



National Research University Higher School of Economics (HSE)

Basic Curriculum

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

APPROVED
 30.05.2023
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Years of Study: 2023/2024 - 2026/2027

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		170,00	49,00	36,00	40,00	45,00	
	Core Professional Block (Major)		84,00	38,00	32,00	14,00		
1	Introduction into Python	C	4,00		4,00			GPC-2, GPC-6
2	Strategic Management (offered in a foreign language)	C	4,00			4,00		GPC-1, GPC-3, PC-14, PC-7
3	Organizational Behavior	C	4,00		4,00			GPC-1, PC-6
4	Human Resource Management	C	3,00			3,00		GPC-1, GPC-3, UC-5
5	Entrepreneurship	C	3,00			3,00		GPC-4
6	Management Decisions	C	4,00		4,00			UC-1, UC-2
7	Logistics and Supply Chain Management (offered in a foreign language)	C	4,00		4,00			GPC-1, PC-1, PC-14, PC-2
8	Operations and Process Management	C	4,00		4,00			GPC-1, PC-11
9	Project Management	C	4,00			4,00		GPC-3
10	Financial and Managerial Accounting	C	6,00		6,00			UC-1, UC-9
11	Financial Management	C	3,00		3,00			UC-9
12	Business Statistics	C	4,00	4,00				GPC-2, UC-1
13	Management: Concepts and Technologies of the 21st Century	C	4,00	4,00				GPC-1, PC-11
14	Business Ethics and CSR	C	3,00	3,00				PC-9, UC-10, UC-2
15	Marketing	C	4,00	4,00				PC-14, PC-15, PC-16, PC-5
16	Transport Systems Management	C	3,00		3,00			PC-1, PC-3, PC-9
17	Business Communications	C	3,00	3,00				GPC-3, PC-13, PC-7, UC-3, UC-4
18	Microeconomics	C	5,00	5,00				GPC-1, GPC-3, PC-16, UC-9
19	Macroeconomics	C	5,00	5,00				UC-5, UC-9
20	Mathematics	C	6,00	6,00				PC-12

21	Probability Theory and Mathematical Statistics	C	4,00	4,00				PC-12, PC-4
	Elective Professional Block (Major)		86,00	11,00	4,00	26,00	45,00	
	Проектные семинары		8,00	2,00	4,00	2,00		
1	Project Seminar "SWOT Analysis"	C	2,00	2,00				GPC-4, UC-1
2	Project Seminar "Team Management"	C	2,00		2,00			GPC-3, UC-3, UC-5
3	Project Seminar "Business Planning"	C	2,00		2,00			GPC-4, UC-9
4	Project Seminar "Management Consulting"	C	2,00			2,00		GPC-4, PC-13
	Compulsory Courses		53,00	9,00		24,00	20,00	
1	Information Systems and Organisations	C	4,00			4,00		GPC-5, GPC-6, PC-10, PC-8
2	Inventory Management	C	4,00			4,00		PC-10
3	Procurement and Purchasing Management	C	3,00			3,00		PC-1, PC-15, PC-2, PC-4
4	Supply Chain Warehouse Management	C	4,00			4,00		PC-3
5	Distribution Logistics	C	3,00				3,00	PC-16, PC-2, PC-5
6	IT in Business	C	3,00			3,00		GPC-5, GPC-6, PC-10, PC-8
7	Business Analysis in Supply Chains	C	3,00				3,00	GPC-1, GPC-3, PC-13, PC-7
8	Modeling of business processes in the Supply Chain	C	4,00				4,00	PC-6, PC-8
9	Economic-Mathematical Methods and Models in Logistics	C	6,00			6,00		PC-1, PC-12, PC-3, UC-9
10	Career Guidance Seminar "Managerial profession in the modern world"	C	4,00	4,00				GPC-3, UC-1, UC-2, UC-6, UC-9
11	Research Seminar on Thesis Preparation	C	4,00				4,00	UC-1, UC-2, UC-4, UC-6
12	International Operations and Bargains in Supply Chains	C	3,00				3,00	PC-1, PC-13, PC-2, PC-3
13	Supply Chain ESG Strategies	C	3,00				3,00	PC-9
14	Digital Literacy	C	5,00	5,00				GPC-5, GPC-6, UC-1, UC-4
	Elective Courses - Business Analytics Technologies in Supply Chain Management		8,00				8,00	
1	BI-systems	E	4,00				4,00	GPC-2, GPC-5, PC-1
2	Digital Supply Chain Management	E	4,00				4,00	GPC-5, PC-10
3	Simulation with Anylogic	E	4,00				4,00	GPC-2, GPC-5, PC-8
4	Supply chain forecasting and planning tools	E	4,00				4,00	GPC-2, PC-2
	Elective Courses - Supply Chain Last Mile		8,00				8,00	
1	Transport solutions "Last Mile Delivery"	E	4,00				4,00	PC-13
2	Scaling Operations: Linking Strategy and Execution	E	4,00				4,00	PC-4
3	Customer Service Management in Supply Chains	E	4,00				4,00	PC-15, PC-5
4	Logistics of Internet Retailing	E	4,00				4,00	PC-16
	Elective Courses - Supply Chain Management Functional Solutions		6,00				6,00	
1	Key Success Factors in Supply Chain Finance	E	3,00				3,00	PC-11
2	Reverse Logistics	E	3,00				3,00	PC-9
3	Intermodal Transportation Management	E	3,00				3,00	PC-3
4	Risk Management in Supply Chains	E	3,00				3,00	PC-14

	Elective Courses - Special Competencies of Supply Chain Manager		3,00				3,00	
1	Evolutionary Algorithms and Real-world Logistics	E	3,00				3,00	GPC-5, PC-12
2	Interfunctional Conflict Management and Logistics Coordination	E	3,00				3,00	PC-6
3	Intrapreneurship	E	3,00				3,00	PC-7
	Internship		30,00	5,00	5,00	7,00	13,00	
	Professional Internship		4,00			2,00	2,00	
1	Work Experience Internship	C	2,00			2,00		GPC-1, GPC-2
2	Graduation Internship	C	2,00				2,00	GPC-3, GPC-4
	Project Internship		17,00	5,00	5,00	5,00	2,00	
1	Курсовой проект: SWOT-анализ	C	5,00	5,00				GPC-1, GPC-2
2	Курсовой проект: бизнес-план	C	5,00		5,00			GPC-4
3	Курсовой проект: консультационный проект	C	5,00			5,00		GPC-3
4	Students Elective Projects	E	2,00				2,00	PC-1, PC-2, PC-3
	Research Internship		9,00				9,00	
1	Preparation of Graduation Thesis	C	9,00				9,00	GPC-1, GPC-2, GPC-3, GPC-4, GPC-5, GPC-6, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-7, UC-8, UC-9
	General Courses		14,00	6,00	5,00	3,00		
	Core General Courses		2,00	1,00	1,00			
1	Safe Living Basics	C	1,00	1,00				UC-10, UC-6, UC-8
2	Physical Training	C	1,00		1,00			UC-7
	Optional General Courses		12,00	5,00	4,00	3,00		
1	Legal Literacy	C	3,00			3,00		UC-1, UC-2
2	Russian History	C	4,00		4,00			UC-5
3	Foundations of Russian Statehood	C	2,00	2,00				UC-5
4	Philosophy	C	3,00	3,00				UC-11, UC-3
	Minor		20,00		10,00	10,00		
1	Minor	C	20,00		10,00	10,00		UC-6
	English		1,00				1,00	
	Examinations		1,00				1,00	
1	Independent English Exam	C						UC-4
2	Project Proposal	C	1,00				1,00	UC-4
3	English Language Integrative Exam (offered in a foreign language)	C						UC-4
	Optional Courses							
1	English (offered in a foreign language)	O	14,00	8,00	6,00			UC-4
2	Academic Writing in English (offered in a foreign language)	O	2,00				2,00	UC-4
	Data Culture		4,00		4,00			

1	Introduction to Data Science	C	3,00		3,00			GPC-2, GPC-5, GPC-6
2	Independent Digital Literacy Test	C						GPC-5, GPC-6
3	Independent Programming Test. Intermediate	C						GPC-2, GPC-6
4	Independent Data Science Test. Intermediate	C	1,00		1,00			GPC-2, GPC-6
	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-1, GPC-2, GPC-3, GPC-4, GPC-5, GPC-6, PC-1, PC-10, PC-11, PC-12, PC-13, PC-14, PC-15, PC-16, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-7, UC-8, UC-9
	State Examinations							

Curriculum agreed:

Academic Supervisor GERAMI V.D. 25.05.2023

Dean KATKALO V.S. 26.05.2023

Head of Centre for
Educational Model Design LEPESHKIN I.A. 30.05.2023

* Subject type:

Compulsory course C

Elective course E

Optional course O