



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: "Data-Driven Company", "Finance and Investments", "HR Management and Personnel Economics", "International Business",  
"Quantitative Economics"

Implementing unit: St. Petersburg School of Economics and Management, HSE, HSE - Saint Petersburg

Years of Study: 2023/2024 - 2026/2027

Length of Programme: 4 years

Mode of Study: Full Time

Degree: Bachelor's degree

APPROVED

23.05.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

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		185,00	47,00	53,00	56,00	29,00	
	Core Professional Block (Major)		98,00	45,00	48,00	5,00		
	Обязательные дисциплины программы		34,00	6,00	23,00	5,00		
1	Econometrics (offered in a foreign language)	C	5,00			5,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
2	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
3	General Management (offered in a foreign language)	C	3,00	3,00				GPC-1.MAN, GPC-3.MAN, PC-7, PC-9, UC-1, UC-3
4	Marketing (offered in a foreign language)	C	4,00		4,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-7, UC-3
5	Microeconomics III (offered in a foreign language)	C	4,00		4,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-9
6	Microeconomics II (offered in a foreign language)	C	6,00		6,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-9
7	Organizational Behavior (offered in a foreign language)	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, PC-6, PC-7, PC-9, UC-3
8	Project Management (offered in a foreign language)	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-4, UC-1, UC-2, UC-9
9	Entrepreneurship (offered in a foreign language)	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-7, UC-3
	Mandatory Stream disciplines		64,00	39,00	25,00			
	Compulsory disciplines of the English-speaking stream		64,00	39,00	25,00			

1	Microeconomics I (offered in a foreign language)	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
2	Introduction to Macroeconomics (offered in a foreign language)	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
3	Economic Statistics (offered in a foreign language)	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
4	Linear Algebra (offered in a foreign language)	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
5	Principles of Accounting (offered in a foreign language)	C	3,00	3,00				GPC-4.MAN, PC-4
6	Mathematics.Mathematical Analysis I (offered in a foreign language)	C	6,00	6,00				GPC-2.ECN, UC-1, UC-6
7	Mathematics.Mathematical Analysis II (offered in a foreign language)	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
8	Methods of Optimization (offered in a foreign language)	C	4,00		4,00			GPC-2.MAN, PC-1, PC-2, PC-3, PC-4, UC-2, UC-9
9	Applied Statistics (offered in a foreign language)	C	3,00		3,00			GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
10	Theory of Probability and Mathematical Statistics (offered in a foreign language)	C	6,00		6,00			GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
11	Game Theory (offered in a foreign language)	C	4,00		4,00			GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
12	Theory of Finance (offered in a foreign language)	C	5,00		5,00			GPC-4.MAN, PC-4
13	Economics of the Firm (offered in a foreign language)	C	3,00		3,00			GPC-1.ECN, GPC-4.ECN, UC-9
	<b>Mandatory disciplines of the Russian-speaking stream</b>		<b>64,00</b>	<b>39,00</b>	<b>25,00</b>			
1	Principles of Accounting	C	3,00	3,00				GPC-4.MAN, PC-4
2	Microeconomics I	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
3	Introduction to Macroeconomics	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-1, UC-2, UC-9
4	Economic Statistics	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
5	Linear Algebra	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
6	Mathematics.Mathematical Analysis I	C	6,00	6,00				GPC-2.ECN, UC-1, UC-6
7	Mathematics.Mathematical Analysis II	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
8	Methods of Optimization	C	4,00		4,00			GPC-2.MAN, PC-1, PC-2, PC-3, PC-4, UC-2, UC-9
9	Applied Statistics	C	3,00		3,00			GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
10	Theory of Probability and Mathematical Statistics	C	6,00		6,00			GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
11	Game Theory	C	4,00		4,00			GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
12	Theory of Finance	C	5,00		5,00			GPC-4.MAN, UC-4
13	Economics of the Firm	C	3,00		3,00			GPC-1.ECN, GPC-4.ECN, UC-9
	<b>Elective Professional Block (Major)</b>		<b>87,00</b>	<b>2,00</b>	<b>5,00</b>	<b>51,00</b>	<b>29,00</b>	
	<b>Дисциплины специализаций</b>		<b>43,00</b>			<b>26,00</b>	<b>17,00</b>	
	<b>Specialization "Quantitative Economics"</b>		<b>43,00</b>			<b>26,00</b>	<b>17,00</b>	
1	Panel Data (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4

2	Applied Microeconometrics (offered in a foreign language)	C	3,00			3,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-10
3	Theory of finance-II (offered in a foreign language)	C	5,00			5,00		GPC-4.ECN, PC-4
4	Economic Mechanism Design (offered in a foreign language)	C	4,00				4,00	GPC-3.ECN, PC-1, PC-2
5	Two-Sided Markets (offered in a foreign language)	C	4,00			4,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
6	Empirical Industrial Markets (offered in a foreign language)	C	5,00				5,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, PC-8
7	Machine Learning for Business II (offered in a foreign language)	C	3,00				3,00	GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
8	Industrial Organization Theory (offered in a foreign language)	C	6,00			6,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3, PC-8
9	Business Intelligence Tools (offered in a foreign language)	C	5,00			5,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-2, PC-5, PC-7
10	Strategic finance and risks	C	5,00				5,00	GPC-3.ECN, GPC-4.ECN, PC-2
	Specialization "International Business and Sustainable Development"		43,00			26,00	17,00	
1	International Trade (offered in a foreign language)	C	3,00			3,00		GPC-2.MAN, GPC-3.MAN, PC-1, PC-6
2	Logistics and Supply Chain Management (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-6.ECN, PC-1, PC-2, PC-9
3	Financial Management (offered in a foreign language)	C	5,00			5,00		GPC-1.MAN, GPC-3.MAN, PC-6
4	Business Information Systems (offered in a foreign language)	C	5,00				5,00	GPC-2.MAN, GPC-3.MAN, PC-1, PC-2
5	International Business (offered in a foreign language)	C	3,00			3,00		GPC-2.MAN, GPC-4.MAN, PC-3, PC-4
6	International Marketing (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-4.MAN, GPC-6.ECN, PC-4, PC-8
7	Innovation Management (offered in a foreign language)	C	3,00				3,00	GPC-2.MAN, GPC-3.MAN, PC-3, PC-4, PC-5, PC-8
8	Sales and negotiations (offered in a foreign language)	C	3,00				3,00	GPC-2.MAN, GPC-3.MAN, PC-1, PC-6, PC-9
9	Risk Management (offered in a foreign language)	C	3,00				3,00	GPC-2.MAN, GPC-4.ECN, GPC-5.ECN, PC-1, PC-2, PC-3
10	Business Analytics as a Tool for Effective Management (offered in a foreign language)	C	3,00				3,00	GPC-2.MAN, GPC-4.MAN, PC-5, PC-6, PC-8
11	World Economics and International Affairs (offered in a foreign language)	C	3,00			3,00		UC-2
12	Digital Business Transformation (offered in a foreign language)	C	3,00			3,00		GPC-2.MAN, GPC-3.MAN, GPC-4.MAN, PC-1, PC-3, PC-4, PC-6
13	Operations and Process Management (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, GPC-4.ECN, PC-3, PC-4
	Specialization "Finance and investment"		43,00			26,00	17,00	

1	The Principles of IFRS (offered in a foreign language)	C	3,00			3,00	GPC-2.MAN, GPC-3.MAN, PC-4, PC-6, PC-7
2	Financial analysis and modeling (offered in a foreign language)	C	5,00		5,00		GPC-1.ECN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-4
3	Investment Management (offered in a foreign language)	C	3,00		3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
4	Panel Data (offered in a foreign language)	C	3,00		3,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3, PC-8
5	Derivatives and financial engineering (offered in a foreign language)	C	4,00			4,00	GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
6	Principles of Accounting II (offered in a foreign language)	C	3,00		3,00		GPC-2.ECN, GPC-4.ECN, GPC-5.ECN, PC-1, PC-2
7	Financial Markets Analysis (offered in a foreign language)	C	3,00			3,00	GPC-2.ECN, GPC-4.ECN, PC-10, PC-8, PC-9
8	Corporate Finance (offered in a foreign language)	C	4,00			4,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
9	Business Valuation (offered in a foreign language)	C	3,00		3,00		GPC-2.ECN, GPC-4.ECN, PC-2
10	Management Accounting (offered in a foreign language)	C	3,00		3,00		GPC-2.MAN, GPC-5.MAN, PC-10, PC-4
11	Performance Management (offered in a foreign language)	C	3,00		3,00		GPC-1.ECN, GPC-2.MAN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-2
12	Tax Management (offered in a foreign language)	C	3,00			3,00	GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
13	Applied industry analysis (offered in a foreign language)	C	3,00		3,00		GPC-3.MAN, PC-8, PC-9
	Specialization "Management of the company based on data"		43,00		26,00	17,00	
1	Digital Business Transformation	C	3,00			3,00	GPC-1.MAN, GPC-3.MAN, GPC-6.ECN, PC-1, PC-2, PC-9
2	Analysis and Modeling of Business Processes	C	3,00		3,00		GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-10, PC-4, PC-5
3	SQL for data analysis	C	3,00			3,00	GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2
4	Business Information Systems	C	6,00		6,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
5	BI systems and data visualization	C	6,00		6,00		GPC-5.MAN, GPC-6.ECN, PC-10, PC-8
6	Machine Learning for Business II	C	4,00			4,00	GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
7	Valuation and management of intellectual property (offered in a foreign language)	C	4,00			4,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-1, PC-3, PC-4, PC-6
8	Enterprise management in a competitive environment (offered in a foreign language)	C	3,00		3,00		GPC-2.MAN, GPC-3.MAN, GPC-4.MAN, PC-4, PC-7
9	Supply Chain Management (offered in a foreign language)	C	3,00			3,00	GPC-3.MAN, PC-8, PC-9
10	Financial Analysis Practices (offered in a foreign language)	C	4,00		4,00		PC-3, PC-5

11	Business Intelligence cases (offered in a foreign language)	C	4,00			4,00		PC-2, PC-4
	Обязательные дисциплины программы		14,00	2,00	2,00	7,00	3,00	
1	Project Seminar "SWOT Analysis" (offered in a foreign language)	C	2,00	2,00				GPC-2.ECN, GPC-4.ECN, UC-3
2	Research Seminar I (offered in a foreign language)	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-3, UC-4, UC-6
3	Research Seminar II (offered in a foreign language)	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
4	Project Seminar "Business Plan" (offered in a foreign language)	C	2,00		2,00			GPC-3.MAN, GPC-4.ECN, PC-4, PC-7, PC-8, UC-2, UC-3
5	Artificial intelligence and generative models (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
	Elective courses 2 year		3,00		3,00			
1	Dynamic systems in the economy	E	3,00		3,00			GPC-2.ECN, PC-2, UC-2
2	Introduction into Financial Economics (offered in a foreign language)	E	3,00		3,00			GPC-4.ECN, PC-9
3	Введение в международный бизнес (offered in a foreign language)	E	3,00		3,00			GPC-4.MAN, PC-9
4	Practices of Business Analysis	E	3,00		3,00			GPC-2.MAN, GPC-3.MAN, PC-1, PC-2, UC-1
	Elective Courses		12,00			6,00	6,00	
	Pool "Finance"		12,00			6,00	6,00	
1	Performance Management (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, GPC-6.ECN, PC-10, PC-2, PC-4, PC-8
2	Management Accounting (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, PC-2, PC-4, UC-1, UC-2, UC-6
3	Tax Management (offered in a foreign language)	C	3,00				3,00	GPC-2.MAN, GPC-4.ECN, PC-2, PC-3, PC-4, PC-7, UC-1
4	The Principles of IFRS (offered in a foreign language)	C	3,00				3,00	GPC-1.ECN, GPC-2.ECN, GPC-4.ECN, PC-1, PC-2, PC-4
	Pool "Marketing"		12,00			6,00	6,00	
1	Customer Analytics (offered in a foreign language)	C	3,00			3,00		PC-2, PC-4, UC-1, UC-2, UC-6
2	Marketing Research (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.ECN, PC-2, PC-3, PC-5
3	Digital Marketing (offered in a foreign language)	C	3,00				3,00	GPC-1.MAN, GPC-3.MAN, PC-3, PC-6
4	Branding (offered in a foreign language)	C	3,00				3,00	GPC-2.ECN, GPC-3.ECN, PC-10, PC-3, PC-4
	Cart "Company Management Based on Data"		12,00			6,00	6,00	
1	BI systems and data visualization (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-2.MAN, PC-2, PC-7
2	Analysis and Modeling of Business Processes (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-4.ECN, PC-2, PC-3, PC-4

3	SQL for data analysis (offered in a foreign language)	C	3,00				3,00	PC-5, PC-6, UC-2, UC-3
4	Financial analysis and modeling (offered in a foreign language)	C	3,00				3,00	GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-1, PC-4, PC-6, PC-7
	Basket "Second foreign language" (Spanish)		12,00			6,00	6,00	
1	Second Foreign Language (Spanish) (offered in a foreign language)	C	6,00			6,00		UC-3, UC-5, UC-6
2	Второй иностранный язык (испанский) (базовый уровень) (offered in a foreign language)	C	6,00				6,00	UC-3, UC-5, UC-6
	Basket "Second foreign language" (Korean language)		12,00			6,00	6,00	
1	Второй иностранный язык (корейский язык) (offered in a foreign language)	C	6,00			6,00		UC-3, UC-5, UC-6
2	Второй иностранный язык (корейский) (углубленный уровень) (offered in a foreign language)	C	6,00				6,00	UC-3, UC-5, UC-6
	Basket "Second foreign language" (Chinese)		12,00			6,00	6,00	
1	Second Foreign Language (Chinese) (offered in a foreign language)	C	6,00			6,00		UC-3, UC-5, UC-6
2	Второй иностранный язык (китайский) (углубленный уровень) (offered in a foreign language)	C	6,00				6,00	UC-3, UC-5, UC-6
	Disciplines of the directions		15,00			12,00	3,00	
	The direction of Economics		15,00			12,00	3,00	
1	Behavioral and Experimental Economics and Finance (offered in a foreign language)	C	3,00			3,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3
2	Machine Learning for Business I (offered in a foreign language)	C	3,00				3,00	GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
3	Macroeconomics II (offered in a foreign language)	C	6,00			6,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3, PC-8
4	Time Series (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
	The direction of Management		15,00			12,00	3,00	
1	Strategic Management (offered in a foreign language)	C	6,00			6,00		GPC-2.MAN, GPC-3.MAN, GPC-4.MAN, PC-1, PC-3, PC-4, PC-6
2	Human Resource Management (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2
3	Leadership (offered in a foreign language)	C	3,00				3,00	GPC-2.MAN, GPC-3.MAN, PC-3, PC-4
4	Management Decisions (offered in a foreign language)	C	3,00			3,00		GPC-3.MAN, PC-8, PC-9
	Internship		30,00	2,00	2,00	3,00	23,00	
	Professional Internship		10,00				10,00	
1	Work Experience Internship (offered in a foreign language)	C	10,00				10,00	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		4,00	2,00	2,00			

1	Course Project (offered in a foreign language)	C	2,00	2,00				GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-2, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
2	Course project "Business plan" (offered in a foreign language)	C	2,00		2,00			GPC-1.ECN, GPC-5.ECN, GPC-6.ECN, PC-2, PC-5, PC-7, UC-2, UC-3, UC-4, UC-6
	<b>Research Internship</b>		<b>16,00</b>			<b>3,00</b>	<b>13,00</b>	
1	Preparation of Graduation Thesis (offered in a foreign language)	C	13,00				13,00	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 (offered in a foreign language)	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
	<b>General Courses</b>		<b>11,00</b>	<b>6,00</b>	<b>1,00</b>		<b>4,00</b>	
	<b>Core General Courses</b>		<b>2,00</b>	<b>1,00</b>	<b>1,00</b>			
1	Physical Training (offered in a foreign language)	C	1,00		1,00			UC-7
2	Safe Living Basics (offered in a foreign language)	C	1,00	1,00				PC-6, UC-10, UC-8
	<b>Optional General Courses</b>		<b>9,00</b>	<b>5,00</b>			<b>4,00</b>	
1	Legal Literacy	E	3,00	3,00				UC-1, UC-10, UC-2
2	Russian History (offered in a foreign language)	C	4,00				4,00	UC-1, UC-5
3	Law (offered in a foreign language)	E	3,00	3,00				UC-1, UC-10, UC-2
4	Foundations of Russian Statehood (offered in a foreign language)	E	2,00	2,00				UC-1, UC-5
5	Foundations of Russian Statehood	E	2,00	2,00				UC-1, UC-5
	<b>English</b>		<b>1,00</b>				<b>1,00</b>	
	<b>Examinations</b>		<b>1,00</b>				<b>1,00</b>	
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 (offered in a foreign language)	C						PC-9, UC-4
	<b>Optional Courses</b>							
1	English (offered in a foreign language)	O	14,00	8,00	6,00			PC-9, UC-4
2	Academic writing in English (offered in a foreign language)	O	2,00				2,00	PC-9, UC-4
	<b>Data Culture</b>		<b>10,00</b>	<b>5,00</b>	<b>4,00</b>	<b>1,00</b>		
1	Independent Digital Literacy Test (offered in a foreign language)	C						GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
2	Digital Literacy (offered in a foreign language)	C	5,00	5,00				GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
3	Introduction to Python for Data Science (offered in a foreign language)	C	4,00		4,00			GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
4	Independent Programming Test. Intermediate (offered in a foreign language)	C						GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10

5	External Examinations on Digital Skills. Entry-level (offered in a foreign language)	C					GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
6	External Examinations on Digital Skills. Intermediate Level (offered in a foreign language)	C					GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
7	External Examinations on Digital Skills. Final Level (offered in a foreign language)	C					GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
8	Data Science, AI and Generative Models Independent Test. Intermediate	C	1,00			1,00	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

**Curriculum agreed:**

Academic Supervisor	KRAKOVICH V.V.	18.05.2023
Dean	LEZINA T.A.	19.05.2023
Deputy Director	KUZMIN P.V.	19.05.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	22.05.2023

\* Subject type:

Compulsory course	C
Elective course	E
Optional course	O