



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.01 Economics  
Educational Programme "Economics"

Specializations: "Business Analytics and Applied Economics", "Corporate Finance: Analytics, Investments, Value"

Implementing unit: -, HSE - Perm

APPROVED  
02.04.2021  
Vice Rector  
ROSHCHIN S.Y.  
Signed with EDS

Years of Study: 2021/2022 - 2024/2025

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		158,00	47,00	31,00	39,00	41,00	
	Core Professional Block (Major)		56,00	33,00	13,00	10,00		
	Subject Areas		56,00	33,00	13,00	10,00		
	Mathematical Analysis		12,00	12,00				
1	Calculus	C	12,00	12,00				GPC-3, UC-1, UC-2
	Linear Algebra		5,00	5,00				
1	Linear Algebra	C	5,00	5,00				GPC-3, UC-1, UC-2
	Probability Theory and Mathematical Statistics		9,00	5,00	4,00			
1	Probability Theory and Statistics	C	9,00	5,00	4,00			GPC-3, UC-1, UC-2
	Microeconomics		10,00	6,00	4,00			
1	Microeconomics - 1	C	6,00	6,00				GPC-2, GPC-3, PC-1, UC-1, UC-2
2	Microeconomics - 2	C	4,00		4,00			GPC-2, GPC-3, PC-1, UC-1, UC-2
	Macroeconomics		10,00	5,00	5,00			
1	Macroeconomics - 1	C	5,00	5,00				GPC-2, GPC-3, PC-3, UC-1, UC-2
2	Macroeconomics 2 (offered in a foreign language)	C	5,00		5,00			GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-4
	Econometrics		10,00			10,00		
1	Elements of Econometrics	C	10,00			10,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
	Elective Professional Block (Major)		102,00	14,00	18,00	29,00	41,00	
	Core Courses		35,00	10,00	11,00	10,00	4,00	
1	Regional Economy	C	4,00			4,00		GPC-2, PC-1, PC-3, PC-4, UC-1, UC-2
2	Financial Decision Making	C	5,00	5,00				GPC-2, PC-2, UC-1, UC-2, UC-9
3	History of Economic Doctrines	C	3,00		3,00			UC-1, UC-5
4	Operations Research in Economics	C	4,00		4,00			GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1

5	Financial Management	C	4,00		4,00			GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1
6	Institutional Economics	C	3,00			3,00		GPC-2, GPC-3, GPC-4, PC-1, UC-1, UC-2, UC-4
7	Russian Economy	C	3,00			3,00		PC-4, UC-1, UC-4, UC-5
8	Investment Management	C	4,00				4,00	GPC-1, GPC-2, PC-2, PC-3, PC-4, UC-1, UC-2
9	Introduction to Game Theory	C	5,00	5,00				GPC-3, UC-1, UC-2
	Научно-исследовательские семинары		15,00	4,00	4,00	3,00	4,00	
1	Research seminar	C	4,00	4,00				GPC-1, GPC-2, GPC-3, UC-1, UC-2, UC-3, UC-4, UC-6
2	Research seminar "Empirical research in economics and corporate finance" (offered in a foreign language)	C	3,00			3,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-3, UC-4
3	Research Seminar "Corporate Finance: Analytics, Investments, Value"	E	4,00				4,00	GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-3, UC-4
4	Research Seminar "Business Analytics and Applied Economics"	E	4,00				4,00	GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-3, UC-4
5	Project Seminar	C	1,00		1,00			GPC-1, GPC-4, PC-4, UC-1, UC-3
6	Research Seminar "Mathematical Modeling in Economics"	C	3,00		3,00			GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-3, UC-4
	Дисциплины по выбору 2 курс		3,00		3,00			
1	Accounting and Analysis Statements	E	3,00		3,00			GPC-1, GPC-2, PC-2, PC-4, UC-1, UC-2
2	Differential and Difference Equations	E	3,00		3,00			GPC-3, UC-1, UC-2
	Дисциплины по выбору 3 курс		12,00			12,00		
1	Behavioral Economics	E	4,00			4,00		GPC-1, PC-3, UC-1, UC-3, UC-4
2	International Economics	E	4,00			4,00		GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
3	Financial Markets and Institutions	E	4,00			4,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1
4	Taxes and Taxation	E	4,00			4,00		GPC-1, GPC-2, PC-2, PC-4, UC-1, UC-2
	Дисциплины по выбору 4 курс (4 из 6)		20,00				20,00	
1	International Finance	E	5,00				5,00	GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
2	New Global Business Models	E	5,00				5,00	GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
3	Digital Entrepreneurship	E	5,00				5,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2, UC-6
4	Simulation Modeling	E	5,00				5,00	GPC-1, GPC-3, PC-1, PC-3, UC-1, UC-2
5	Bank Financial Management	E	5,00				5,00	GPC-1, GPC-2, PC-2, PC-3, PC-4, UC-1, UC-2
6	Data Analysis in Spreadsheets (offered in a foreign language)	E	5,00				5,00	GPC-1, GPC-2, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
	Специализации		17,00			4,00	13,00	
	Специализация "Финансы корпораций: аналитика, инвестиции, стоимость"		17,00			4,00	13,00	
1	International Financial Reporting Standards	E	4,00			4,00		GPC-2, PC-2, UC-1, UC-2, UC-5
2	Risk Management	E	4,00				4,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2

3	Managerial Accounting and Strategic Cost Management	E	5,00				5,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2
4	Financial Planning in a Firm	E	4,00				4,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2
	Специализация "Бизнес аналитика и прикладная экономика"		17,00			4,00	13,00	
1	Introduction to Databases	E	4,00			4,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2
2	Time Series Analysis (offered in a foreign language)	E	4,00				4,00	GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
3	Machine learning in Economics and Finance (offered in a foreign language)	E	4,00				4,00	GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
4	Applied Analysis of Industrial Market	E	5,00				5,00	GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2
	Internship		30,00		8,00	7,00	15,00	
	Professional Internship		15,00		5,00	5,00	5,00	
1	Work Experience Internship	C	5,00				5,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6, UC-8
2	Междисциплинарная курсовая работа	C	10,00		5,00	5,00		GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5
	Project Internship		5,00		3,00	2,00		
1	Project	C	5,00		3,00	2,00		GPC-1, GPC-2, GPC-3, GPC-4, PC-2, PC-3, UC-1, UC-2, UC-3, UC-4, UC-6
	Research Internship		10,00				10,00	
1	Preparation of Graduation Thesis	C	10,00				10,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2, UC-6
	General Courses		14,00	10,00	4,00			
	Core General Courses		2,00	2,00				
1	Physical Training	C	1,00	1,00				UC-7
2	Safe Living Basics	C	1,00	1,00				UC-8
	Optional General Courses		12,00	8,00	4,00			
1	Legal Literacy	C	4,00	4,00				GPC-1, UC-1, UC-10, UC-2
2	Sociology	C	4,00	4,00				UC-5
3	Psychology	C	4,00		4,00			UC-1, UC-11, UC-3, UC-5
	Minor		20,00		10,00	10,00		
1	Minor	E	20,00		10,00	10,00		UC-1, UC-2, UC-3
	English		1,00				1,00	
	Examinations		1,00				1,00	
1	Independent English Exam (offered in a foreign language)	C						UC-4, UC-5
2	Project Proposal	C	1,00				1,00	PC-4, UC-3, UC-4
3	English Language Integrative Exam (offered in a foreign language)	C						UC-4, UC-5
	Optional Courses							

1	Academic English Writing (offered in a foreign language)	O	2,00				2,00	UC-4, UC-5
2	English	O	14,00	8,00	6,00			UC-4, UC-5
	Data Culture		14,00	3,00	7,00	4,00		
1	Independent Programming Test. Intermediate	C	1,00			1,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2
2	Independent Digital Literacy Test	C						GPC-3, UC-1
3	Introduction to Python for Data Science	C	3,00		3,00			GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2
4	Digital Literacy	C	3,00	3,00				GPC-1, GPC-2, GPC-3
5	Python Basic	C	3,00			3,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2
6	Independent Data Science Test. Intermediate	C						GPC-2, GPC-3, UC-1
7	Introduction to Data Analysis	C	4,00		4,00			GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, UC-1, UC-2
	Final State Certification (FSC)		3,00				3,00	
	Thesis Work		3,00				3,00	
1	Presenting of Graduation Thesis	C	3,00				3,00	PC-4, UC-3, UC-4, UC-6

**Curriculum agreed:**

Academic Supervisor	BELYKH S.A.	18.03.2021
Dean	ISOPESKUL O.Y.	18.03.2021
Deputy Director	ZAGORODNOVA E.P.	23.03.2021
Head of Centre for Educational Model Design	LEPESHKIN I.A.	01.04.2021

\* Subject type:

Compulsory course	C
Elective course	E
Optional course	O