



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", "Financial Analytics and Investment Management", "HR Management and Personnel Economics",  
"International Business and Sustainable Development", "Quantitative Economics and Econometrics"

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		179,00	47,00	53,00	48,00	31,00	
	Core Professional Block (Major)		93,00	45,00	48,00			
	Обязательные дисциплины программы		29,00	6,00	23,00			
1	Microeconomics III (offered in a foreign language)	C	4,00		4,00			GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-9
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	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
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	Entrepreneurship (offered in a foreign language)	C	3,00		3,00			GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-7, UC-3
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	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
8	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
	Mandatory Stream disciplines		64,00	39,00	25,00			
	Compulsory disciplines of the English-speaking stream		64,00	39,00	25,00			
1	Theory of Finance (offered in a foreign language)	C	5,00		5,00			GPC-4.MAN, PC-4

2	Economics of the Firm (offered in a foreign language)	C	3,00		3,00			GPC-1.ECN, GPC-4.ECN, UC-9
3	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
4	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
5	Economic Statistics (offered in a foreign language)	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
6	Applied Statistics (offered in a foreign language)	E	3,00		3,00			GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
7	Linear Algebra (offered in a foreign language)	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
8	Probability Theory and Mathematical Statistics (offered in a foreign language)	C	6,00		6,00			GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
9	Game Theory (offered in a foreign language)	C	4,00		4,00			GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
10	Principles of Accounting (offered in a foreign language)	C	3,00	3,00				GPC-4.MAN, PC-4
11	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
12	Mathematics.Mathematical Analysis I (offered in a foreign language)	C	6,00	6,00				GPC-2.ECN, UC-1, UC-6
13	Mathematics.Mathematical Analysis II (offered in a foreign language)	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
	<b>Mandatory disciplines of the Russian-speaking stream</b>		<b>64,00</b>	<b>39,00</b>	<b>25,00</b>			
1	Applied Statistics	C	3,00		3,00			GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
2	Principles of Accounting	C	3,00	3,00				GPC-4.MAN, PC-4
3	Economics of the Firm	C	3,00		3,00			GPC-1.ECN, GPC-4.ECN, UC-9
4	Microeconomics I	C	6,00	6,00				GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, UC-1, UC-9
5	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
6	Economic Statistics	C	4,00	4,00				GPC-2.ECN, GPC-5.ECN, PC-4, UC-6
7	Linear Algebra	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
8	Probability Theory and Mathematical Statistics	C	6,00		6,00			GPC-2.ECN, PC-1, PC-2, UC-1, UC-6
9	Game Theory	C	4,00		4,00			GPC-3.ECN, PC-1, PC-2, UC-2, UC-9
10	Methods of Optimization	C	4,00		4,00			GPC-2.MAN, PC-1, PC-2, PC-3, PC-4, UC-2, UC-9
11	Mathematics.Mathematical Analysis I	C	6,00	6,00				GPC-2.ECN, UC-1, UC-6
12	Mathematics.Mathematical Analysis II	C	7,00	7,00				GPC-2.ECN, UC-1, UC-6
13	Theory of Finance	C	5,00		5,00			GPC-4.MAN, UC-4
	<b>Elective Professional Block (Major)</b>		<b>86,00</b>	<b>2,00</b>	<b>5,00</b>	<b>48,00</b>	<b>31,00</b>	
	<b>Дисциплины специализаций</b>		<b>61,00</b>			<b>39,00</b>	<b>22,00</b>	
	<b>Specialization "Economics and Data Science"</b>		<b>61,00</b>			<b>39,00</b>	<b>22,00</b>	
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	Panel Data (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4

3	Public Economics (offered in a foreign language)	C	3,00			3,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, UC-10
4	Theory of finance-II (offered in a foreign language)	C	6,00		6,00		GPC-4.ECN, PC-4
5	Economic Mechanism Design (offered in a foreign language)	C	6,00			6,00	GPC-3.ECN, PC-1, PC-2
6	Two-Sided Markets (offered in a foreign language)	C	6,00		6,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
7	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
8	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
9	Theory and empiricism of industry markets (offered in a foreign language)	C	7,00			7,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-3, PC-8
10	Time Series (offered in a foreign language)	C	3,00		3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
11	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
12	Risk Assessment Models (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
13	Modern tools and technologies in economic applications (offered in a foreign language)	C	6,00		6,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-2, PC-5, PC-7
	<b>Specialization "International Business and Sustainable Development"</b>		<b>61,00</b>		<b>39,00</b>	<b>22,00</b>	
1	International Trade (offered in a foreign language)	C	3,00		3,00		GPC-2.MAN, GPC-3.MAN, PC-1, PC-6
2	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
3	Human Resource Management (offered in a foreign language)	C	3,00		3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-2
4	Leadership (offered in a foreign language)	C	3,00			3,00	GPC-2.MAN, GPC-3.MAN, PC-3, PC-4
5	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
6	International Business in the East Asia (offered in a foreign language)	C	4,00			4,00	GPC-1.MAN, GPC-3.MAN, PC-6
7	Business Information Systems (offered in a foreign language)	C	6,00		6,00		GPC-2.MAN, GPC-3.MAN, PC-1, PC-2
8	Analysis and Modeling of Business Processes (offered in a foreign language)	C	3,00		3,00		GPC-2.MAN, GPC-4.MAN, PC-3, PC-4
9	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
10	Innovation Management (offered in a foreign language)	C	5,00			5,00	GPC-2.MAN, GPC-3.MAN, PC-3, PC-4, PC-5, PC-8
11	Intercultural Communications (offered in a foreign language)	C	4,00			4,00	GPC-2.MAN, GPC-3.MAN, PC-1, PC-6, PC-9
12	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

13	Corporate Governance (offered in a foreign language)	C	6,00			6,00	GPC-2.MAN, GPC-4.MAN, PC-5, PC-6, PC-8
14	Management Decisions (offered in a foreign language)	C	3,00		3,00		GPC-3.MAN, PC-8, PC-9
15	World Politics and International Relations (offered in a foreign language)	C	6,00		6,00		UC-2
	<b>Specialization "Finance and investment"</b>		<b>61,00</b>		<b>39,00</b>	<b>22,00</b>	
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	Behavioral and Experimental Economics (offered in a foreign language)	C	3,00		3,00		GPC-1.ECN, GPC-3.MAN, GPC-4.MAN, PC-3, PC-4
3	Machine Learning for Business I (offered in a foreign language)	C	3,00			3,00	GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
4	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
5	Time Series (offered in a foreign language)	C	3,00		3,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
6	Financial analysis and modeling (offered in a foreign language)	C	6,00		6,00		GPC-2.ECN, GPC-4.ECN, GPC-5.ECN, PC-1, PC-2
7	Financial Markets Analysis (offered in a foreign language)	C	5,00		5,00		GPC-2.ECN, GPC-4.ECN, PC-10, PC-8, PC-9
8	Risk Assessment Models (offered in a foreign language)	C	4,00		4,00		GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
9	Quantitative Finance (offered in a foreign language)	C	5,00			5,00	GPC-1.ECN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-3
10	Investments and business valuation (offered in a foreign language)	C	6,00			6,00	GPC-2.ECN, GPC-4.ECN, PC-2
11	Management Accounting (offered in a foreign language)	C	4,00		4,00		GPC-2.MAN, GPC-5.MAN, PC-10, PC-4
12	Performance Management (offered in a foreign language)	C	5,00			5,00	GPC-1.ECN, GPC-2.MAN, GPC-3.ECN, GPC-4.ECN, PC-1, PC-2
13	Tax Management (offered in a foreign language)	C	4,00		4,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
14	Management Decisions (offered in a foreign language)	C	4,00		4,00		GPC-3.MAN, PC-8, PC-9
	<b>Specialization "Management of the company based on data"</b>		<b>61,00</b>		<b>39,00</b>	<b>22,00</b>	
1	Leadership (offered in a foreign language)	C	3,00			3,00	GPC-2.MAN, GPC-3.MAN, PC-3, PC-4
2	Human Resource Management (offered in a foreign language)	C	3,00		3,00		GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-4
3	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
4	Digital Business Transformation (offered in a foreign language)	C	6,00		6,00		GPC-1.MAN, GPC-3.MAN, GPC-6.ECN, PC-1, PC-2, PC-9
5	Analysis and Modeling of Business Processes (offered in a foreign language)	C	3,00		3,00		GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-10, PC-4, PC-5

6	SQL for data analysis (offered in a foreign language)	C	3,00			3,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-1, PC-2
7	Business Information Systems (offered in a foreign language)	C	6,00			6,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10, PC-4
8	Quality Management (offered in a foreign language)	C	3,00			3,00		GPC-1.MAN, GPC-3.MAN, PC-10, PC-2, PC-8
9	BI systems and data visualization (offered in a foreign language)	C	3,00			3,00		GPC-5.MAN, GPC-6.ECN, PC-10, PC-8
10	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
11	Valuation and management of intellectual property (offered in a foreign language)	C	5,00				5,00	GPC-1.MAN, GPC-3.MAN, GPC-4.MAN, PC-1, PC-3, PC-4, PC-6
12	Enterprise management in a competitive environment (offered in a foreign language)	C	5,00				5,00	GPC-2.MAN, GPC-3.MAN, GPC-4.MAN, PC-4, PC-7
13	Management Decisions (offered in a foreign language)	C	3,00			3,00		GPC-3.MAN, PC-8, PC-9
14	Financial Analysis (offered in a foreign language)	C	3,00			3,00		PC-3, PC-5
15	Product Analytics (offered in a foreign language)	C	6,00				6,00	PC-2, PC-4
	<b>Обязательные дисциплины программы</b>		<b>10,00</b>	<b>2,00</b>	<b>2,00</b>	<b>3,00</b>	<b>3,00</b>	
1	Project Seminar "SWOT Analysis" (offered in a foreign language)	C	2,00	2,00				GPC-2.ECN, GPC-4.ECN, UC-3
2	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
3	Research Seminar I (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	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
	<b>Elective courses 2 year</b>		<b>3,00</b>		<b>3,00</b>			
1	Dynamic systems in the economy	E	3,00			3,00		GPC-2.ECN, PC-2, UC-2
2	Practices of Business Analysis	E	3,00			3,00		GPC-2.MAN, GPC-3.MAN, PC-1, PC-2, UC-1
3	Introduction to International Business (offered in a foreign language)	E	3,00			3,00		GPC-4.MAN, PC-9
4	Introduction into Financial Economics (offered in a foreign language)	E	3,00			3,00		GPC-4.ECN, PC-9
	<b>Elective Courses</b>		<b>12,00</b>			<b>6,00</b>	<b>6,00</b>	
	<b>Pool "Finance"</b>		<b>12,00</b>			<b>12,00</b>		
1	Financial analysis and modeling	E	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)	E	3,00			3,00		GPC-2.ECN, PC-2, PC-4, UC-1, UC-2, UC-6
3	Investments and business valuation (offered in a foreign language)	E	3,00			3,00		GPC-2.MAN, GPC-4.ECN, PC-2, PC-3, PC-4, PC-7, UC-1

4	Financial Markets Analysis (offered in a foreign language)	E	3,00			3,00		GPC-1.ECN, GPC-2.ECN, GPC-4.ECN, PC-1, PC-2, PC-4
Pool "Marketing"			12,00			12,00		
1	Market Analysis (offered in a foreign language)	E	3,00			3,00		PC-2, PC-4, UC-1, UC-2, UC-6
2	Marketing Research (offered in a foreign language)	E	3,00			3,00		GPC-1.MAN, GPC-3.MAN, GPC-4.ECN, PC-2, PC-3, PC-5
3	Product Management (offered in a foreign language)	E	3,00			3,00		GPC-1.MAN, GPC-3.MAN, PC-3, PC-6
4	SMM, mobile marketing and analytics (offered in a foreign language)	E	3,00			3,00		GPC-2.ECN, GPC-3.ECN, PC-10, PC-3, PC-4
Pool "Human Resources"			12,00			12,00		
1	Diagnostics and Personnel Assessment (offered in a foreign language)	E	3,00			3,00		GPC-1.MAN, GPC-2.MAN, PC-2, PC-7
2	Change Management (offered in a foreign language)	E	3,00			3,00		GPC-1.MAN, GPC-4.ECN, PC-2, PC-3, PC-4
3	Personnel Training and Development (offered in a foreign language)	E	3,00			3,00		PC-5, PC-6, UC-2, UC-3
4	Personnel economics and labor market analysis (offered in a foreign language)	E	3,00			3,00		GPC-1.MAN, GPC-2.MAN, GPC-3.MAN, PC-1, PC-4, PC-6, PC-7
Internship			30,00	2,00	2,00	5,00	21,00	
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
Research Internship			16,00			5,00	11,00	
1	Preparation of Graduation Thesis (offered in a foreign language)	C	11,00				11,00	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	5,00			5,00		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			11,00	6,00	1,00		4,00	
Core General Courses			2,00	1,00	1,00			
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
Optional General Courses			9,00	5,00			4,00	
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
	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 (offered in a foreign language)	C						PC-9, UC-4
	Optional Courses							
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
	Data Culture		16,00	5,00	4,00	7,00		
1	Econometrics (offered in a foreign language)	C	6,00			6,00		GPC-2.ECN, GPC-5.ECN, PC-10, PC-4
2	Independent Programming Test. Intermediate (offered in a foreign language)	C						GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
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 Data Science Test. Intermediate	C	1,00			1,00		GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
5	Independent Digital Literacy Test (offered in a foreign language)	C						GPC-2.ECN, GPC-5.ECN, GPC-6.ECN, PC-10
6	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
	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	KATKALO V.S.	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