



National Research University Higher School of Economics (HSE)

Curriculum
Field of study 38.03.01 Economics
Educational Programme "Economics"
Implementing unit: Faculty of Economic Sciences, HSE -
Moscow
4 th, 2024/2025 academic year

APPROVED
02.05.2024
Vice Rector
ROSHCHIN S.Y.
Signed with EDS

Length of Programme: 4 years
Years of Study: 2021/2022 - 2024/2025
Mode of Study: Full Time
Degree: Bachelor's degree

Block Code	Course	Subject type	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
							1	2	3	4	
	Degree Programme			60,00	2 280	350	140	96	108	6	
	Major			34,00	1 292	340	140	96	104		
	Core Professional Block (Major)			4,00	152	40	28	12			
	Subject Areas			4,00	152	40	28	12			
	Macroeconomics			4,00	152	40	28	12			
	Compulsory Courses			4,00	152	40	28	12			
1	Russian Economy-2	C	Department of Applied Economics	4,00	152	40	28	12A			
	Elective Professional Block (Major)			30,00	1 140	300	112	84	104		
	Дисциплины по выбору 4 курс			27,00	1 026	272	84	84	104		
	Block 1. Economic and Financial Courses			21,00	798	188	84	56	48		
1	Big Data in Macroeconomic Analysis	E	Department of Theoretical Economics	3,00	114	42		42A			
2	Agricultural Economics	E	Department of Applied Economics	3,00	114	28	28A				
3	Actuarial Calculations in Life Insurance	E	Department of Statistics and Data Analysis	6,00	228	56	28	28A			
4	Big Data Analysis in Insurance	E	Department of Finance	3,00	114	28			28A		
5	Financial Markets Analysis	E	базовая кафедра инфраструктуры финансовых рынков	6,00	228	56	28	28A			
6	Banking	E	Department of Finance	6,00	228	56	28	28A			
7	Introduction to Economics of Digital Platforms	E	Department of Applied Economics	6,00	228	56	28	28A			
8	Global value chains and competitiveness	E	Department of Applied Economics	3,00	114	40			40A		
9	Investment Management	E	Department of Finance	3,00	114	30			30A		

10	Institutional Economics	E	Department of Applied Economics	6,00	228	54	26	28A		
11	Exchange market infrastructure	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	28	28A			
12	Corporate Finance	E	Department of Finance	3,00	114	40			40A	Foreign language
13	International Trade	E	Department of Theoretical Economics	6,00	228	56	28	28A		Foreign language
14	International Financial Reporting Standards	E	Department of Finance	6,00	228	62		28	34A	Foreign language
15	International Finance	E	Department of Finance	3,00	114	30			30A	Online Course, Foreign language
16	Models of Individual in Economics	E	Department of Theoretical Economics	3,00	114	28	28A			
17	Tax System of Russia	E	Department of Finance	3,00	114	40			40A	
18	Organization of Insurance Operations	E	Department of Finance	6,00	228	54	28	26A		
19	Tail Risks and Global Economic Policy	E	Department of Theoretical Economics	3,00	114	14			14A	Foreign language
20	Industrial Organization	E	Department of Applied Economics	6,00	228	56	28	28A		Foreign language
21	Valuation of the Company	E	Department of Finance	6,00	228	56	28	28A		Foreign language
22	Behavioral Economics	E	Department of Theoretical Economics	3,00	114	40			40A	Foreign language
23	Political Economy	E	Department of Theoretical Economics	3,00	114	36			36A	Foreign language
24	Crime and Punishment: Economic and Social Studies of Law Enforcement)	E	Department of Applied Economics	6,00	228	48	24	24A		
25	Raising Capital in the Stock Market	E	базовая кафедра инфраструктуры финансовых рынков	6,00	228	56	24	32A		
26	Applied Market Design	E	Department of Theoretical Economics	3,00	114	36			36A	Foreign language
27	Advanced Machine Learning and AI Models: Applications in Economics and Finance	E	Department of Applied Economics	3,00	114	36			36A	
28	Derivatives	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	36			36A	
29	Private equity and venture capital, funding mechanisms and participants	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	28		28A		
30	Risk Management	E	Department of Finance	6,00	228	56	28	28A		
31	Socioeconomics	E	Department of Applied Economics	6,00	228	56	28	28A		
32	Industrial Policy: Modern Practices and Lessons	E	Department of Applied Economics	3,00	114	42			42A	
33	Recent Advances in Auction Theory	E	Department of Theoretical Economics	3,00	114	40			40A	Foreign language

34	Management Accounting	E	Department of Finance	3,00	114	34			34A		Online Course
35	Financial Accounting, Reporting, Analysis and Auditing of Bank Operations	E	Department of Finance	6,00	228	56	28	28A			
36	Financial Stability and Financial Crises	E	Department of Theoretical Economics	3,00	114	32		32A			Foreign language
37	Financial Economics	E	Department of Finance	6,00	228	36	18	18A			Online Course, Foreign language
38	Financial Institutions and Risks	E	Department of Finance	3,00	114	54			54A		
39	Financial Markets	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	44			44A		
40	Digital Transformations in HR Management	E	Department of Applied Economics	3,00	114	40			40A		
41	Economics of Information	E	Department of Theoretical Economics	3,00	114	40			40A		Foreign language
42	Public Economics	E	Department of Applied Economics	6,00	228	56	28	28A			
43	Development Economics	E	Department of Theoretical Economics	3,00	114	28		28A			Foreign language
44	Labour Economics	E	Department of Applied Economics	6,00	228	56	28	28A			
45	Economic Demography	E	Department of Demography	6,00	228	52		28	24A		
46	Economic History	E	Department of Theoretical Economics	3,00	114	40			40A		
47	Economic Applications of Machine Learning	E	Department of Theoretical Economics	3,00	114	36	36A				Foreign language
48	Economics of Social Problems	E	Department of Applied Economics	6,00	228	60	38	22A			
49	Economic Growth and Development	E	Department of Applied Economics	3,00	114	32			32A		Foreign language
50	Economic Growth: Lessons from the Past	E	Department of Applied Economics	6,00	228	56	28	28A			Foreign language
Block 2. Instrumental Courses				6,00	228	84		28	56		
1	Analysis of Panel and State Duration Data	E	Department of Applied Economics	6,00	228	56	28	28A			
2	Bayesian Methods for Machine Learning	E	Department of Big Data and Information Retrieval	5,00	190	56	28	28A			
3	Introduction to Discrete Mathematics	E	Department of Mathematics	3,00	114	44			44A		
4	Deep Learning for Natural Language Processing	E	Department of Big Data and Information Retrieval	5,00	190	56	28	28A			
5	Dynamic Optimization in Economics and Finance	E	Department of Applied Economics	6,00	228	56	28	28A			
6	Differential and Difference Equations	E	Department of Mathematics	6,00	228	56	28	28A			
7	Instrumental Methods for Digital Economics	E	Department of Mathematics	6,00	228	56	28	28A			
8	Calculus 2	E	Department of Mathematics	3,00	114	56			56A		

9	Machine Learning	E	Department of Big Data and Information Retrieval	6,00	228	42	22	20A		Online Course
10	Quality and Limited Dependent Variables	E	Department of Applied Economics	6,00	228	56	28	28A		
11	Decision Making in the Problems of Digital Economics under Risk and Uncertainty	E	Department of Mathematics	3,00	114	28		28A		
12	Stochastic Processes	E	Department of Statistics and Data Analysis	6,00	228	56	28	28A		Online Course
13	Game Theory	E	Department of Theoretical Economics	6,00	228	56	28	28A		
14	Times Series Econometrics	E	Department of Finance	6,00	228	58	30	28A		Foreign language
Проектная и научно-исследовательская работа				3,00	114	28	28			
1	Methodological Research Seminar	C	Department of Applied Economics	3,00	114	28	28A			
English				1,00	38	2		2		
Optional Courses										
1	Academic Writing	O		2,00	76	48		28	20A	Foreign language, Credits only to the cumulative rating
Examinations				1,00	38	2			2	
1	Project Proposal	C	Department of Theoretical Economics	1,00	38	2			2A	Foreign language
Final State Certification (FSC)				3,00	114	2				2
Thesis Work				3,00	114	2				2
1	Presenting of Graduation Thesis	C		3,00	114	2				2A
Internship				22,00	836	6			2	4
Research Internship				20,00	760	4				4
1	Preparation of Graduation Thesis	C		14,00	532	2				2
2	Graduation Internship	C		6,00	228	2				2A
Project Internship				2,00	76	2			2	
1	Project	C		2,00	76	2			2A	

Curriculum agreed:

Academic Supervisor	BUKIN K.A.	19.03.2024
Dean	PEKARSKIY S.E.	19.03.2024
Head of Centre for Educational Model Design	LEPESHKIN I.A.	26.04.2024

* Subject type:

- Compulsory course
- Elective course
- Optional course

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