



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.02 Management
 Educational Programme "Logistics and Supply Chain Management"
 Implementing unit: Graduate School of Business, HSE - Moscow

APPROVED
 19.05.2021
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Years of Study: 2020/2021 - 2023/2024

Length of Programme: 4 years

Mode of Study: Full Time

Degree: Bachelor's degree

Block Code	Course	Subject type	Credits	Credits by Years				Planned Educational Programme Development Results
				1	2	3	4	
	Degree Programme		240,00	60,00	60,00	60,00	60,00	
	Major		171,00	42,00	41,00	43,00	45,00	
	Core Professional Block (Major)		85,00	36,00	31,00	18,00		
	Subject Areas		85,00	36,00	31,00	18,00		
	Economics		11,00	11,00				
1	Macroeconomics	C	5,00	5,00				PC-18
2	Microeconomics	C	6,00	6,00				PC-19
	Mathematics and Statistics		13,00	13,00				
1	Mathematics	C	6,00	6,00				UC-1
2	Probability Theory and Mathematical Statistics	C	4,00	4,00				PC-21
3	Economic Statistics	C	3,00	3,00				PC-34
	General and Strategic Management		8,00	4,00		4,00		
1	Management Theory and History	C	4,00	4,00				PC-8, PC-9
2	Strategic Management (offered in a foreign language)	C	4,00			4,00		PC-20
	Finance and Accounting		13,00		10,00	3,00		
1	Financial and Managerial Accounting	C	6,00		6,00			GPC-5, PC-23
2	Financial Management	C	4,00		4,00			PC-14, PC-24
3	ERP-Systems (SAP, 1C)	C	3,00			3,00		GPC-7
	Marketing		5,00	5,00				
1	Marketing	C	5,00	5,00				PC-11
	Organizational Behaviour and Human Resource Management		8,00		8,00			
1	Human Resource Management	C	4,00		4,00			GPC-3, PC-7, UC-11
2	Organizational Behavior	C	4,00		4,00			PC-5

	Process and Project Management, Logistics and Supply Chain Management		13,00		9,00	4,00		
1	Operations and Process Management	C	5,00		5,00			GPC-6, PC-4
2	Logistics and Supply Chain Management	C	4,00		4,00			PC-15
3	Project Management	C	4,00			4,00		PC-12, PC-16
	Decision-making and Business Ethics		7,00	3,00	4,00			
1	Management Decisions	C	4,00		4,00			PC-10, PC-2
2	Business Ethics and Corporate Social Responsibility	C	3,00	3,00				GPC-2, PC-30
	Entrepreneurship		3,00			3,00		
1	Entrepreneurship	C	3,00			3,00		PC-27, PC-29, UC-10
	Social Skills of a Manager/Leadership and Team-building		4,00			4,00		
1	Leadership	C	4,00			4,00		PC-16, PC-6
	Elective Professional Block (Major)		86,00	6,00	10,00	25,00	45,00	
	Дополнение профессионального модуля (Major доп)		86,00	6,00	10,00	25,00	45,00	
	Block 1 - Digital Technologies in Supply Chains		8,00				8,00	
1	Information Systems for Forecasting and Planning Supply Chains (offered in a foreign language)	E	4,00				4,00	PC-12, PC-31, PC-32, PC-35
2	Simulation with Anylogic (offered in a foreign language)	E	4,00				4,00	PC-12, PC-31, PC-32, PC-35
3	Digital Supply Chain Management (offered in a foreign language)	E	4,00				4,00	PC-12, PC-31, PC-32, PC-35
4	Business Intelligence Technologies (offered in a foreign language)	E	4,00				4,00	PC-12, PC-31, PC-32, PC-35
	Block 2 - Last Mile in Supply Chains		8,00				8,00	
1	Customer Service Management in Supply Chains	E	4,00				4,00	PC-10, PC-19, PC-2, PC-20
2	Scaling Operations: Linking Strategy and Execution	E	4,00				4,00	PC-10, PC-19, PC-2, PC-20
3	Last Mile Logistics	E	4,00				4,00	PC-10, PC-19, PC-2, PC-20
	Block 3 - Logistics Operational Excellence		6,00				6,00	
1	Key Success Factors in Supply Chain Finance (offered in a foreign language)	E	3,00				3,00	PC-13, PC-22, PC-26
2	Reverse Logistics (offered in a foreign language)	E	3,00				3,00	PC-13, PC-22, PC-26
3	Intermodal Transportation Management (offered in a foreign language)	E	3,00				3,00	PC-13, PC-22, PC-26
	Block 4 - Supply Chain Manager Special Competencies		3,00				3,00	
1	International Operations and Bargains in Supply Chains	E	3,00				3,00	PC-15, PC-18, PC-9
2	Evolutionary Algorithms and Real-world Logistics	E	3,00				3,00	GPC-7, PC-31, PC-32, PC-35
3	Intrapreneurship	E	3,00				3,00	PC-12, PC-27, PC-28, PC-29
	Core Courses		53,00	4,00	6,00	23,00	20,00	
1	Distribution Logistics	C	3,00				3,00	PC-16, PC-20

2	Supply Chain ESG Strategies (offered in a foreign language)	C	3,00				3,00	PC-1, PC-10, PC-30
3	Business Analysis in Supply Chains	C	4,00				4,00	PC-26, PC-31
4	Research Seminar on Thesis Preparation	C	3,00				3,00	PC-2, PC-26, UC-2
5	Risk Management in Supply Chains (offered in a foreign language)	C	3,00				3,00	PC-13, PC-17, PC-22, PC-25, PC-26
6	Budgeting and Integrated Planning	C	4,00				4,00	GPC-5, PC-14
7	Career Guidance Seminar "Managerial profession in the modern world"	C	4,00	4,00				UC-6
8	Machine Learning with Python (offered in a foreign language)	C	3,00		3,00			PC-35
9	Economic-Mathematical Methods and Models in Logistics	C	6,00			6,00		PC-22, UC-2, UC-9
10	Transport Systems Management	C	3,00		3,00			PC-15
11	Purchasing Logistics	C	3,00			3,00		PC-26
12	Inventory Management	C	4,00			4,00		PC-22
13	Warehousing Logistics	C	4,00			4,00		PC-26
14	Business Communication (offered in a foreign language)	C	3,00			3,00		PC-11, PC-12, PC-8, PC-9, UC-4, UC-5
15	Supply Chain Reliability and Sustainability Management	C	3,00			3,00		PC-17
	Проектные семинары		8,00	2,00	4,00	2,00		
1	Project Seminar "SWOT Analysis"	C	2,00	2,00				PC-33
2	Project Seminar "Business Planning"	C	2,00		2,00			PC-28
3	Project Seminar "Team Management"	C	2,00		2,00			UC-3
4	Project Seminar "Management Consulting"	C	2,00			2,00		PC-26
	Internship		30,00	5,00	5,00	7,00	13,00	
	Professional Internship		2,00				2,00	
1	Graduation Internship	C	2,00				2,00	PC-1
	Project Internship		17,00	5,00	5,00	5,00	2,00	
1	Course Project "SWOT Analysis"	C	5,00	5,00				PC-33
2	Инициативные проекты студентов	C	2,00				2,00	PC-1
3	Курсовой проект: бизнес-план	C	5,00		5,00			GPC-1, GPC-2, GPC-3, PC-13, PC-14, PC-2, PC-28, UC-3
4	Курсовой проект: консалтинговый проект	C	5,00			5,00		GPC-2, GPC-6, PC-10, PC-17, PC-2, PC-26, UC-3
	Research Internship		11,00			2,00	9,00	
1	Preparation of Graduation Thesis	C	9,00				9,00	PC-31, PC-32, PC-33, PC-34, PC-35
2	Work Experience Internship	C	2,00			2,00		PC-1
	General Courses		14,00	13,00	1,00			
	Core General Courses		2,00	1,00	1,00			
1	Safe Living Basics	C	1,00	1,00				UC-8
2	Physical Training	C	1,00		1,00			UC-7
	Optional General Courses		12,00	12,00				

1	Sociology	C	4,00	4,00				UC-5
2	Introduction to law	C	4,00	4,00				GPC-1, PC-3
3	Psychology	C	4,00	4,00				UC-3
	Minor		20,00		10,00	10,00		
1	Minor	E	20,00		10,00	10,00		UC-11, UC-2, UC-6
	English		1,00				1,00	
	Examinations		1,00				1,00	
1	Project Proposal (offered in a foreign language)	C	1,00				1,00	UC-4
2	English Language Integrative Exam	C						UC-4
3	Independent English Exam (offered in a foreign language)	C						UC-4
	Optional Courses							
1	Academic Writing in English (offered in a foreign language)	O	2,00				2,00	UC-4
2	English	O	14,00	8,00	6,00			UC-4
	Data Culture		3,00		3,00			
1	Introduction to Data Science	C	3,00		3,00			UC-1
	Final State Certification (FSC)		1,00				1,00	
	Thesis Work		1,00				1,00	
1	Presenting of Graduation Thesis	C	1,00				1,00	GPC-4

Curriculum agreed:

Academic Supervisor	GERAMI V.D.	17.05.2021
Dean	KATKALO V.S.	18.05.2021
Head of Centre for Educational Model Design	LEPESHKIN I.A.	18.05.2021

* Subject type:

Compulsory course	C
Elective course	E
Optional course	O