



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.01 Economics
Educational Programme "Economics"

Specializations: "Business economics", "Economics and Mathematics"

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

Years of Study: 2020/2021 - 2023/2024

Length of Programme: 4 years

Mode of Study: Full Time

Degree: Bachelor's degree

APPROVED
17.05.2021
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		166,00	42,00	48,00	44,00	32,00	
	Core Professional Block (Major)		55,00	30,00	12,00	13,00		
	Subject Areas		55,00	30,00	12,00	13,00		
	Mathematical Analysis		13,00	13,00				
1	Mathematics.Mathematical Analysis I	C	6,00	6,00				PC-3, UC-1
2	Mathematics.Mathematical Analysis II	C	7,00	7,00				PC-3, UC-1
	Linear Algebra		6,00	6,00				
1	Linear Algebra	C	6,00	6,00				PC-3, UC-1
	Probability Theory and Mathematical Statistics		5,00		5,00			
1	Probability Theory and Mathematical Statistics	C	5,00		5,00			PC-3, UC-1
	Microeconomics		13,00	6,00	7,00			
1	Microeconomics I	C	6,00	6,00				GPC-3, PC-1, UC-1, UC-9
2	Microeconomics II (offered in a foreign language)	C	4,00		4,00			GPC-3, PC-1, PC-2, UC-1, UC-9
3	Microeconomics - 3 (offered in a foreign language)	C	3,00		3,00			GPC-3, PC-1, UC-1, UC-9
	Macroeconomics		12,00	5,00		7,00		
1	Macroeconomics I	C	5,00	5,00				GPC-3, PC-1, UC-1
2	Macroeconomics II (offered in a foreign language)	C	7,00			7,00		GPC-3, PC-1, PC-2, UC-1
	Econometrics		6,00			6,00		
1	Elements of Econometrics	C	6,00			6,00		GPC-2, GPC-3, PC-1, PC-2
	Elective Professional Block (Major)		111,00	12,00	36,00	31,00	32,00	
	Обязательные дисциплины профессионального вариативного модуля		33,00	6,00	27,00			
1	Accounting	C	3,00		3,00			GPC-1, PC-6
2	Economics of the Firm	C	3,00		3,00			PC-1, UC-1

3	Economic Statistics	C	3,00	3,00				GPC-2, PC-1
4	Game Theory	C	5,00		5,00			PC-3, UC-1
5	Special Topics of Microeconomics	C	3,00		3,00			GPC-3, PC-1, PC-2, PC-3
6	Methods of Optimization	C	4,00		4,00			PC-3, UC-1
7	Applied Statistics	C	3,00		3,00			GPC-2, GPC-3, PC-3
8	Business analysis in MS Excel	C	3,00		3,00			PC-4, UC-5
9	Research Seminar "Digital Skills"	C	3,00	3,00				GPC-1, PC-3, UC-1
10	Theory of Finance (offered in a foreign language)	C	3,00		3,00			PC-1, PC-2
	Дисциплины по выбору (1 курс)		3,00	3,00				
1	Foundations of Mathematical Research	E	3,00	3,00				PC-3, UC-1
2	Discrete Mathematics for Economists	E	3,00	3,00				PC-3, UC-1
3	Introduction into Financial Economics (offered in a foreign language)	E	3,00	3,00				PC-3, UC-1
4	Business Law	E	3,00	3,00				GPC-4, UC-2
	Дисциплины по выбору (3 курс)		6,00			6,00		
1	Subject of choice from the general faculty pool	E	6,00			6,00		UC-1, UC-2
	Дисциплины по выбору (4 курс)		3,00				3,00	
1	SQL for Data Analysis I	E	3,00				3,00	GPC-1, GPC-3, PC-3
2	SQL for Data Analysis II	E	3,00				3,00	GPC-1, GPC-3, PC-3
3	Product Analytics	E	3,00				3,00	GPC-2, GPC-4, PC-1
4	Personnel Economics (offered in a foreign language)	E	3,00				3,00	GPC-4, PC-4
5	Performance Management (offered in a foreign language)	E	3,00				3,00	GPC-4, PC-6
6	International Financial Reporting Standards (offered in a foreign language)	E	3,00				3,00	GPC-3, PC-6
7	Risk Assessment Models	E	3,00				3,00	GPC-4, PC-4
8	Theory and practice of project management	E	3,00				3,00	GPC-1, GPC-4, PC-4
9	Analysis and Modeling of Business Processes	E	3,00				3,00	GPC-1, GPC-3, PC-3
	Специализации		45,00			21,00	24,00	
	Специализация "Экономика и математика"		45,00			21,00	24,00	
1	Principles of Digital Economics (offered in a foreign language)	C	3,00				3,00	GPC-3, GPC-4, PC-3, PC-4
2	Strategic finance and risks (offered in a foreign language)	C	6,00				6,00	PC-2, PC-3
3	Panel Data (offered in a foreign language)	C	3,00			3,00		GPC-3, PC-2, PC-3
4	Time Series (offered in a foreign language)	C	3,00			3,00		GPC-2, GPC-3, PC-2, PC-3
5	Two-Sided Markets (offered in a foreign language)	C	4,00				4,00	GPC-1, PC-2, PC-3
6	Theory of finance-II (offered in a foreign language)	C	6,00			6,00		PC-2, PC-3
7	Economic Mechanism Design (offered in a foreign language)	C	4,00				4,00	PC-2, PC-4
8	Empirical Industrial Markets (offered in a foreign language)	C	7,00				7,00	GPC-3, PC-1, PC-2, PC-3
9	Industrial Organization Theory	C	6,00			6,00		PC-2, PC-3

10	Behavioral and Experimental Economics (offered in a foreign language)	C	3,00			3,00		GPC-2, PC-2, PC-4
	Специализация "Бизнес-экономика"		45,00			21,00	24,00	
1	Corporate Governance (offered in a foreign language)	C	6,00				6,00	GPC-4, PC-1, PC-4
2	Information system in economics and business	C	7,00				7,00	GPC-3, PC-5, PC-6
3	Corporate Finance (offered in a foreign language)	C	6,00			6,00		GPC-1, PC-1, PC-6
4	Analysis and visualization of economic data in BI systems	C	3,00			3,00		GPC-3, PC-3
5	Financial Markets Analysis	C	4,00				4,00	PC-1
6	Enterprise management in a competitive environment	C	3,00				3,00	GPC-3, PC-5
7	Financial Analysis	C	3,00			3,00		GPC-4, PC-4
8	Assets Evaluation and Investment Analyses (offered in a foreign language)	C	4,00				4,00	GPC-2, PC-1, PC-4
9	Marketing	C	3,00			3,00		GPC-4, PC-4
10	Labour Economics (offered in a foreign language)	C	3,00			3,00		GPC-4, PC-6
11	Time Series (offered in a foreign language)	C	3,00			3,00		GPC-2, GPC-3, PC-2, PC-3
	Блок дисциплин по выбору (2 курс)		6,00		6,00			
	Блок "Количественная экономика"		6,00		6,00			
1	Dynamic systems in the economy	E	3,00		3,00			PC-2, PC-3, UC-1
2	Topics in Mathematical Statistics	E	3,00		3,00			GPC-3, PC-2, PC-3
	Блок "Финансы"		6,00		6,00			
1	Business Analysis Cases	E	3,00		3,00			GPC-1, GPC-2, PC-6
2	Business accounting practices	E	3,00		3,00			GPC-1, PC-6
	НИС (2 курс)		3,00		3,00			
1	Research Seminar "Tools for Mathematics: Applications in Economics"	E	3,00		3,00			PC-3, PC-5, UC-3
2	Research Seminar "Quantitative Economics"	E	3,00		3,00			PC-3, PC-6, UC-3
3	Research Seminar "Finance"	E	3,00		3,00			PC-3, PC-6, UC-3
	Алгебра и анализ: вводный курс		3,00	3,00				
1	Algebra and Pre-Calculus: Introductory Course (Low Level)	E	3,00	3,00				PC-3, UC-1
2	Algebra and Pre-Calculus: Introductory Course (Advanced Level)	E	3,00	3,00				PC-3, UC-1
	R&D Seminar		9,00			4,00	5,00	
1	Research Seminar II	C	5,00				5,00	GPC-1, PC-1, PC-5
2	Research Seminar I	C	4,00			4,00		GPC-1, PC-1, PC-5
	Internship		32,00		2,00	6,00	24,00	
	Professional Internship		10,00				10,00	
1	Work Experience Internship	C	10,00				10,00	GPC-1, GPC-4, PC-1, PC-4
	Project Internship		4,00		2,00	2,00		
1	Project	E	2,00		2,00			GPC-4, PC-5, UC-3
2	Project	E	2,00			2,00		GPC-4, PC-5, UC-3

	Research Internship		18,00			4,00	14,00	
1	Preparation of Graduation Thesis	C	14,00				14,00	GPC-3, PC-1, PC-3, PC-5
2	Term Paper	C	4,00			4,00		GPC-2, PC-1, PC-3, PC-5
	General Courses		14,00	14,00				
	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	12,00				
1	Philosophy	C	4,00	4,00				UC-5, UC-6
2	Argumentation Theory and Academic Writing	C	4,00	4,00				UC-3, UC-4
3	Law	C	4,00	4,00				UC-1, UC-10, UC-11, UC-2
	Minor		20,00		10,00	10,00		
1	Minor	E	20,00		10,00	10,00		UC-1, UC-3, UC-5, UC-6
	English		1,00				1,00	
	Examinations		1,00				1,00	
1	Project Proposal (offered in a foreign language)	C	1,00				1,00	UC-4
2	English Language Integrative Exam	C						UC-4
3	Independent English Exam (offered in a foreign language)	C						UC-4
	Optional Courses							
1	Academic writing in English	O	2,00				2,00	UC-4, UC-6
2	English	O	14,00	8,00	6,00			UC-4
	Data Culture		4,00	4,00				
1	"Data Analytics in Python"	C	4,00	4,00				GPC-1, GPC-2, GPC-3, PC-3
	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, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6, UC-7, UC-8

Curriculum agreed:

Academic Supervisor	ALEKSEEVA T.A.	11.05.2021
Dean	KATKALO V.S.	11.05.2021
Deputy Director	KUZMIN P.V.	11.05.2021
Head of Centre for Educational Model Design	LEPESHKIN I.A.	17.05.2021

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O