

National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.01 Economics
Educational Programme "Economics"
Faculty of Economics, HSE - Nizhny Novgorod

APPROVED by
Vice Rector

ROSHCHIN Y.S.
06.04.2021

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 (competencies according to the educational standard)
				1	2	3	4	
	Degree Programme		240	60	60	60	60	
	Major		159	41	39	40	39	
	Core Professional Block (Major)		54	21	20	13		
	Subject Areas		54	21	20	13		
	Mathematical Analysis		9	9				
1	Calculus	C	9	9				GPC-3, PC-11, PC-12
	Linear Algebra		5	5				
1	Linear Algebra	C	5	5				GPC-3, PC-11, PC-12
	Probability Theory and Mathematical Statistics		8		8			
1	Probability Theory and Statistics	C	8		8			PC-11, PC-16, PC-12, UC-1, PC-7, GPC-3
	Microeconomics		12	7	5			
1	Microeconomics - 2	C	5		5			PC-1, PC-3, PC-2, PC-25, GPC-3, PC-13
2	Microeconomics-1	C	7	7				PC-13, PC-3, PC-2, UC-2, GPC-3, PC-1
	Macroeconomics		12		7	5		
1	Macroeconomics - 1	C	7		7			PC-2, PC-8, PC-3, PC-1, UC-2, PC-7, PC-11
2	Macroeconomics 2	C	5			5		PC-1, PC-2, PC-11, PC-13, PC-3
	Econometrics		8			8		
1	Elements of Econometrics	C	8			8		PC-3, PC-17, PC-15, PC-12, UC-1, GPC-3, PC-13
	Elective Professional Block (Major)		105	20	19	27	39	
	Elective Courses		53		5	14	34	
	Дисциплина по выбору		5		5			
1	Methods of Optimization	E	5		5			PC-12, PC-25, PC-13
2	Game Theory	E	5		5			PC-12, PC-13, PC-25

	Elective Courses		8		8	
1	Monetary Economics	E	4		4	PC-15, PC-16, PC-1
2	Industrial Organization Theory	E	4		4	PC-11, PC-16, PC-19
3	Financial Markets and Institutions	E	4		4	PC-3, PC-8, PC-14, PC-16
	Elective Courses		6		6	
1	Institutional Economics	E	3		3	PC-3, PC-13, PC-5
2	Regional Economics	E	3		3	PC-1, PC-2, PC-3, PC-15
3	Public Economics	E	3		3	PC-13, PC-3, PC-1
4	World Trade	E	3		3	PC-15, PC-11, PC-3, PC-16
5	Practicum on Empirical Methods of Economic Analysis	E	3		3	PC-13, PC-11, PC-17, PC-12, PC-15
	Elective Courses		15		15	
1	Time Series Analysis	E	5		5	PC-11, PC-17, GPC-3, PC-13, UC-1, PC-12
2	Financial Intermediation	E	5		5	GPC-4, UC-2, PC-23, PC-18, PC-25
3	International Financial Reporting Standards	E	5		5	UC-2, PC-14, PC-4, PC-9, PC-26, PC-8
4	International Finance	E	5		5	PC-16, PC-2, PC-1
5	Fundamentals of Foreign Economic Activity	E	5		5	PC-20, UC-2, PC-16, PC-9, PC-15
6	Asset Valuation	E	5		5	UC-2, PC-8, PC-7, PC-14, PC-26
7	Management Accounting	E	5		5	PC-26, PC-20, UC-2, PC-9, PC-25, PC-23, PC-8
8	Accounting and Economic Analysis in Credit Institutions	E	5		5	PC-8, PC-9, UC-2, PC-26, PC-16, PC-14
9	Financial Economics: Pricing of Financial Instruments	E	5		5	PC-13, PC-11, PC-12
10	Financial Management	E	5		5	PC-14, GPC-4, PC-7, PC-9, UC-2, PC-8, PC-25, PC-26
	Elective Courses		16		16	
1	Foreign Banking Systems	E	4		4	PC-26, PC-8, PC-15, PC-9
2	Information Technology in Accounting (1C-Accounting)	E	4		4	PC-20, PC-14, PC-24, PC-4, GPC-1
3	International Economics	E	4		4	UC-4, PC-15, PC-6, PC-1, PC-3, PC-2
4	International Political Economy	E	4		4	PC-16, PC-1, PC-15
5	Tax Accounting	E	4		4	PC-8, PC-14, PC-4, PC-26
6	Fundamentals of External and Internal Audit	E	4		4	PC-11, PC-20, PC-4, PC-26, PC-14
7	Applied Econometric Analysis	E	4		4	PC-12, PC-13, PC-17
8	Derivatives	E	4		4	PC-25, PC-16, PC-20
9	Retail Business of Commercial Banks	E	4		4	PC-18, PC-23
10	Financial Economics: Instrumental Methods	E	4		4	PC-12, PC-17, PC-11, PC-18
11	Fundamental and Technical Analysis of the Financial Markets	E	4		4	PC-12, PC-3
	Онлайн дисциплина из рекомендованного списка		3		3	
1	Economics of Transition and Emerging Markets	E	3		3	UC-4, PC-21, PC-24, UC-6

2	Understanding Russian Economy. Problems of Transition	E	3				3	UC-4, PC-21, UC-6, PC-24
3	Public Economics	E	3				3	UC-6, PC-24, UC-4, PC-21
4	Introduction to Neuroeconomics: How the Brain Makes Decisions	E	3				3	PC-21, PC-24, UC-4, UC-6
5	Industrial Organisation: Strategy and Competition in Business	E	3				3	UC-4, UC-6, PC-21, PC-24
	Core Courses		32	14	8	10		
1	Accounting and Analysis	C	8		8			GPC-4, PC-14, PC-23, PC-26, PC-4
2	Corporate Finance	C	4			4		PC-26, PC-7, PC-9, PC-6, PC-18, PC-25
3	Financial Accounting and Reporting	C	3			3		PC-26, PC-14
4	Taxation of Individuals and Legal Entities	C	3			3		UC-2, PC-7, PC-8, PC-9, PC-4
5	Financial and Economic Calculations	C	4	4				PC-7, PC-9
6	Money, Credit, Banks	C	4	4				PC-26, PC-7, UC-2
7	Economic History	C	6	6				PC-1, UC-5, PC-2, PC-3
	Научно-исследовательский/Проектный семинар		20	6	6	3	5	
1	Scientific Research Seminar "Tools and Methods of Data Analysis in Economics and Finance"	C	3		3			GPC-3, PC-12, PC-11, UC-1
2	Research Seminar "Data Processing and Research Methodology"	C	3		3			GPC-1, PC-15, UC-1, PC-11, PC-10
3	Project Seminar	C	3			3		PC-7, PC-8, PC-9
4	Research Seminar "Professional Research in Economics and Finance"	C	5				5	UC-2, GPC-3, PC-19, PC-4, PC-17, PC-1, PC-12, PC-10, PC-11, PC-16, GPC-2, GPC-4, PC-15, PC-3, UC-1, PC-13, PC-18, PC-2, PC-6, PC-5, GPC-1, PC-14
5	Project Seminar "Economic Thinking"	C	6	6				PC-20, PC-7
	Internship		32	2	7	7	16	
	Professional Internship		6				6	
1	Work Experience Internship	C	6				6	PC-9, PC-20, PC-11, PC-8, PC-7
	Project Internship		6	2	2	2		
1	Project	E	6	2	2	2		PC-21, PC-1, PC-6, PC-18, PC-23, PC-19, PC-7, PC-20, PC-3, PC-9, PC-26, PC-22, PC-25, PC-11, PC-16
	Research Internship		20		5	5	10	
1	Preparation of Graduation Thesis	C	10				10	PC-10, PC-12, PC-1, PC-7, PC-17, PC-21, PC-14, PC-8, PC-26, PC-15, PC-13, PC-23, PC-11, PC-25
2	Term Papers	C	10		5	5		PC-11, PC-10, PC-26, PC-23, PC-1, PC-19, PC-6, PC-21, PC-12, PC-8, PC-16, PC-25
	General Courses		14	13	1			
	Core General Courses		2	1	1			
1	Safe Living Basics	C	1	1				UC-8
2	Physical Training	C	1		1			UC-7

	Optional General Courses		12	12				
1	Philosophy	C	4	4				UC-6, UC-5
2	Legal Literacy	C	4	4				UC-2
3	Communications and Media Competence in Modern World	C	4	4				UC-4
	Minor		20		10	10		
1	Minor	E	20		10	10		UC-2, UC-3, UC-1
	English		1				1	
	Examinations		1				1	
1	Independent English Language Test	C						UC-4
2	Project Proposal	C	1				1	UC-4, PC-6, PC-19
3	English Language Integrative Exam	C						UC-4
	Optional Courses							
1	English	O	14	8	6			UC-4
2	Academic Writing (English)	O	2				2	UC-4, PC-19
	Data Culture		11	4	3	3	1	
1	Digital Literacy	C	4	4				GPC-2, PC-7, GPC-1, PC-11
2	Introduction into Python	C	3		3			PC-12, GPC-3, PC-21, UC-1, PC-24
3	Data Analysis in Economics and Finance	C	3			3		UC-1, GPC-2, PC-17, PC-11, PC-12, PC-16
4	Independent Digital Competence Assessment. Programming. Intermediate	C						GPC-1
5	Independent Digital Competence Assessment. Data Science. Intermediate	C	1				1	GPC-3
6	Independent Digital Competence Assessment. Digital Literacy	C						GPC-1
	Final State Certification (FSC)		3				3	
	Thesis Work		3				3	
1	Presenting of Graduation Thesis	C	3				3	PC-13, PC-22, PC-19, GPC-4, PC-1, PC-17, UC-1, PC-24, PC-5, PC-12, PC-2, PC-8, UC-6, PC-10, PC-15, PC-26, PC-6, UC-2, PC-9, PC-11, PC-14, PC-23, PC-21, PC-25, GPC-2, PC-16, PC-20, UC-5, GPC-1, GPC-3, PC-4, UC-4, PC-18, PC-3

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* Subject type:

Compulsory course	C
Elective course	E
Optional course	O