



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.01 Economics,
38.03.02 Management

Educational Programme "International Bachelor in Business and Economics"

Specializations: "Business Analytics", "Business Process Management", "Financial Analytics and Investment Management", "Financial Management", "HR Management and Personnel Economics", "Intreprenurship and Business Development", "Performance Management, Accounting and Audit", "Product Management and Marketing"

Implementing unit: -, HSE - Perm

APPROVED

01.06.2023

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		178,00	45,00	44,00	54,00	35,00	
	Core Professional Block (Major)		93,00	42,00	41,00	10,00		
	Stream disciplines		93,00	42,00	41,00	10,00		
	Business Administration		93,00	42,00	41,00	10,00		
	Block "Management"		29,00	10,00	13,00	6,00		
1	General Management	C	4,00	4,00				GPC-1.MAN, GPC-3.MAN, PC-7, PC-9, UC-1, UC-3
2	Organizational Behavior	C	3,00	3,00				GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, PC-9, UC-3
3	Marketing	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-7, UC-3
4	Human Resource Management	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, PC-9, UC-3
5	Entrepreneurship and Business Planning	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-7, UC-3
6	Management Decisions	C	4,00		4,00			GPC-2.MAN, PC-1, PC-2, PC-3, PC-4, UC-2, UC-9
7	Project Management	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-4, UC-1, UC-2, UC-9
8	Leadership and Teambuilding	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, UC-3

9	Business ethics and sustainable development (offered in a foreign language)	C	3,00	3,00				GPC-3.MAN, PC-6, PC-7, UC-10, UC-11, UC-3, UC-5
Block "Economics and Finance"			20,00	12,00	4,00	4,00		
1	Microeconomics I	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
2	Macroeconomics I	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
3	Financial Management	C	4,00			4,00		GPC-4.MAN, PC-4
4	Accounting	C	4,00		4,00			GPC-4.MAN, PC-4
Block "Mathematics and Analytics"			15,00	10,00	5,00			
1	Higher Mathematics	C	6,00	6,00				GPC-2.ECN, UC-1, UC-6
2	Probability Theory and Mathematical Statistics	C	5,00		5,00			GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
3	Business Statistics	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
Packet "Business"			23,00	10,00	13,00			
1	Organization Theory	C	5,00	5,00				GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, PC-9, UC-3
2	Operations and Process Management	C	5,00		5,00			GPC-6.ECN, PC-2, PC-4, UC-2
3	Logistics and Supply Chain Management	C	4,00		4,00			GPC-2.MAN, GPC-6.ECN, PC-2, PC-4, UC-2
4	Conflict Management	C	4,00		4,00			GPC-2.MAN, GPC-4.MAN, PC-3, PC-6, PC-7, UC-3, UC-6
5	Fundamentals of Strategic Analysis	C	5,00	5,00				GPC-2.MAN, PC-1, PC-10, PC-2, PC-4, PC-8
Packet "Basic Analytics"			6,00		6,00			
1	Game Theory	E	6,00		6,00			GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
2	Basics of econometrics	E	6,00		6,00			GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
Economics and Business: Double Degree			93,00	42,00	41,00	10,00		
Block "Management"			29,00	10,00	13,00	6,00		
1	Marketing	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-7, UC-3
2	Human Resource Management	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, PC-9, UC-3
3	Entrepreneurship and Business Planning	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-7, UC-3
4	Management Decisions	C	4,00		4,00			GPC-2.MAN, PC-1, PC-2, PC-3, PC-4, UC-2, UC-9
5	Project Management	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-4, UC-1, UC-2, UC-9
6	Leadership and Teambuilding	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, UC-3
7	Business ethics and sustainable development (offered in a foreign language)	C	3,00	3,00				GPC-3.MAN, PC-6, PC-7, UC-10, UC-11, UC-3, UC-5
8	General Management	C	4,00	4,00				GPC-1.MAN, GPC-3.MAN, PC-7, PC-9, UC-1, UC-3

9	Organizational Behavior	C	3,00	3,00			GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, PC-9, UC-3
	Block "Economics and Finance"		20,00	12,00	4,00	4,00	
1	Financial Management	C	4,00			4,00	GPC-4.MAN, PC-4
2	Accounting	C	4,00		4,00		GPC-4.MAN, PC-4
3	Microeconomics I	C	6,00	6,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
4	Macroeconomics I	C	6,00	6,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
	Block "Mathematics and Analytics"		15,00	10,00	5,00		
1	Probability Theory and Mathematical Statistics	C	5,00			5,00	GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
2	Higher Mathematics	C	6,00	6,00			GPC-2.ECN, UC-1, UC-6
3	Business Statistics	C	4,00	4,00			GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
	Packet "Economics"		10,00		10,00		
1	Microeconomics II	C	5,00			5,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
2	Macroeconomics II	C	5,00			5,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
	Packet "Advanced Analytics"		19,00	10,00	9,00		
1	Calculus	C	5,00	5,00			GPC-2.ECN, UC-1, UC-6
2	Linear Algebra	C	5,00	5,00			GPC-2.ECN, UC-1, UC-6
3	Basics of econometrics	C	5,00			5,00	GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
4	Game Theory	C	4,00			4,00	GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
	Economics and Financial Management		93,00	42,00	41,00	10,00	
	Block "Management"		12,00		6,00	6,00	
1	Project Management	C	3,00			3,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-4, UC-1, UC-2, UC-9
2	Marketing	C	3,00			3,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-7, UC-3
3	Entrepreneurship and Business Planning	C	3,00			3,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-7, UC-3
4	Leadership and Teambuilding	C	3,00			3,00	GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, UC-3
	Block "Economics and Finance"		37,00	22,00	11,00	4,00	
1	Theory of Finance	C	3,00	3,00			GPC-1.ECN, GPC-3.ECN, UC-1
2	Financial Decision Making	C	3,00	3,00			GPC-2.ECN, PC-2, UC-1, UC-2
3	Financial Management	C	4,00			4,00	GPC-4.MAN, PC-4
4	Accounting	C	4,00			4,00	GPC-4.MAN, PC-4
5	History of Economic Doctrines	C	4,00			4,00	UC-1, UC-5
6	Financial Analysis of a Company	C	3,00			3,00	GPC-1.ECN, GPC-2.ECN, GPC-3.ECN, PC-1, PC-2, PC-3, PC-4, UC-1, UC-2, UC-4

7	Financial culture	C	4,00	4,00				GPC-1.ECN, GPC-2.ECN, GPC-4.ECN, PC-1, PC-2, PC-3, PC-4, UC-1, UC-2, UC-6
8	Microeconomics I	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
9	Macroeconomics I	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
Block "Mathematics and Analytics"			15,00	10,00	5,00			
1	Probability Theory and Mathematical Statistics	C	5,00		5,00			GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
2	Higher Mathematics	C	6,00	6,00				GPC-2.ECN, UC-1, UC-6
3	Business Statistics	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
Packet "Economics"			10,00		10,00			
1	Microeconomics II	C	5,00		5,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
2	Macroeconomics II	C	5,00		5,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
Packet "Advanced Analytics"			19,00	10,00	9,00			
1	Basics of econometrics	C	5,00		5,00			GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
2	Game Theory	C	4,00		4,00			GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
3	Calculus	C	5,00	5,00				GPC-2.ECN, UC-1, UC-6
4	Linear Algebra	C	5,00	5,00				GPC-2.ECN, UC-1, UC-6
Elective Professional Block (Major)			85,00	3,00	3,00	44,00	35,00	
Research Seminars			12,00	3,00		3,00	6,00	
1	Research Seminar - 1	C	3,00			3,00		GPC-1.ECN, GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-5, PC-7, UC-3, UC-4, UC-6
2	Research Seminar - 2	C	6,00				6,00	GPC-1.ECN, GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-5, PC-7, UC-3, UC-4, UC-6
3	Research seminar "Information resources of a research project"	C	3,00	3,00				GPC-1.ECN, GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-5, PC-7, UC-3, UC-4, UC-6
Industry module			6,00				6,00	
Block "Understanding pharmaceuticals for building a future career" (together with Geropharm)			6,00				6,00	
1	Business development, research and licensing in pharmaceutical industry I (offered in a foreign language)	E	3,00				3,00	PC-10, PC-8, PC-9
2	Business development, research and licensing in pharmaceutical industry II (offered in a foreign language)	E	3,00				3,00	PC-10, PC-8, PC-9
Block "Understanding IT for building a future career" (together with Ozon)			6,00				6,00	
1	Digital business models, platform solutions and e-commerce (offered in a foreign language)	E	3,00				3,00	PC-10, PC-8, PC-9

2	Product management and customer development in IT (offered in a foreign language)	E	3,00			3,00	PC-10, PC-8, PC-9
	Block "Understanding retail for building a future career" (together with Lenta)		6,00			6,00	
1	Data governance challenges and opportunities in Retail (offered in a foreign language)	E	3,00			3,00	PC-10, PC-8, PC-9
2	Retail digital supply chain management (offered in a foreign language)	E	3,00			3,00	PC-10, PC-8, PC-9
	3rd Year Elective Courses		15,00			15,00	
1	Principles of Digital Economics	E	3,00		3,00		PC-2, PC-4, UC-1, UC-2, UC-6
2	Time Series	E	3,00		3,00		PC-2, PC-4, UC-1, UC-2, UC-6
3	International Trade (offered in a foreign language)	E	3,00		3,00		PC-2, PC-4, UC-1, UC-2, UC-6
4	Understanding Russian Economy. Problems of Transition	E	3,00		3,00		PC-2, PC-4, UC-1, UC-2, UC-6
5	Marketing Strategies (offered in a foreign language)	E	3,00		3,00		PC-2, PC-4, UC-1, UC-2, UC-6
6	Strategic Management	E	3,00		3,00		GPC-1.MAN, GPC-3.MAN, PC-3, PC-8, UC-2
	4th Year Elective Courses		8,00			8,00	
1	Risk Assessment Models	E	4,00		4,00		PC-2, PC-4, UC-1, UC-2, UC-6
2	New Global Business Models	E	4,00		4,00		PC-2, PC-4, UC-1, UC-2, UC-6
3	Human Resources Management Legal Basis	E	4,00		4,00		PC-2, PC-4, UC-1, UC-2, UC-6
	Specialization Courses		41,00			26,00	15,00
	Specialization "Management and economics of personnel in organizations"		41,00			26,00	15,00
1	Diagnostics and Personnel Assessment	C	3,00		3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.ECN
2	Personnel economics and labor market analysis	C	4,00		4,00		GPC-1.MAN, GPC-3.ECN, GPC-4.MAN, PC-8
3	Process modelling and development	C	4,00		4,00		GPC-1.MAN, GPC-3.MAN
4	Search and selection of personnel	C	3,00		3,00		GPC-1.MAN, GPC-3.MAN, PC-10, PC-2, PC-6
5	Change Management	C	4,00		4,00		GPC-1.MAN, PC-3, PC-6
6	Personnel Training and Development	C	4,00		4,00		GPC-1.MAN, GPC-3.MAN, PC-3, PC-6
7	Managing Talent	C	4,00		4,00		GPC-1.MAN, GPC-3.MAN, PC-6, PC-7
8	HR brand management and internal communications	C	5,00			5,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-6
9	Leadership and teamwork	C	5,00			5,00	GPC-1.MAN, GPC-3.MAN, PC-6, PC-7
10	HR-analytics	C	5,00			5,00	GPC-1.MAN, GPC-2.ECN, GPC-3.MAN, PC-10, PC-5, PC-6
	Specialization "Business Analytics"		41,00			26,00	15,00
1	Sampling methods	C	4,00		4,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
2	Data analysis in economics and business	C	4,00		4,00		GPC-2.MAN, GPC-4.MAN, PC-3
3	Microeconometrics	C	4,00		4,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
4	Time Series Analysis	C	4,00		4,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4

5	Applied Econometric Analysis	C	4,00			4,00		GPC-2.MAN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
6	Machin Learning and Forecasting	C	6,00			6,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
7	Dashboards and BI Data Visualisation	C	4,00				4,00	GPC-2.MAN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4, UC-1, UC-4
8	Industrial Organization	C	5,00				5,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, PC-8, UC-9
9	Business Process Simulation	C	6,00				6,00	GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-10, PC-4, PC-5
	Specialization "Financial Management"		41,00			26,00	15,00	
1	Corporate Finance	C	3,00			3,00		GPC-2.ECN, GPC-4.ECN, GPC-5.MAN, PC-1, PC-2
2	Fundamentals of International Business and Management	C	3,00			3,00		GPC-3.MAN, GPC-4.MAN, PC-8, PC-9
3	Business Valuation	C	3,00			3,00		GPC-2.ECN, GPC-4.ECN, PC-2
4	Credit risk management	C	3,00				3,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
5	Taxation of Individuals and Legal Entities	C	3,00			3,00		GPC-4.ECN, PC-4, UC-10
6	Financial Accounting and Reporting	C	3,00			3,00		GPC-4.ECN, PC-4
7	Management Accounting	C	3,00			3,00		GPC-4.ECN, PC-4
8	Data analysis in economics and business	C	5,00			5,00		GPC-2.ECN, GPC-4.ECN, PC-3
9	International Financial Reporting Standards	C	3,00			3,00		GPC-2.ECN, GPC-4.MAN, PC-4
10	Auditing and Assurance	C	3,00				3,00	GPC-2.ECN, GPC-4.ECN, PC-2
11	Valuation and investment analysis	C	6,00				6,00	GPC-1.MAN, GPC-2.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, PC-8, PC-9, UC-2
12	Financial Planning	C	3,00				3,00	GPC-4.MAN, PC-4
	Specialization "Product management and marketing"		41,00			26,00	15,00	
1	Product Management	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2
2	Digital Marketing	C	3,00			3,00		GPC-2.MAN, GPC-5.MAN, GPC-6.ECN, PC-10, PC-4
3	Market and target audience analysis	C	4,00			4,00		GPC-4.ECN, PC-3, PC-8
4	SMM, mobile marketing and analytics	C	6,00			6,00		GPC-1.MAN, GPC-3.MAN, GPC-4.ECN, PC-2, PC-3
5	Flexible project management methods	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-4
6	Client Development	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2, PC-7
7	Development of business models	C	4,00			4,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2
8	B2B Marketing	C	5,00				5,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2, PC-7
9	Sales and Customer Relationship Management	C	5,00				5,00	GPC-1.MAN, GPC-3.MAN, GPC-4.ECN, PC-2, PC-7

10	Data Science for Customer Analytics	C	5,00			5,00	GPC-2.MAN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
	Specialization "Business Process Management"		41,00		26,00	15,00	
1	Improving the Operational Efficiency of the Business	C	3,00		3,00		GPC-2.ECN, GPC-3.MAN, PC-2, PC-8
2	Industrial Management	C	3,00		3,00		GPC-3.ECN, GPC-4.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-2, PC-8, PC-9
3	Digital Business Transformation	C	4,00		4,00		GPC-3.MAN, GPC-4.MAN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-3
4	Modeling and optimization of business processes	C	3,00		3,00		GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-10, PC-4, PC-5
5	Logistics and Supply Chain Management	C	5,00		5,00		GPC-4.MAN, GPC-5.ECN, PC-3, PC-8, UC-2
6	Investment and Asset Management	C	6,00			6,00	GPC-1.MAN, GPC-2.ECN, GPC-3.ECN, GPC-4.MAN, PC-8, PC-9, UC-2
7	Operations Management	C	3,00			3,00	GPC-4.MAN, GPC-5.MAN, PC-3, PC-8, UC-2
8	B2B Marketing	C	6,00			6,00	GPC-2.MAN, GPC-4.ECN, GPC-6.ECN, PC-10, PC-3, PC-4, PC-5, PC-8, PC-9
9	Agile-management	C	4,00		4,00		GPC-4.MAN, GPC-6.ECN, PC-1, PC-10, PC-4, PC-7, UC-3
10	Business Information Systems	C	4,00		4,00		GPC-5.ECN, GPC-6.ECN, PC-10, PC-4, UC-1
	Specialization "Performance Management, Accounting and Audit"		41,00		26,00	15,00	
1	Corporate Finance	C	3,00		3,00		GPC-2.ECN, GPC-4.ECN, GPC-5.MAN, PC-1, PC-2
2	Taxation of Individuals and Legal Entities	C	4,00		4,00		GPC-4.ECN, PC-4, UC-10
3	Financial Accounting and Reporting	C	4,00		4,00		GPC-4.ECN, PC-4
4	Management Accounting	C	3,00		3,00		GPC-4.ECN, PC-4
5	Data analysis in economics and business	C	3,00		3,00		GPC-2.ECN, GPC-4.ECN, PC-3
6	International Financial Reporting Standards	C	3,00		3,00		GPC-2.ECN, GPC-4.MAN, PC-4
7	Financial Planning	C	3,00		3,00		GPC-4.MAN, PC-4
8	Tax accounting and planning	C	3,00		3,00		GPC-4.ECN, PC-4, UC-10
9	Auditing and Assurance	C	3,00			3,00	GPC-2.ECN, GPC-4.ECN, PC-2
10	Strategic analysis and consulting	C	3,00			3,00	GPC-2.MAN, GPC-3.MAN, PC-1, PC-6, PC-9
11	Modeling and optimization of business processes	C	3,00			3,00	GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-10, PC-4, PC-5
12	Valuation and investment analysis	C	6,00			6,00	GPC-1.MAN, GPC-2.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, PC-8, PC-9, UC-2
	Specialization "Financial analytics and investment management"		41,00		26,00	15,00	
1	Corporate Finance	C	4,00		4,00		GPC-2.ECN, GPC-4.ECN, GPC-5.ECN, PC-1, PC-2

2	Advanced Macroeconomics	C	4,00			4,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3, PC-8
3	Financial Markets Analysis	C	4,00			4,00		PC-10, PC-8, PC-9
4	Behavioral Finance	C	4,00			4,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3
5	Derivatives and financial engineering	C	3,00			3,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
6	Fundamentals of International Business and Management	C	3,00			3,00		GPC-3.MAN, GPC-4.MAN, PC-8, PC-9
7	Business Valuation	C	4,00			4,00		GPC-2.ECN, GPC-4.ECN, PC-2
8	Advanced Financial Analysis	C	6,00				6,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
9	Credit risk management	C	3,00				3,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
10	Econometrics of financial markets	C	6,00				6,00	GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
	Specialization "Entrepreneurship and Business Development"		41,00			26,00	15,00	
1	Technologies and Innovations: permissive changes management	C	3,00			3,00		GPC-4.MAN, PC-2, PC-3, PC-4, PC-8
2	Digital Business Transformation	C	3,00			3,00		GPC-4.MAN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-8
3	Business Information Systems	C	3,00			3,00		GPC-5.ECN, GPC-6.ECN, PC-10
4	Conflict Management and Negotiation Process	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, PC-6, PC-7
5	Modeling and optimization of business processes	C	3,00			3,00		GPC-1.MAN, GPC-2.ECN, GPC-3.MAN, PC-10, PC-4, PC-5
6	Development of business models	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2
7	Sales and Customer Relationship Management	C	4,00			4,00		GPC-1.MAN, GPC-3.MAN, GPC-4.ECN, PC-2, PC-7
8	Venture and Project Finance	C	4,00			4,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
9	Investment and Financial Analysis of Projects	C	5,00				5,00	GPC-1.MAN, GPC-2.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, PC-8, PC-9, UC-2
10	Startup Lab	C	5,00				5,00	GPC-1.ECN, PC-10, PC-2, PC-3, PC-4, PC-5, PC-9, UC-2
11	Performance Management	C	5,00				5,00	GPC-2.MAN, GPC-3.MAN, GPC-4.ECN, PC-3, PC-4, PC-5, PC-8, UC-3
	Project Seminars		3,00		3,00			
1	Project Seminar "Business Planning"	C	3,00		3,00			GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-4, PC-5, UC-2, UC-3, UC-4, UC-6
	Internship		31,00	2,00	2,00	6,00	21,00	
	Professional Internship		16,00				16,00	

1	Work Experience Internship	C	16,00				16,00	GPC-1.ECN, GPC-2.ECN, GPC-3.ECN, GPC-4.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4, PC-5
	Project Internship		8,00	2,00	2,00	2,00	2,00	
1	Project	C	2,00	2,00				GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-4, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
2	Course Project: Business Plan	C	2,00		2,00			GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-4, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
3	Project: Consulting project	C	2,00			2,00		GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-4, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
4	Project: Applied Project	C	2,00				2,00	GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-4, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
	Research Internship		7,00			4,00	3,00	
1	Preparation of Graduation Thesis	C	3,00				3,00	GPC-1.ECN, GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
2	Term Paper	C	4,00			4,00		GPC-1.ECN, GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
	General Courses		14,00	9,00	5,00			
	Core General Courses		2,00	1,00	1,00			
1	Physical Training	C	1,00		1,00			UC-7
2	Safe Living Basics	C	1,00	1,00				PC-6, UC-10, UC-8
	Optional General Courses		12,00	8,00	4,00			
1	Russian History	C	4,00		4,00			UC-5
2	Foundations of Russian Statehood	C	2,00	2,00				UC-5
3	Legal Literacy	C	3,00	3,00				UC-1, UC-10, UC-2
4	Philosophy	C	3,00	3,00				UC-1, UC-5
	English		1,00				1,00	
	Examinations		1,00				1,00	
1	Independent English Exam (offered in a foreign language)	C						PC-9, UC-4
2	Project Proposal (offered in a foreign language)	C	1,00				1,00	PC-9, UC-4
3	English Language Integrative Exam	C						PC-9, UC-4
	Optional Courses							
1	Academic English Writing (offered in a foreign language)	O	2,00				2,00	PC-9, UC-4
2	English (offered in a foreign language)	O	14,00	8,00	6,00			PC-9, UC-4
	Data Culture		13,00	4,00	9,00			
1	Digital Literacy	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4

2	Introduction to Python for Data Science	C	4,00		4,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
3	Data Analysis in Business	C	4,00		4,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
4	Independent Programming Test. Intermediate	C					GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
5	Independent Data Science Test. Intermediate	C	1,00		1,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
6	Independent Digital Literacy Test	C					GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
	Final State Certification (FSC)		3,00			3,00	
	Thesis Work		3,00			3,00	
1	Presenting of Graduation Thesis	C	3,00			3,00	GPC-1.ECN, GPC-2.ECN, GPC-3.ECN, GPC-4.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-10, 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	BELYKH S.A.	31.05.2023
Dean	ISOPESKUL O.Y.	31.05.2023
Deputy Director	ZAGORODNOVA E.P.	31.05.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	01.06.2023

* Subject type:

Compulsory course	C
Elective course	E
Optional course	O