模与仿真B Logistics System Modeling and	2	32					6	物流系统工程

课程编号 Course Number	课 程 名 称 Course Title	学分 Crs	学时分配 Including					建议修读学期 Suggested Term	先修课程 Prerequisite Course
			总学时 Tot hrs.	实验 Exp.	上机 Ope-ratio	实践 Prac-tice	课外 Extra-cur		
4180153121	企业经营沙盘模拟综合实验 Sand Table Simulation of Business Operations	2	64	40	24			6	
4180060111	物流成本管理 Logistics Cost Management	2	32					7	
4180294171	ERP与SCM系统模拟C ERP and SCM System Simulation	1.5	48	48				7	
小 计 Subtotal		64	1112	144	48	0	16		
（四）专业教育选修课程 Specialized Elective Courses									
电商物流方向 E-Commerce Logistics Direction									
4180061111	物流经济地理 Logistics Economic Geography	2	32					5	
4180232131	电子商务A Electronic Commerce	2.5	40		8			6	
4180242131	物流中心规划与管理B Logistics Center Planning and	2.5	40		8			6	
物流系统分析与优化方向 Logistics System Analysis and Optimization Direction									
4180322181	系统科学概论 Introduction to System Sciences	2	32					5	
4180323181	系统动力学 System Dynamics	2.5	40		8			6	
4180324181	预测与决策 Forcasting and Decision Making	2.5	40		8			6	
公共部分 Public Courses									
4120337171	Java程序设计基础 Fundamentals of Computer Program Design(Java)	2	32					2	
4180317131	工业工程基础 Fundamentals of Industrial Engineering	2	32					3	
4180040111	交通运输工程概论 AIntroduction to	2	32					3	
4180162121	物流决策基础B Fundamentals of Logistics Decision	2.5	40					3	现代物流学,Java程序设计基础
4180057111	商务统计 Business Statistics	2.5	40		8			4	概率论与数理统计
4180290171	运筹学C2 Operational Research Ⅱ	2	32					4	运筹学1,概率论与数理统计
4170065111	会计学B Accounting	2	32					4	
4180156121	商品流通学 Commodity Circulation	2.5	40					4	
4180066111	物流市场营销 Logistics Marketing	2	32					4	
4180065111	物流设施与设备	2	32					5	

课程编号 Course Number	课 程 名 称 Course Title	学分 Crs	学时分配 Including					建议修读学期 Suggested Term	先修课程 Prerequisite Course
			总学时 Tot hrs.	实验 Exp.	上机 Ope-ratio	实践 Prac-tice	课外 Extra-cur		
	Logistics Facilities and Equipment								
4180089111	质量管理B Quality Management	2	32					6	
4180230131	物流运输组织与管理B Logistics Transportation Organization & Management	2	32					6	
4180062111	物流经济学 Logistics Economics	2	32					7	
4180295171	智慧物流与数据挖掘 Intelligent Logistics and Data Mining	2	32					5	
4180160121	物流方案设计与应用 Logistics Solutions Designing and	2	32					7	
4180296171	物流风险管理 Logistics risk management	2	32					7	
4180013111	港口生产管理 Port Production Management	2	32					7	
小 计 Subtotal		49.5	792	0	8	0	0		
修读说明：按方向模块选修一组，取得7学分(专业方向必修)，公共部分要求至少选修21.5学分。 NOTE：Sudents should selects one group direction module and obtains 7 credits (specialized direction compulsory), the public courses are required to obtain at least 21.5 credits;									
（五）个性课程 Personalized Electice Courses									
4120409171	数据库技术与应用（VFP）(B) Database Technology and Application	2.5	40		16			4	
4020073111	经济法A Economic Law	2.5	40					4	
4170014111	财务管理B Financial Management	2	32					5	
4180235121	港口企业管理学A Port Enterprise Management	3	48					6	
4180019111	工效学 Ergonomics	2	32					7	
4180052111	绿色物流 Green Logistics	2	32					7	
小 计 Subtotal		14	224	0	16	0	0		
修读说明：学生从以上个性课程和学校发布的其它个性课程目录中选课，要求至少选修6学分。 NOTE: Sudents can select courses from above and the other personalized courses in catalog, and are required to obtain at least 6 credits.									

五、 集中性实践教学环节
Ⅴ Practice Schedule

课程编号 Course Number	实践环节名称 Practice Courses Name	学分 Crs	周数 Weeks	建议修读学期 Suggested Term
1060002111	军事训练 Military Training	1.5	3	1
4180121111	物流认知实习 Logistics Cognition Practice	1	1	2

课程编号 Course Number	课 程 名 称 Course Title	学分 Crs	学时分配 Including					建议修读学期 Suggested Term	先修课程 Prerequisite Course
			总学时 Tot hrs.	实验 Exp.	上机 Ope-ratio	实践 Prac-tice	课外 Extra-cur		
4180297171	机械制造工程实训D Training on Mechanical Manufacturing Engineering			1		1		3	
4180298171	物流管理创新创业能力实训 Ability Training of Innovation and Entrepreneurship			2		2		5（分散）	
4180126111	物流信息系统课程设计 Course Design on Logistics Information System			2		2		5	
4180233131	物流系统建模与仿真实训B Training on Logistics System Modeling and Simulation			2		2		6	
4180299171	物流管理专业实习 Practice of Specialty			3		3		6（暑期）	
4180300171	毕业论文 Graduation Thesis			11		17		8	
小 计 Subtotal				23.5		31			

修读说明：物流管理创新创业能力实训要求学生必须在本专业老师的指导下参加校物流创新设计大赛、全国物流设计大赛、互联网＋创新创业设计大赛、交通科技大赛等比赛或国家大学生创新性实验计划等创新活动。
NOTE: Students can get credits under the guidance of the professional teacher through participating in University Contest on Logistics Innovation Design, National Contest on Logistics Design by University Students (NCOLD), China College Students “Internet+” Innovation and Entrepreneurship Competition, National Competition of Transport Science and Technology for Students (NACTranS),etc., and innovation program such as National University Student Innovation Program,etc..

六、其它要求
Ⅵ Recommendations on Course Studies

（1） 请参考“理论教学建议进程表”中的有关修读说明。
（2） 鼓励参加全国大学生物流设计大赛、全国大学生交通科技大赛、“挑战杯”全国大学生系列科技学术竞赛、全国大学生节能减排社会实践与科技竞赛等课外学科竞赛等。
（3） 《形势与政策》和《心理健康教育》课程为课外必修课程，分别计 2个和1个课外学分。具体由学校学生发展指导中心负责组织落实。

（1） Please refer to the relevant taking note in the next "Theory Course Schedule".
（2） The students will be encouraged to participate in extracurricular academic competitions, such as National Contest on Logistics Design by University Students (NCOLD), National Competition of Transport Science and Technology for Students (NACTranS),The Challenge Cup, National University Student Social Practice and Science Contest on Energy Saving & Emission Reduction, etc.
（3） Situation & Policy and Mental Health Education, with 2 credits scores and 1 credit score. The course will be arranged by the University Students' Affairs' Department in each school.

学院教学责任人： 刘志平
专业培养方案责任人：王正国、曹菁菁