



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  
 3 rd, 2023/2024 academic year

APPROVED  
 28.04.2023  
 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	
	<b>Degree Programme</b>			<b>60,00</b>	<b>2 280</b>	<b>495</b>	<b>106</b>	<b>108</b>	<b>103</b>	<b>178</b>	
	<b>Data Culture</b>			<b>3,00</b>	<b>114</b>	<b>40</b>				<b>40</b>	
1	Machine Learning in Economics	C	Department of Applied Economics	3,00	114	40				40A	
	<b>Major</b>			<b>38,00</b>	<b>1 444</b>	<b>268</b>	<b>68</b>	<b>70</b>	<b>62</b>	<b>68</b>	
	<b>Core Professional Block (Major)</b>			<b>20,00</b>	<b>760</b>	<b>268</b>	<b>68</b>	<b>70</b>	<b>62</b>	<b>68</b>	
	<b>Subject Areas</b>			<b>20,00</b>	<b>760</b>	<b>268</b>	<b>68</b>	<b>70</b>	<b>62</b>	<b>68</b>	
	<b>Macroeconomics</b>			<b>10,00</b>	<b>380</b>	<b>132</b>	<b>42</b>	<b>42</b>	<b>20</b>	<b>28</b>	
	<b>Compulsory Courses</b>			<b>4,00</b>	<b>152</b>	<b>48</b>			<b>20</b>	<b>28</b>	
1	Russian Economy-1	C	Department of Applied Economics	4,00	152	48			20	28A	Online Course
	<b>Макроэкономика-2</b>			<b>6,00</b>	<b>228</b>	<b>84</b>	<b>42</b>	<b>42</b>			
1	Macroeconomics-2	C	Department of Theoretical Economics	6,00	228	84	42	42A			
2	Macroeconomics-2 (advanced course)	C	Department of Theoretical Economics	6,00	228	84	42	42A			
	<b>Econometrics</b>			<b>10,00</b>	<b>380</b>	<b>136</b>	<b>26</b>	<b>28</b>	<b>42</b>	<b>40</b>	
	<b>Econometrics 1</b>			<b>4,00</b>	<b>152</b>	<b>54</b>	<b>26</b>	<b>28</b>			
1	Econometrics 1	C	Department of Applied Economics	6,00	228	54	26	28A			
2	Econometrics 1 (Advanced course)	C	Department of Applied Economics	6,00	228	54	26	28A			
	<b>Econometrics 2</b>			<b>6,00</b>	<b>228</b>	<b>82</b>			<b>42</b>	<b>40</b>	
1	Econometrics 2	C	Department of Applied Economics	4,00	152	82			42	40A	
2	Econometrics 2 (Advanced course)	C	Department of Applied Economics	4,00	152	82			42	40A	
	<b>Elective Professional Block (Major)</b>			<b>18,00</b>	<b>684</b>						

Дисциплины по выбору 3 курс				18,00	684	200	56	58	86	
Блок 1. Инструментальные дисциплины				3,00	114	56			56	
1	Introduction to Discrete Mathematics	E	Department of Mathematics	3,00	114	44			44A	
2	Dynamic Optimization in Economics and Finance	E	Department of Applied Economics	6,00	228	56	28	28A		
3	Differential and Difference Equations	E	Department of Mathematics	6,00	228	56	28	28A		
4	Instrumental Methods for Digital Economics	E	Department of Mathematics	6,00	228	56	28	28A		
5	Calculus 2	E	Department of Mathematics	3,00	114	56			56A	
6	Machine Learning	E	Department of Big Data and Information Retrieval	6,00	228	42	22	20A		Online Course
7	Machine Learning 1	E	Department of Big Data and Information Retrieval	6,00	228	56	28	28A		Online Course
8	Decision Making in the Problems of Digital Economics under Risk and Uncertainty	E	Department of Mathematics	3,00	114	28		28A		
9	Stochastic Processes	E	Department of Statistics and Data Analysis	6,00	228	56	28	28A		Online Course
10	Game Theory	E	Department of Theoretical Economics	6,00	228	56	28	28A		
Block 2. Economic and Financial Courses				15,00	570	144	56	58	30	
1	Big Data in Macroeconomic Analysis	E	Department of Theoretical Economics	3,00	114	28		28A		
2	Agricultural Economics	E	Department of Applied Economics	3,00	114	28	28A			
3	Introduction to Economics of Digital Platforms	E	Department of Applied Economics	6,00	228	56	28	28A		
4	Global value chains and competitiveness	E	Department of Applied Economics	3,00	114	40			40A	
5	Additional Chapters of Macroeconomics-2	E	Department of Theoretical Economics	3,00	114	28	14	14A		
6	Institutional Economics	E	Department of Applied Economics	6,00	228	54	26	28A		
7	Corporate Finance	E	Department of Finance	3,00	114	40			40A	Foreign language
8	International Trade	E	Department of Theoretical Economics	6,00	228	56	28	28A		Foreign language
9	International Financial Reporting Standards	E	Department of Finance	6,00	228	62		28	34A	Foreign language
10	International Finance	E	Department of Finance	3,00	114	30			30A	Online Course, Foreign language
11	Monetary Economics	E	Department of Theoretical Economics	3,00	114	40			40A	
12	Tail Risks and Global Economic Policy	E	Department of Theoretical Economics	3,00	114	14			14A	Foreign language
13	Industrial Organization	E	Department of Applied Economics	6,00	228	56	28	28A		Foreign language

14	Behavioral Economics	E	Department of Theoretical Economics	3,00	114	40			40A		Foreign language
15	Political Economy	E	Department of Theoretical Economics	3,00	114	36			36A		Foreign language
16	Crime and Punishment: Economic and Social Studies of Law Enforcement)	E	Department of Applied Economics	6,00	228	48	24	24A			
17	Raising Capital in the Stock Market	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	38		38A			
18	Applied Market Design	E	Department of Theoretical Economics	3,00	114	36			36A		Foreign language
19	Professional Participants in Financial Markets	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	38	38A				
20	Private equity and venture capital, funding mechanisms and participants	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	28		28A			
21	Social Economic Statistics	E	Department of Statistics and Data Analysis	6,00	228	64		28	36A		
22	Socioeconomics	E	Department of Applied Economics	6,00	228	56	28	28A			
23	Industrial Policy: Modern Practices and Lessons	E	Department of Applied Economics	3,00	114	42			42A		
24	Recent Advances in Auction Theory	E	Department of Theoretical Economics	3,00	114	40			40A		Foreign language
25	Management Accounting	E	Department of Finance	3,00	114	34			34A		Online Course
26	Management Consulting for Applied Business Cases	E	Базовая кафедра «Яков и Партнёры»	6,00	228	56	28	28A			
27	Financial Stability and Financial Crises	E	Department of Theoretical Economics	3,00	114	32		32A			Foreign language
28	Financial Economics	E	Department of Finance	6,00	228	36	18	18A			Online Course, Foreign language
29	Financial Institutions and Risks	E	Department of Finance	3,00	114	54			54A		
30	Financial Markets	E	базовая кафедра инфраструктуры финансовых рынков	3,00	114	56			56A		
31	Digital Transformations in HR Management	E	Department of Applied Economics	3,00	114	40			40A		
32	Economics of Information	E	Department of Theoretical Economics	3,00	114	40			40A		Foreign language
33	Public Economics	E	Department of Applied Economics	6,00	228	56	28	28A			Foreign language
34	Labour Economics	E	Department of Applied Economics	6,00	228	56	28	28A			
35	Economic Demography	E	Department of Demography	6,00	228	52		28	24A		
36	Economic History	E	Department of Theoretical Economics	3,00	114	40			40A		
37	Economic Applications of Machine Learning	E	Department of Theoretical Economics	3,00	114	36	36A				Foreign language

38	Economic Growth and Development	E	Department of Applied Economics	3,00	114	36			36A		Foreign language
39	Economic Growth: Lessons from the Past	E	Department of Applied Economics	6,00	228	56	28	28A			Foreign language
<b>Minor</b>				<b>10,00</b>	<b>380</b>	<b>152</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>38</b>	
1	Minor	C		10,00	380	152	38	38A	38	38A	
<b>English</b>						<b>3</b>			<b>3</b>		
<b>Examinations</b>						<b>3</b>			<b>3</b>		
1	Independent English Exam	C	School of Foreign Languages			3			3A		Foreign language
<b>General Courses</b>				<b>4,00</b>	<b>152</b>	<b>30</b>				<b>30</b>	
<b>Optional General Courses</b>				<b>4,00</b>	<b>152</b>	<b>30</b>				<b>30</b>	
1	Philosophy	C	Школа философии и культурологии	4,00	152	30				30A	Online Course
<b>Internship</b>				<b>5,00</b>	<b>190</b>	<b>2</b>				<b>2</b>	
<b>Project Internship</b>				<b>5,00</b>	<b>190</b>	<b>2</b>				<b>2</b>	
1	Project	C		5,00	190	2				2A	

**Curriculum agreed:**

Academic Supervisor	BUKIN K.A.	17.04.2023
Dean	PEKARSKIY S.E.	18.04.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	28.04.2023

\* Subject type:

Compulsory course

C

Elective course

E

Optional course

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