



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: 2020/2021 - 2023/2024

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		165,00	47,00	35,00	42,00	41,00	
	Core Professional Block (Major)		57,00	33,00	14,00	10,00		
	Subject Areas		57,00	33,00	14,00	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	C	10,00	6,00	4,00			GPC-2, GPC-3, PC-1, UC-1, UC-2
	Macroeconomics		11,00	5,00	6,00			
1	Macroeconomics	C	5,00	5,00				GPC-2, GPC-3, PC-3, UC-1, UC-2
2	Macroeconomics II (offered in a foreign language)	C	6,00		6,00			GPC-2, GPC-3, PC-3, UC-1, UC-2, UC-4
	Econometrics		10,00			10,00		
1	Econometrics	C	10,00			10,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
	Elective Professional Block (Major)		108,00	14,00	21,00	32,00	41,00	
	Базовая профильная часть		42,00	10,00	14,00	14,00	4,00	
1	Introduction to Game Theory	C	5,00	5,00				GPC-3, UC-1, UC-2
2	History of Economic Doctrines	C	3,00		3,00			UC-1, UC-5
3	Institutional Economics	C	5,00			5,00		GPC-2, GPC-3, GPC-4, PC-1, UC-1, UC-2, UC-4

4	Industrial Organization Theory (offered in a foreign language)	C	5,00			5,00		GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
5	Russian Economy	C	4,00			4,00		PC-4, UC-1, UC-4, UC-5
6	Investment Management	C	4,00				4,00	GPC-1, GPC-2, PC-2, PC-3, PC-4, UC-1, UC-2
7	Financial Decision Making	C	5,00	5,00				GPC-2, PC-2, UC-1, UC-2
8	Financial Management	C	4,00		4,00			GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1
9	Introduction to Python for Data Science	C	3,00		3,00			GPC-1, GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
10	Operations Research in Economics	C	4,00		4,00			GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1
	Научно-исследовательские семинары		16,00	4,00	4,00	4,00	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 "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
3	Research seminar "Empirical research in economics and corporate finance"	C	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 "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
5	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
6	Project Seminar	C	1,00		1,00			GPC-1, GPC-2, PC-4, UC-1, UC-3, UC-4, UC-6
	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		10,00			10,00		
1	Financial Markets and Institutions	E	5,00			5,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1
2	Regional Economy	E	5,00			5,00		GPC-2, PC-1, PC-3, PC-4, UC-1, UC-2
3	Behavioral Economics	E	5,00			5,00		GPC-1, PC-3, PC-4, UC-1, UC-3
4	Taxes and Taxation	E	5,00			5,00		GPC-1, GPC-2, GPC-3, PC-2, UC-1, UC-10, UC-2, UC-9
5	International Economics	E	5,00			5,00		GPC-1, PC-3, PC-4, UC-1, UC-5
	Дисциплины по выбору 4 курс		18,00				18,00	
1	International Finance	E	6,00				6,00	GPC-2, GPC-3, PC-1, PC-3, UC-1, UC-2
2	Bank Financial Management	E	6,00				6,00	GPC-1, GPC-2, PC-2, PC-3, PC-4, UC-1, UC-2
3	Data Analysis in Spreadsheets (offered in a foreign language)	E	6,00				6,00	GPC-1, GPC-2, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
4	Business Valuation	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, UC-1, UC-2, UC-4
5	Information Systems and Organisations	E	6,00				6,00	GPC-1, GPC-3, PC-2, PC-4, UC-2
	Специализации		19,00			4,00	15,00	

	Специализация "Финансы корпораций: аналитика, инвестиции, стоимость"		19,00			4,00	15,00	
1	Risk Management	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2
2	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
3	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
4	International Financial Reporting Standards	E	4,00			4,00		GPC-2, PC-2, UC-1, UC-2, UC-5
	Специализация "Бизнес аналитика и прикладная экономика"		19,00			4,00	15,00	
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	5,00				5,00	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	5,00				5,00	GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
4	Simulation Modeling	E	5,00				5,00	GPC-1, GPC-3, PC-1, PC-3, UC-1, UC-2
	Internship		31,00		8,00	8,00	15,00	
	Professional Internship		15,00		5,00	5,00	5,00	
1	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
2	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
	Project Internship		6,00		3,00	3,00		
1	Project	C	6,00		3,00	3,00		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		17,00	13,00	4,00			
	Core General Courses		2,00	2,00				
1	Safe Living Basics	C	1,00	1,00				UC-8
2	Physical Training	C	1,00	1,00				UC-7
	Optional General Courses		15,00	11,00	4,00			
1	Rhetoric: the Practice of Oral and Written Communication	C	4,00	4,00				UC-4
2	Sociology	C	3,00	3,00				UC-5
3	Law	C	4,00	4,00				GPC-1, UC-1, UC-10, UC-2
4	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	Project Proposal	C	1,00				1,00	PC-4, UC-3, UC-4
2	English Language Integrative Exam	C						UC-4, UC-5
3	Independent English 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	PC-4, UC-4
2	English	O	14,00	8,00	6,00			UC-4, UC-5
Data Culture			3,00		3,00			
1	Introduction to Data Analysis in R	C	3,00		3,00			GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1
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.	25.03.2021
Dean	ISOPESKUL O.Y.	25.03.2021
Deputy Director	ZAGORODNOVA E.P.	25.03.2021
Head of Centre for Educational Model Design	LEPESHKIN I.A.	02.04.2021

* Subject type:

Compulsory course	C
Elective course	E
Optional course	O