



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"
 Specializations: "Business Analytics", "Supply Chain Management"
 Implementing unit: Graduate School of Business, HSE - Moscow

APPROVED
 18.05.2022
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Years of Study: 2022/2023 - 2025/2026

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	46,00	40,00	39,00	45,00	
	Core Professional Block (Major)		84,00	34,00	33,00	12,00	5,00	
	Subject Areas		84,00	34,00	33,00	12,00	5,00	
1	Introduction into Python	C	3,00		3,00			GPC-1, GPC-5
2	Operations and Process Management	C	4,00		4,00			GPC-1, PC-11, PC-12, PC-2
3	Logistics and Supply Chain Management	C	3,00			3,00		GPC-1, PC-1, PC-2
4	Management Decisions	C	4,00		4,00			GPC-3, PC-11, UC-9
5	Entrepreneurship (offered in a foreign language)	C	3,00		3,00			GPC-3, GPC-4
6	Strategic Management	C	5,00			5,00		GPC-3, UC-2
7	Organizational Behavior	C	4,00		4,00			GPC-1, GPC-3
8	Human Resource Management	C	4,00		4,00			GPC-1, UC-5
9	Leadership	C	5,00				5,00	GPC-3, UC-3
10	Project Management	C	4,00			4,00		GPC-1, GPC-3
11	Financial and Managerial Accounting	C	6,00		6,00			GPC-2, UC-9
12	Financial Management	C	5,00		5,00			GPC-1, UC-9
13	Business Statistics	C	3,00	3,00				GPC-2, UC-1
14	Management: Concepts and Technologies of the 21st Century	C	4,00	4,00				GPC-1, UC-1, UC-2
15	Microeconomics	C	5,00	5,00				GPC-1, UC-9
16	Macroeconomics	C	5,00	5,00				GPC-1, UC-9
17	Business Ethics and CSR	C	3,00	3,00				GPC-2, PC-13, PC-9, UC-11
18	Mathematics	C	6,00	6,00				PC-12
19	Probability Theory and Mathematical Statistics	C	4,00	4,00				GPC-5, GPC-6, PC-12
20	Marketing	C	4,00	4,00				GPC-4, PC-1, PC-17

	Elective Professional Block (Major)		86,00	12,00	7,00	27,00	40,00	
	Дополнение профессионального модуля (Major доп)		86,00	12,00	7,00	27,00	40,00	
	Проектные семинары		10,00	2,00	4,00	2,00	2,00	
1	Project Seminar "Team Management"	C	2,00		2,00			GPC-3, PC-13, UC-3
2	Project Seminar "Business Planning"	C	2,00		2,00			GPC-1, GPC-4
3	Project Seminar "Management Consulting"	C	2,00			2,00		PC-14, UC-6
4	Project Seminar "Design Thinking"	C	2,00				2,00	GPC-4, PC-17
5	Project Seminar "SWOT Analysis"	C	2,00	2,00				GPC-1, GPC-4
	Обязательные дисциплины		53,00	10,00	3,00	25,00	15,00	
1	Transport Systems Management	C	3,00		3,00			PC-1, PC-3, PC-9
2	Inventory Management	C	4,00			4,00		PC-1, PC-10, PC-11, PC-6
3	Procurement and Purchasing Management	C	4,00			4,00		PC-1, PC-11, PC-4
4	Supply Chain Warehouse Management	C	4,00			4,00		PC-1, PC-3, PC-9
5	Distribution Logistics	C	4,00				4,00	PC-1, PC-16, PC-2, PC-5
6	Change Management	C	5,00			5,00		GPC-3, PC-11, PC-7, UC-2
7	Business Analysis	C	5,00			5,00		PC-11, PC-15, PC-6, PC-7, PC-9
8	Risk Management	C	4,00				4,00	PC-13, PC-15, PC-7
9	Business Communications	C	3,00			3,00		PC-7, UC-3, UC-4
10	Career Guidance Seminar "Managerial profession in the modern world"	C	4,00	4,00				GPC-1, GPC-2, UC-3
11	Research Seminar	C	7,00				7,00	GPC-1, GPC-3, PC-1, UC-1, UC-9
12	Digital Literacy	C	6,00	6,00				GPC-6, PC-8, 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-6, PC-10, PC-12, PC-8
2	Modeling of business processes in the Supply Chain	E	4,00				4,00	GPC-6, PC-10, PC-12, PC-8
3	Simulation in Supply Chains	E	4,00				4,00	GPC-6, PC-10, PC-12, PC-8
4	Supply chain forecasting and planning tools	E	4,00				4,00	GPC-6, PC-10, PC-12, PC-8
	Specialization Disciplines		15,00				15,00	
	Supply Chain Management Specialization Courses		12,00				12,00	
1	Global Supply Chain Management	E	3,00				3,00	PC-1, PC-2, PC-9
2	Transport solutions "Last Mile Delivery"	E	3,00				3,00	PC-1, PC-3, PC-9
3	Reverse Logistics	E	3,00				3,00	PC-1, PC-5, PC-9
4	Supply Chain Quality Management	E	3,00				3,00	PC-1, PC-13, PC-9
5	Cost Management in Supply Chains	E	3,00				3,00	PC-1, PC-12, PC-3
6	Client Service Management	E	3,00				3,00	PC-1, PC-17, PC-5
	Specialization Elective Online Discipline Supply Chains Management		3,00				3,00	
1	Scaling Operations: Linking Strategy and Execution	E	3,00				3,00	PC-1, PC-13, PC-2
2	Key Success Factors in Supply Chain Finance	E	3,00				3,00	PC-1, PC-12, PC-4

	Supply Chains Business Analytics Specialization Courses		12,00				12,00	
1	Decision-making methods in supply chains	C	3,00				3,00	PC-12, PC-15, PC-7
2	Business Priority Management	C	3,00				3,00	PC-11, PC-15, PC-7
3	Budgeting and Integrated Supply Chains Planning	C	3,00				3,00	PC-10, PC-6, PC-7
4	Supply Chain Reliability and Sustainability Management	C	3,00				3,00	PC-13, PC-15, PC-7
5	Predictive Analytics and Big Data in Supply Chains	C	3,00				3,00	PC-17, PC-7, PC-8
6	Data Analysis Methods and Tools	C	3,00				3,00	PC-12, PC-7, PC-8
	Elective Online Course: Supply Chains Business Analytics		3,00				3,00	
1	Financial & Business Modeling	E	3,00				3,00	PC-12, PC-7, PC-8
2	Data Visualization and Powerful Business Presentations	E	3,00				3,00	PC-13, PC-7, PC-8
	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-2, PC-1
2	Graduation Internship	C	2,00				2,00	PC-1, PC-11
	Project Internship		17,00	5,00	5,00	5,00	2,00	
1	Initiative Students' Projects	C	2,00				2,00	PC-9, UC-6
2	Курсовой проект: SWOT-анализ	C	5,00	5,00				GPC-4, UC-1, UC-4
3	Курсовой проект: бизнес-план	C	5,00		5,00			GPC-2, GPC-4, UC-9
4	Курсовой проект: консультационный проект	C	5,00			5,00		GPC-1, GPC-4, PC-1, UC-3, UC-6
	Research Internship		9,00				9,00	
1	Preparation of Graduation Thesis	C	9,00				9,00	GPC-3, PC-1, PC-11, PC-2, PC-6, PC-7, PC-9, UC-2, UC-9
	General Courses		14,00	9,00	1,00	4,00		
	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	8,00		4,00		
1	Legal Literacy	C	4,00			4,00		UC-10, UC-2
2	Elective General Courses	E	4,00	4,00				UC-6
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-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	Academic Writing in English (offered in a foreign language)	O	2,00			2,00	UC-4
2	English (offered in a foreign language)	O	14,00	8,00	6,00		UC-4
Data Culture			4,00		4,00		
1	Independent Programming Test. Intermediate	C					GPC-5
2	Independent Data Science Test. Intermediate	C	1,00		1,00		GPC-5
3	Introduction to Data Science	C	3,00		3,00		GPC-5
4	External Examinations on Digital Skills. Entry-level	C					GPC-5
5	External Examinations on Digital Skills. Intermediate Level	C					GPC-5
6	External Examinations on Digital Skills. Final Level	C					GPC-5
7	Independent Digital Literacy Test	C					GPC-5
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-3, UC-9

Curriculum agreed:

Academic Supervisor	GERAMI V.D.	11.05.2022
Dean	KATKALO V.S.	12.05.2022
Head of Centre for Educational Model Design	LEPESHKIN I.A.	18.05.2022

* Subject type:

Compulsory course	C
Elective course	E
Optional course	O