



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.04.02 Management

Educational Programme "Strategic Management of Logistics and Supply Chains in the Digital Economy"

Trajectories: "Digital Logistics", "Innovative Technologies in Supply Chain Management"

Implementing unit: Graduate School of Business, HSE - Moscow

Years of Study: 2022/2023 - 2023/2024

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

APPROVED

18.05.2022

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Innovative Technologies in Supply Chain Management (Applied track)		114,00	54,00	33,00	
	Key Seminars		27,00	15,00		
1	Research Seminar "Digitalization of Logistics and Supply Chains"	C	3,00		3,00	GPC-4, PC-2, UC-2
2	Scientific Workshop "Integrated Systems in Logistics and Supply Chain Management"	C	6,00	6,00		GPC-2, PC-10, PC-9, UC-1
3	Scientific Workshop "Modern Transportation Technologies in Global Logistic Systems"	C	6,00	6,00		GPC-5, PC-11, PC-3, UC-5
4	Mentor's Seminar	C	6,00	3,00	3,00	GPC-3, PC-10, UC-3
5	Scientific Workshop: Innovation Technologies in Digital Logistics and Supply Chain Management	C	6,00		6,00	PC-3, PC-9
	Internship		33,00		27,00	
	Project Internship		24,00	6,00	18,00	
1	Term Paper	C	6,00	6,00		GPC-4, PC-1, PC-2, UC-3
2	Preparation of Final Qualification Paper	C	18,00		18,00	PC-1, PC-10, PC-2, PC-4
	Professional Internship		9,00		9,00	
1	Work Experience Internship	C	9,00		9,00	PC-1, PC-7, PC-9
	Research Internship					
	Major		48,00	33,00		
	Basic Components		36,00	27,00	9,00	
1	Modern Supply Chain Management Tools	C	3,00		3,00	GPC-2, PC-3, PC-8, UC-2

2	Strategies In Management: Logistics Digitalization Strategies	C	6,00	6,00		GPC-3, PC-1, PC-3, UC-1, UC-3
3	Economics: Strategic Budgeting and Logistics Controlling	C	6,00	6,00		GPC-1, PC-1, PC-10
4	Supply Chain Digital Transformation	C	6,00	6,00		PC-2, PC-3
5	Leadership (offered in a foreign language)	C	3,00		3,00	GPC-3, PC-4, PC-5, UC-3
6	Logistics Distribution Networks Design	C	3,00		3,00	PC-10, PC-5
7	Digital Technologies for Strategic Decision Making in Logistics and Supply Chain Management	C	3,00	3,00		PC-3, PC-6
8	The Methodology of Scientific Research in Management: Theory of Logistical Integration and Research Methods in Logistics	C	6,00	6,00		GPC-2, GPC-5, PC-10, PC-4, UC-6
	Elective Courses					
	Block 1		12,00	6,00	6,00	
			6,00	6,00		
1	Innovative Technologies in Manufacturing Companies Supply Chains	E	3,00	3,00		PC-5
2	Supply Chain Diagnostics	E	3,00	3,00		PC-6, PC-8
3	Optimization Models and Instruments for Supply Chain Planning	E	3,00	3,00		PC-10, PC-3
4	Multimodal Transportation in Global Supply Chains (offered in a foreign language)	E	3,00	3,00		PC-5, PC-9, UC-4
	Block 2 - Modern Concepts of Supply Chain Management		6,00		6,00	
1	Supply Chain Management Organizational Chart Development	E	3,00		3,00	PC-4
2	Control Tower Methodology in Supply Chains	E	3,00		3,00	PC-11, PC-6
3	Modern Strategies and Technologies of the Supply Chain Sourcing	E	3,00		3,00	PC-3, PC-8
	Magolego		3,00	6,00	3,00	
1	All-university Pool MAGOLEGO Courses	E	3,00		3,00	UC-5, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	PC-1, PC-10, PC-2, PC-4, UC-1, UC-4
	Digital Logistics (Applied track)		114,00	54,00	45,00	
	Key Seminars		27,00	15,00	12,00	
1	Research Seminar "Digitalization of Logistics and Supply Chains"	C	3,00		3,00	GPC-2, PC-2, UC-4
2	Scientific Workshop "Digital Technologies in Logistics"	C	6,00	6,00		GPC-4, PC-11, PC-3, UC-6
3	Scientific Workshop "Business Processes Re-Design in Supply Chains"	C	6,00		6,00	PC-4
4	Scientific Workshop "Integrated Systems in Logistics and Supply Chain Management"	C	6,00	6,00		GPC-2, PC-10, PC-9, UC-1
5	Mentor's Seminar	C	6,00	3,00	3,00	GPC-3, PC-10, UC-3

	Internship		33,00		27,00	
	Project Internship		24,00	6,00	18,00	
1	Term Paper	C	6,00	6,00		GPC-4, PC-1, PC-2, UC-3
2	Preparation of Final Qualificaiton Paper	C	18,00		18,00	PC-1, PC-10, PC-2, PC-4
	Professional Internship		9,00		9,00	
1	Work Experience Internship	C	9,00		9,00	PC-1, PC-7, PC-9
	Research Internship					
	Major		48,00	33,00		
	Basic Components		36,00	27,00	9,00	
1	Leadership (offered in a foreign language)	C	3,00		3,00	GPC-3, PC-4, PC-5, UC-3
2	Logistics Distribution Networks Design	C	3,00		3,00	PC-10, PC-5
3	Modern Supply Chain Management Tools	C	3,00		3,00	GPC-2, PC-3, PC-8, UC-2
4	Design of the Logistics Infrastructure Facilities (offered in a foreign language)	C	3,00	3,00		PC-5, PC-8
5	Management of Logistic Risks in Supply Chains (offered in a foreign language)	C	6,00	6,00		PC-6
6	Strategies In Management: Logistics Digitalization Strategies	C	6,00	6,00		GPC-3, PC-1, PC-3, UC-1
7	Economics: Strategic Budgeting and Logistics Controlling	C	6,00	6,00		GPC-1, PC-1, PC-10, PC-6, UC-3
8	The Methodology of Scientific Research in Management: Theory of Logistical Integration and Research Methods in Logistics	C	6,00	6,00		GPC-2, GPC-5, PC-10, PC-4, UC-6
	Elective Courses		12,00	6,00	6,00	
	Блок 1		6,00	6,00		
1	Interfunctional Conflict Management and Logistics Coordination	E	3,00	3,00		PC-7, UC-4
2	Integration and Advanced Planning in Logistics (offered in a foreign language)	E	3,00	3,00		PC-4, UC-5
3	Digital Technologies for Strategic Decision Making in Logistics and Supply Chain Management	E	3,00	3,00		PC-10
	Block 2 - Information Technologies in Supply Chain Management		6,00		6,00	
1	Control Tower Methodology in Supply Chains	E	3,00		3,00	PC-11, PC-6
2	Logistics and Supply Chain Predictive Analytics	E	3,00		3,00	PC-11
3	Digital Platforms and Services in Logistics and Supply Chain Management	E	3,00		3,00	GPC-2, PC-11, PC-8
	Magolego		3,00	6,00	3,00	
1	All-university Pool MAGOLEGO Courses	E	3,00		3,00	UC-5, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	PC-1, PC-10, PC-2, PC-4, UC-1, UC-4
	General Components		6,00	6,00		

	Key Seminars					
	Internship					
	Project Internship					
	Professional Internship					
	Research Internship					
	Major					
	Magolego		6,00	6,00		
1	Magolego	E	6,00	6,00		UC-5, UC-6

Curriculum agreed:

Academic Supervisor	Kushch S.P.	17.05.2022
Dean	KATKALO V.S.	17.05.2022
Head of Centre for Educational Model Design	LEPESHKIN I.A.	18.05.2022

* Subject type:

Compulsory course	C
Elective course	E