Undergraduate talent training program for the Logistics Engineering major

(Class of 2025)

1. Basic Information of the Major

College: Business School	Industry college: School of Logistics Management
Discipline: Management	Major category: Logistics Management and Engineering
Major: Logistics Engineering	Major code: **120602**
Duration: Four years	Degree awarded: Bachelor of Management
Total credits: **129**	Total hours: **2304**

2. Major Positioning and Training Objectives

(1) Professional Positioning

This major cultivates students with socialist core values, good moral cultivation, and comprehensive qualities, who meet the needs of Chinese-style modernization, developing in all aspects of morality, intelligence, physical fitness, aesthetics, and labor. It carries out the "Four Teachings and Four Achievements" (Four Teachings: ideological and political education, general education, professional education, innovation and entrepreneurship education; The "Four Percentages: Adult Education, Growth Education, Success Education") learning activities. Students master the basic theories and methods of modern logistics engineering management, possess strong modern logistics concepts, the ability to solve logistics engineering problems, analyze professional skills, and apply mathematics and computer knowledge to solve practical logistics problems, as well as innovation and teamwork abilities. They excel in the business world with a global perspective, and are capable of engaging in supply chain management, logistics system design and planning, and logistics operations in the logistics field known as the "Five Excellences" (Five Excellence: Good Virtue, Strong

Academic Ability, Theoretical Knowledge, Diligent Practical Application, and Internationalization) and high-quality application-oriented talents.

(2) Training Objectives

About five years after graduation, graduates are expected to achieve the following goals:

Goal 1: Be able to comprehensively apply professional knowledge and the latest achievements in logistics engineering to analyze engineering issues, connect theory with practice, and form effective analytical conclusions

Goal 2: To design strategic solutions that meet specific needs and align with the development of the logistics engineering industry

Goal 3: Use relevant social and natural science tools and methods for data collection and analysis, design, implement, and evaluate logistics solutions to meet business needs and improve overall supply chain performance

Goal 4: Be able to develop, select, and use appropriate management methods to predict and simulate complex system problems in logistics engineering

Goal 5: Be able to play your appropriate role in multidisciplinary teams according to role requirements, organize and coordinate team members' work, and coordinate relationships with other disciplines to jointly solve complex engineering problems in logistics engineering-related fields

(3) The correspondence between curriculum design and training objectives

Table 1: Correspondence Table between Curriculum Design and Training Objectives

Training Objectives / **Curriculum system**	**Goal 1**	**Goal 2**	**Goal 3**	**Goal 4**	**Goal 5**
1. Introduction to the Logistics Engineering major	√				
2. Principles of Management				√	
3. Basic accounting			√		
4. Economic law				√	
5. Statistics			√		
6. Operations Research		√			
7. Engineering Economics		√		√	
8. Warehouse management				√	

9. Transportation management	√				
10. Planning and design of distribution centers		√			
11. Logistics system planning and design					√
12. Logistics information technology	√				
13. Procurement and inventory control			√		
14. Logistics engineering project management	√				
15. Supply chain management					√
16. Innovative design thinking					√
17. Entrepreneurial foundation					√
18. Innovative practices in logistics and supply chains			√		
19. In-depth analysis of smart logistics cases		√			
20. Graduation internship		√			
21. Graduation Thesis (Design)			√		

3. Professional foundation, core, elective, and specialty courses

(1) Professional Foundation Courses (7 courses, 15 credits)

Introduction to Logistics Engineering (1 credit), Principles of Management (2 credits), Basic Accounting (2 credits), Economic Law (2 credits), Statistics (3 credits), Operations Research (3 credits), Engineering Economics (2 credits).

(2) Core Professional Courses (8 courses, 24 credits)

Warehouse Management (3 credits), Transportation Management (3 credits), Distribution Center Planning and Design (3 credits), Logistics Information Technology (3 credits), Logistics System Planning and Design (3 credits), Logistics Engineering Project Management (3 credits), Procurement and Inventory Control (3 credits), Supply Chain Management (3 credits).

(3) Elective Courses for Majors (15 courses, 30 credits)

Logistics Equipment and Applications (2 credits), Cold Chain Logistics (2 credits), Big

Data and Smart Logistics (2 credits), Port and Shipping Logistics (2 credits), Smart Ports (2 credits), Management Research Methods and Tools (2 credits), Commodities Science (2 credits), Logistics Automation Technology (2 credits), Logistics System Modeling and Simulation (2 credits), Smart Logistics Solution Design (2 credits), ERP Principles and Applications (2 credits), Enterprise Financial Management (2 credits), International Trade Practice (2 credits), International Logistics and Freight Forwarding (2 credits), Logistics Economics and Geography (2 credits).

(4) Specialized Courses (1 course, 3 credits)

Transportation Management (3 credits): This course aims to cultivate students' application of modern transportation planning and design theories and methods, improve transportation planning and management abilities, enable them to formulate and optimize transportation plans, execute and evaluate transportation service contracts, and avoid transportation risks and manage insurance. During the course implementation, "dual-qualified" professional teachers and enterprise experts are provided for teaching. Practical use of logistics management simulation software is used to deepen students' understanding of theoretical knowledge, school-enterprise cooperation and on-site teaching to enhance students' practical engineering application abilities, and a structured and visualized course system is formed by utilizing knowledge graphs, problem graphs, and capability graphs in transportation management. This creates new types of course resources, enabling students to intuitively understand the structure and connections of course knowledge and establish a holistic view of transportation knowledge. Through this course, students will understand the economic characteristics of basic transportation modes, evaluate the safety, convenience, and cost-effectiveness of transportation management systems, and achieve proficiency in using logistics management simulation software to optimize transportation plans. In addition, combining the content of the "National Logistics Design Competition," the program jointly studies the current status and characteristics of professional development, and conducts in-depth analysis of talent cultivation models

4. Focused Practical Teaching Segment

(1) Military Skills Training (1 course, 2 credits)

(2) Extension and Enhancement (2 courses, 6 credits)

Graduation internship (2 credits), graduation thesis (design) (4 credits).

5. Graduation and degree conferral requirements for majors

(1) Major graduation requirements

Students who complete the 129 credits required by this talent training program, pass the grades, and meet the requirements of the "Qingdao Hengxing University Student Status Management Rules" will be awarded the "Undergraduate Diploma in Logistics Engineering at Qingdao Hengxing Science and Technology Institute."

(2) Conditions for major conferral

Students who meet the graduation requirements and meet the requirements of the "Implementation Rules for Bachelor's Degree Conferral at Qingdao Hengxing University of Science and Technology" may be awarded the "Bachelor of Management Degree at Qingdao Hengxing University of Science and Technology" upon review and approval by the university's degree committee.

6. Professional Teaching Implementation Plan

Table 3 Implementation Plan for Logistics Engineering Major

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	Total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
General knowledge Course	Foundation General knowledge Course	Political thought Course	Ideology, morality, and the rule of law	3000000101	Must be maintained	3	48	3								40	8			Exam	School of Marxism
			Outline of Modern and Contemporary Chinese History	3000000102	Must be maintained	3	48		3							40	8			Exam	
			Basic principles of Marxism	3000000103	Must be maintained	3	48			3						40	8			Exam	
			An Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics	3000000104	Must be maintained	3	48				3					40	8			Exam	
			An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	3000000147	Must be maintained	3	48					3				40	8			Exam	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
			Situation and Policy I	3000000105	Must be maintained	0.25	8	0.25								8				Examination	
			Situation and Policy II	3000000182	Must be maintained	0.25	8		0.25							8				Examination	
			Current Situation and Policy III	3000000106	Must be maintained	0.25	8			0.25						8				Examination	
			Situation and Policy IV	3000000183	Must be maintained	0.25	8				0.25					8				Examination	
			Situation and Policy V	3000000107	Must be maintained	0.25	8					0.25				8				Examination	
			Current Situation and Policy VI	3000000184	Must be	0.25	8						0.25			8				Examin	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					maintained															ation	
			Situation and Policy VII	3000000108	Must be maintained	0.25	8							0.25		8				Examination	
			Current Situation and Policies VIII	3000000185	Must be maintained	0.25	8								0.25	8				Examination	
			Subtotal 1			**17**	**304**	**3.25**	**3.25**	**3.25**	**3.25**	**3.25**	**0.25**	**0.25**	**0.25**	**264**	**40**	**0**	**0**	**There are 5 exam courses**	
General knowledge Course	**Foundation General knowledge Course**	**Mathematics Course**	Advanced Mathematics BI.	3000000162	Must be maintained	4	64	4								64				**Exam**	Faculty of Education
			Advanced Mathematics BII	3000000163	Must be maintained	4	64		4							64				**Exam**	
			Linear algebra	3000000113	Must be	2	32		2							32				**Exam**	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					maintained																
			Probability theory and mathematical statistics	3000000114	Must be maintained	2	32				2					32				Exam	
General knowledge Course		Tools course	**Subtotal 2**			**12**	**192**	**4**	**6**	**0**	**2**	**0**	**0**	**0**	**0**	**192**	**0**	**0**	**0**	**4 exam courses**	
			Intelligent English I	300000010B	Must be maintained	2	64	4								16	48			Exam	International Education College
			Intelligent English II	300000010C	Must be maintained	2	64		4							16	48			Exam	
			Intelligent English III	300000010D	Must be maintained	2	64			4						16	48			Exam	
			Intelligent English IV	300000010E	Must be	2	64				4					16	48			Exam	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					maintained																
			University digital literacy	3000000186	Must be maintained	2	32	2								16	16			Examination	School of Information Engineering
			Information retrieval and utilization	3000000134	Must be maintained	1	16			1						8	8			Examination	Library
			Subtotal 3			**11**	**304**	**6**	**4**	**5**	**4**	**0**	**0**	**0**	**0**	**88**	**216**	**0**	**0**	**4 exam courses**	
		Military Discipline Course	Military theory	3000000131	Must be maintained	2	32	2								32				Examination	Student Development Office
			College Sports I	3000000192	Must be maintained	1	36	2								4	32			Examination	School of Physical Education
			University Sports II	3000000193	Must be	1	36		2							4	32			Examin	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					maintained															ation	
			University Sports III	3000000194	Must be maintained	1	36			2						4	32			Examination	
			University Sports IV	3000000195	Must be maintained	1	36				2					4	32			Examination	
			Subtotal 4			**6**	**176**	**4**	**2**	**2**	**2**	**0**	**0**	**0**	**0**	**48**	**128**	**0**	**0**		
		Summary Quality Course	Mental health education	3000000129	Must be maintained	2	32	2								16	16			Examination	Faculty of Education
			Education on outstanding traditional Chinese culture	3000000197	Must be maintained	1	16	1								16				Examination	Faculty of Humanities
			National security education	3000000187	Must be	1	16	1								12	4			Examin	School of Marxism

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					maintained															ation	
			College Student Career Development Planning	3000000132	Must be maintained	1	16	1								16				Examination	Business School
			College student employment guidance	3000000133	Must be maintained	1	16						1			16				Examination	
			Subtotal 5			**6**	**96**	**5**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**76**	**20**	**0**	**0**		
	Cross General knowledge Course	**Cross General knowledge Course**	Artistic literacy courses		Limited selection	2	32									32				Examination	Each college
			International literacy courses		Limited selection	1	16									16				Examination	
			International literacy activities		Limited sele	1	16									16				Examination	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					ction															n	
			Social science courses		Selection is allowed	0	0									0				Examination	
			Natural science courses		Selection is allowed	2	32									32				Examination	
			Subtotal 6			**6**	**96**	**0.75**	**0.75**	**0.75**	**0.75**	**0.75**	**0.75**	**0.75**	**0.75**	**96**	**0**	**0**	**0**		
	Total 1 = Subtotal 1 + Subtotal 2 + Subtotal 3 + Subtotal 4 + Subtotal 5 + Subtotal 6					**58**	**1168**	**23**	**16**	**11**	**12**	**4**	**2**	**1**	**1**	**764**	**404**	**0**	**0**		
Professionalis	**Professionalism Foundation Course**	**Professionalism Foundation Course**	Introduction to the Logistics Engineering major	3120602272	Must be maintained	1	16	1								16				Examination	Business School
			Principles of Management	3120104202	Must be maintained	2	32		2							32				**Exam**	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
m Course			Basic accounting	3120203224	Must be maintained	2	32			2						32				Exam	
			Economic law	3120201229	Must be maintained	2	32			2						32				Exam	
			Statistics	3020302224	Must be maintained	3	48				3					32	16			Exam	
			Operations Research	3120201210	Must be maintained	3	48					3				32	16			Exam	
			Engineering Economics	3120602290	Must be maintained	2	32						2			16	16			Exam	
Subtotal 1						**15**	**24**	**1**	**2**	**4**	**3**	**3**	**2**	**0**	**0**	**19**	**48**	**0**	**0**	**6 exam courses**	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	Total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
							0									2					
Professionalism Course	Professionalism Core Course	Professionalism Core Course	Warehouse management	3120602291	Must be maintained	3	48		3							40	8			Exam	Business School
			Transportation management	3120602292	Must be maintained	3	48			3						40	8			Exam	
			Planning and design of distribution centers	3120602293	Must be maintained	3	48				3					40	8			Exam	
	Professionalism Core Course	Professionalism Core Course	Logistics system planning and design	3120602294	Must be maintained	3	48							3		40	8			Exam	Business School
			Logistics information technology	3120602295	Must be maintained	3	48				3					40	8			Exam	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	Total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
Professionalism Course			Procurement and inventory control	3120602296	Must be maintained	3	48					3				40	8			Exam	
			Logistics engineering project management	3120602297	Must be maintained	3	48						3			40	8			Exam	
			Supply chain management	3120602299	Must be maintained	3	48				3					40	8			Exam	
			Subtotal 2			**24**	**384**	**0**	**3**	**3**	**9**	**3**	**3**	**3**	**0**	**320**	**64**	**0**	**0**	**8 exam courses**	
			Modern logistics equipment	3120602249	Limited selection	2	32				2					16	16			Examination	Business School
			Cold chain logistics operation management	3120602269	Limited selectio	2	32				2					16	16			Examination	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	Total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					n																
	Professionalism Elective Course	Professionalism Direction Course	Big Data and Smart Logistics	31206022A2	Limited selection	2	32				2					16	16			Examination	
			Port and shipping logistics	31206022A3	Limited selection	2	32				2					16	16			Examination	
			Logistics system modeling and simulation	31206022A4	Limited selection	2	32				2					16	16			Examination	
			ERP principles and applications	31206022A5	Limited selection	2	32				2					16	16			Examination	
	Professionalis	Professionalis	International trade practices	3020302228	Limited selection	2	32				2					16	16			Examination	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	Intotal Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
	m Elective Course	m Direction Course	Management research methods and tools	3120201249	Limited selection	2	32					2				16	16			Examination	
			Logistics automation technology	3120602283	Limited selection	2	32					2				16	16			Examination	
			Smart logistics solution design	3120602285	Limited selection	2	32					2				16	16			Examination	
			Smart Port	31206022A6	Limited selection	2	32					2				16	16			Examination	
			Commodity studies	3120602282	Limited selection	2	32					2				16	16			Examination	
			International logistics and freight forwarding	3120205282	Limited	2	32					2				16	16			Exam	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					selection																
			Logistics economics and geography	3120602263	Limited selection	2	32					2				16	16			Examination	Business School
			Corporate financial management	3120200204	Limited selection	2	32					2				24	8			**Exam**	
			Subtotal 3			**≥8**	**≥128**	**0**	**0**	**0**	**≥4**	**≥4**	**0**	**0**	**0**	**≥64**	**≥64**	**0**	**0**	**2 exam courses**	
	Professionalism Exp and Course	**Professionalism Exp and Course**	Excel and decision-making	3120201241	Limited selection	2	32			2						16	16			Examination	Business School
			Logistics Design Competition	3120602289	Limited selection	2	32			2						16	16			Examination	
			Logistics enterprise operation management	3120602284	Limited	2	32						2			16	16			Examin	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					selection															ation	
			Python Practice and Application	31206022A7	Limited selection	2	32						2			16	16			Examination	
			Subtotal 4			**≥4**	**≥64**	**0**	**0**	**≥2**	**0**	**0**	**≥2**	**0**	**0**	**≥32**	**≥32**	**0**	**0**		
	Total 2 = Subtotal 1 + Subtotal 2 + Subtotal 3 + Subtotal 4					**≥51**	**≥816**	**1**	**5**	**9**	**16**	**≥10**	**≥7**	**3**	**0**	**≥608**	**≥208**	**0**	**0**		
Double Creation Course	**Double Creation Course**	**Double Creation Foundation Course**	Innovative design thinking	3000000305	Must be maintained	2	32			2						32				Examination	School of Innovation and Entrepreneurship
			Entrepreneurial foundation	3000000306	Must be maintained	2	32				2					32				Examination	
			Subtotal 1			**4**	**64**	**0**	**0**	**2**	**2**	**0**	**0**	**0**	**0**	**64**	**0**	**0**	**0**		
		Double Crea	In-depth analysis of smart logistics cases	3120602304	Must be mai	2	32						2			16	16			Examinatio	Business School

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
		tion Practice Course			ntained															n	
			Innovative practices in logistics and supply chains	3120602305	Must be maintained	2	32							2		16	16			Examination	
			Subtotal 2			**4**	**64**	**0**	**0**	**0**	**0**	**0**	**2**	**2**	**0**	**32**	**32**	**0**	**0**		
	Total 3 = Subtotal 1 + Subtotal 2					**8**	**128**	**0**	**0**	**2**	**2**	**0**	**2**	**2**	**0**	**96**	**32**	**0**	**0**		
Concentration Practice Teaching Link	**Concentration Practice Teaching Link**	Military skills training		3000000196	Must be maintained	2	32	2											32	Examination	Student Development Office
		Expand Improvement	Graduation internship	3120602539	Must be maintained	2	32								2				32	Examination	Business School
			Graduation Thesis (Design)	3120602603	Must be maintained	4	64								4				64	Examination	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	Total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
	Total: 4					**8**	**128**	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**6**	**0**	**0**	**0**	**128**		
Second Classroom Activities	**Second Classroom Activities**	**Second Classroom Activities**	Labor activities	3000000907	Limited selection	1	16												16	Examination	Youth League Committee
			100 Selected Classics and Masterpieces from China and Abroad	3000000901	Limited selection		3												3	Examination	
Second Classroom Activities	**Second Classroom Activities**	**Second Classroom Activities**	University entrance education	3000000902	Limited selection	1	3												3	Examination	Youth League Committee
			University student clubs	3000000904	Limited selection		3												3	Examination	
			Physical activities	3000000905	Limited selection		4												4	Examination	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
			Aesthetic education activities	3000000906	Limited selection		3												3	Examination	
			Ideological and political quality	3000000908	Selection is allowed	2	32												32	Examination	
			Club cultural and sports activities	3000000909	Selection is allowed															Examination	
			Volunteer public welfare services	3000000910	Selection is allowed															Examination	
			Innovation, entrepreneurship, and creation	3000000911	Selection is allowed															Examination	
			Practical internships and training activities	3000000912	Selectio															Examin	

Types of courses	Course levels	Course modules	Course name	Course code	Course nature	Study Points	In total Study Time	Courses are offered during the semester and weekly class hours								Class hour allocation				Assessment method	Offering Units
								First year		Second academic year		Third year		Fourth year		In-class teaching			Collection Middle Reality Tread		
								1	2	3	4	5	6	7	8	Theory	Practice	Experiment			
					n is allowed															ation	
			Skill and specialty development	3000000913	Selection is allowed															Examination	
	Total: 5					**≥4**	**≥64**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0.5**	**0**	**0**	**0**	**≥64**		
总计=合计 1+合计 2+合计 3+合计 4+合计 5						**≥129**	**≥2304**	**26.5**	**21.5**	**22.5**	**30.5**	**14.5**	**11.5**	**6.5**	**7.5**	**≥1388**	**≥724**	**0**	**≥192**		

7. Courses Offered to External Majors (Including Public Elective Courses)

Supply Chain Management (2 credits).

Revision	Director of the Teaching and Research Office Sign	Liu Xin		
	Professional Leader Sign	Du Xiaoli	Signature by the professional leader	Wang Xiurong

Review	Industry Dean Sign	Takamatsu Cloud	Teaching Dean Sign	Zhu Yanna
	Executive Dean Signature and date	Gao Min		