



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.03.01 Economics

Educational Programme "Joint HSE-NES Undergraduate Program in Economics"

Implementing unit: Faculty of Economic Sciences, HSE - Moscow

APPROVED  
19.04.2021  
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		174,00	35,00	47,00	52,00	40,00	
	Core Professional Block (Major)		53,00	18,00	29,00	6,00		
	Subject Areas		53,00	18,00	29,00	6,00		
	Mathematical Analysis		13,00	7,00	6,00			
1	Calculus 1	C	7,00	7,00				GPC-2, UC-2, UC-6
2	Calculus 2	C	6,00		6,00			GPC-3, UC-1, UC-3, UC-6
	Linear Algebra		5,00	5,00				
1	Linear Algebra	C	5,00	5,00				UC-2, UC-6
	Probability Theory and Mathematical Statistics		6,00		6,00			
1	Probability Theory and Mathematical Statistics	C	6,00		6,00			GPC-1, GPC-2, PC-1, UC-1, UC-6
	Microeconomics		11,00	6,00	5,00			
1	Microeconomics 1	C	6,00	6,00				GPC-1, GPC-2, GPC-3, PC-1, PC-5, UC-1, UC-2, UC-4
2	Microeconomics-2	C	5,00		5,00			GPC-1, GPC-2, GPC-4, PC-3, PC-5, UC-1, UC-2, UC-5, UC-6
	Macroeconomics		12,00		12,00			
1	Macroeconomics - 1	C	6,00		6,00			GPC-1, GPC-2, PC-1, PC-4, UC-1
2	Macroeconomics-2	C	6,00		6,00			GPC-1, GPC-2, PC-1, PC-4, UC-1, UC-2
	Econometrics		6,00			6,00		
1	Econometrics	C	6,00			6,00		GPC-1, GPC-3, PC-2, UC-6
	Elective Professional Block (Major)		121,00	17,00	18,00	46,00	40,00	
	Базовая профильная часть		5,00	5,00				
1	Introduction to Economics	C	5,00	5,00				PC-1, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6

	Elective Courses		84,00	6,00	42,00	36,00	
1	Economics of Natural Resources (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-4, PC-5, PC-6, UC-1, UC-2, UC-4
2	Corporate Finance	E	6,00			6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, PC-5, UC-1, UC-2
3	Institutional Economics (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-4, PC-5, PC-6, UC-1, UC-4, UC-5
4	Current Topics and Modern Financial Markets (offered in a foreign language)	E	3,00			3,00	GPC-1, GPC-3, PC-1, PC-3, PC-5, UC-2, UC-6
5	Industrial Organization Theory (offered in a foreign language)	E	6,00			6,00	GPC-2, GPC-3, GPC-4, PC-1, PC-3, PC-4, PC-5, PC-6, UC-2
6	Game Theory	E	6,00			6,00	GPC-3, PC-1, PC-2
7	Introduction in Finance (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-2, GPC-3, PC-3, PC-5
8	Contracts, Information and Incentives in Organizations (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-3, PC-1, PC-2, PC-4
9	Behavioral and Experimental Economics	E	6,00			6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-4, PC-5, PC-6
10	Applied Microeconometrics	E	6,00			6,00	GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3
11	Public Economics (offered in a foreign language)	E	6,00			6,00	GPC-1, PC-1, PC-2, PC-4, PC-6
12	Financial Engineering	E	6,00			6,00	GPC-1, GPC-2, GPC-3, PC-3, UC-1, UC-10, UC-2, UC-3
13	Law and Economics (offered in a foreign language)	E	6,00			6,00	GPC-3, GPC-4, PC-1, PC-4, PC-5, UC-1, UC-2
14	Big Data Analysis in Insurance	E	3,00			3,00	GPC-2, GPC-3, GPC-4, PC-1, PC-2, UC-1, UC-2
15	International Trade (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-4, PC-1, PC-2, PC-4, UC-1
16	Valuation of the Company (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-3, PC-1, PC-2, PC-3, PC-5, UC-2
17	Applied Market Design (offered in a foreign language)	E	3,00			3,00	GPC-1, GPC-2, GPC-3, PC-2, PC-3, UC-2
18	Labour Economics	E	6,00			6,00	GPC-1, GPC-3, GPC-4, PC-3, PC-4, PC-6, UC-2, UC-6
19	Crime and Punishment: Economic and Social Studies of Law Enforcement)	E	6,00			6,00	GPC-1, GPC-3, GPC-4, PC-1, PC-4, PC-5, PC-6, UC-1, UC-10, UC-4, UC-5, UC-6, UC-9
20	Economic Growth: Lessons from the Past (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-3, PC-1, PC-2, PC-4, PC-5, UC-5
21	Recent Advances in Auction Theory (offered in a foreign language)	E	3,00			3,00	GPC-2, GPC-3, PC-1, PC-2, PC-4, UC-2
22	Times Series Econometrics (offered in a foreign language)	E	6,00			6,00	GPC-1, GPC-2, PC-1, PC-3, UC-2

23	Economics of Information (offered in a foreign language)	E	3,00				3,00	GPC-2, GPC-3, GPC-4, PC-4, UC-1, UC-2
24	Economic Applications of Machine Learning (offered in a foreign language)	E	3,00				3,00	GPC-1, GPC-2, GPC-3, PC-1, UC-9
25	International Finance (offered in a foreign language)	E	3,00				3,00	GPC-1, GPC-2, GPC-3, PC-2, PC-3, UC-2
26	Dynamic Optimization in Economics and Finance	E	6,00				6,00	GPC-2, GPC-3, PC-1, PC-2
27	Management Consulting for Applied Business Cases	E	6,00				6,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-4, PC-5, PC-6
28	Practical Cases of Economic Policy	E	6,00				6,00	GPC-1, GPC-3, GPC-4, PC-1, PC-4, PC-5, PC-6
29	Financial Accounting and Reporting (offered in a foreign language)	E	3,00				3,00	GPC-1, GPC-3, GPC-4, PC-3, UC-2
30	Modern Technologies in Finance	E	3,00				3,00	GPC-3, GPC-4, PC-2, PC-3
31	Money, Financial Systems and Central Banks	E	3,00				3,00	GPC-3, GPC-4, PC-2, PC-3
32	Industrial Organization Theory	E	6,00		6,00			GPC-2, GPC-3, GPC-4, PC-1, PC-3, PC-4, PC-5, PC-6, UC-2
33	Public Economics (offered in a foreign language)	E	6,00		6,00			GPC-1, GPC-3, GPC-4, PC-1, PC-2, PC-4, PC-6, UC-2, UC-4, UC-6
34	Game Theory	E	6,00		6,00			GPC-2, GPC-3, PC-1, PC-2, PC-4, UC-2
35	Contracts, Information and Incentives in Organizations (offered in a foreign language)	E	6,00		6,00			GPC-2, GPC-3, GPC-4, PC-1, PC-4, PC-5, UC-1, UC-2
36	History of Economic Doctrines	E	4,00		4,00			GPC-1, PC-1, PC-4, PC-5, UC-1, UC-4, UC-5
37	Introduction in Finance (offered in a foreign language)	E	6,00		6,00			GPC-1, GPC-2, PC-1, PC-3, PC-4, PC-5
38	Introduction to LaTeX	E	3,00		3,00			GPC-1, PC-5, UC-6
39	Development Economics (offered in a foreign language)	E	6,00			6,00		GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-4, PC-5, UC-1, UC-4, UC-5
40	Industrial Organization Theory (offered in a foreign language)	E	6,00			6,00		GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-2
41	Economics of Natural Resources (offered in a foreign language)	E	6,00			6,00		GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-4, PC-5, PC-6, UC-1, UC-2, UC-4
42	Applied Microeconometrics	E	6,00			6,00		GPC-1, GPC-2, GPC-3, PC-1, UC-2, UC-6
43	Current Topics and Modern Financial Markets (offered in a foreign language)	E	6,00			6,00		GPC-2, GPC-3, PC-1, PC-2, PC-4, UC-2
44	Introduction in Finance (offered in a foreign language)	E	6,00			6,00		GPC-1, GPC-2, PC-1, PC-3, PC-4, PC-5
45	Game Theory	E	6,00			6,00		GPC-2, GPC-3, PC-1, PC-2, PC-4, UC-2
46	Economics of Information (offered in a foreign language)	E	3,00			3,00		GPC-2, GPC-3, GPC-4, PC-1, PC-4, UC-1, UC-2
47	International Trade (offered in a foreign language)	E	6,00			6,00		GPC-1, GPC-4, PC-1, PC-2, PC-4, UC-1

48	Corporate Finance	E	6,00			6,00		GPC-1, GPC-2, GPC-3, PC-1, PC-3, PC-4, UC-1, UC-2
49	Recent Advances in Auction Theory (offered in a foreign language)	E	3,00			3,00		GPC-2, GPC-3, PC-1, PC-2, PC-4, UC-2
50	Public Economics (offered in a foreign language)	E	6,00			6,00		GPC-1, GPC-3, GPC-4, PC-1, PC-2, PC-4, PC-6, UC-2, UC-4, UC-6
51	Urban Economics	E	6,00			6,00		GPC-1, GPC-4, PC-1, PC-2, PC-5, PC-6, UC-1, UC-10, UC-2, UC-9
52	Labour Economics	E	6,00			6,00		GPC-1, GPC-3, GPC-4, PC-3, PC-4, PC-6, UC-2, UC-6
53	Law and Economics (offered in a foreign language)	E	6,00			6,00		GPC-2, GPC-3, GPC-4, PC-1, PC-4, PC-5, UC-1, UC-2
54	Using Python for Research (offered in a foreign language)	E	3,00			3,00		GPC-3, PC-3, UC-2
55	Behavioral and Experimental Economics (offered in a foreign language)	E	6,00			6,00		GPC-2, GPC-3, GPC-4, PC-1, PC-2, UC-1, UC-2
56	Big Data Analysis in Insurance	E	3,00			3,00		GPC-1, GPC-2, GPC-3, PC-3, UC-1
57	Applied Market Design (offered in a foreign language)	E	3,00			3,00		GPC-1, GPC-2, GPC-3, PC-1, PC-2, PC-3, UC-2
58	Economic Applications of Machine Learning (offered in a foreign language)	E	3,00			3,00		GPC-1, GPC-2, GPC-3, PC-1, UC-9
59	Financial Engineering	E	6,00			6,00		GPC-1, GPC-3, PC-1, PC-3, PC-5, UC-2, UC-6
60	Contracts, Information and Incentives in Organizations (offered in a foreign language)	E	6,00			6,00		GPC-2, GPC-3, GPC-4, PC-1, PC-4, PC-5, UC-1, UC-2
	Английский язык для профессиональной деятельности		24,00	12,00	12,00			
1	Intermediate English - 1 (offered in a foreign language)	C	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
2	Intermediate English - 2 (offered in a foreign language)	C	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
3	English for Beginners - 1 (offered in a foreign language)	C	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
4	English for Beginners - 2 (offered in a foreign language)	C	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
5	Intermediate English - 1 (offered in a foreign language)	C	6,00		6,00			PC-5, UC-3, UC-4, UC-5, UC-6
6	Intermediate English - 2 (offered in a foreign language)	C	6,00		6,00			PC-5, UC-3, UC-4, UC-5, UC-6
	Научно-исследовательские семинары		8,00			4,00	4,00	
1	Research Seminar	C	4,00				4,00	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-4, UC-6
2	Research Seminar (offered in a foreign language)	C	4,00			4,00		GPC-1, PC-4, PC-5, UC-1, UC-2, UC-4, UC-5, UC-6
	Internship		19,00			2,00	17,00	

	Professional Internship		8,00			2,00	6,00	
1	Educational Internship	C	2,00			2,00		GPC-1, PC-4, PC-5, UC-1, UC-2, UC-4, UC-5
2	Work Experience Internship	C	6,00				6,00	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
	Project Internship							
1	Preparation of Graduation Thesis							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
	Research Internship		11,00				11,00	
1	Preparation of Graduation Thesis	C	11,00				11,00	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-4, UC-5, UC-6
	General Courses		14,00	13,00	1,00			
	Core General Courses		2,00	1,00	1,00			
1	Physical Training	C	1,00		1,00			UC-3, UC-7
2	Safe Living Basics	C	1,00	1,00				PC-5, UC-3, UC-8
	Optional General Courses		12,00	12,00				
	История		6,00	6,00				
1	Introduction to the History and Culture of the East: selected chapters	E	6,00				6,00	UC-1, UC-3, UC-4, UC-5
2	History of North and South America	E	6,00				6,00	PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5
3	History of Art	E	6,00				6,00	PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
4	History of North and South America	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
5	Age of enlightenment: The birth of the modern world	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
6	History of Art	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
7	Introduction to the History and Culture of the East: selected chapters	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
8	Introduction to the History and Culture of the East: selected chapters	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
9	History of Art	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
10	History of North and South America	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
11	The History of Russia: Sources, Facts, Interpretation	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
12	History of Art	E	6,00			6,00		PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6

13	Age of enlightenment: The birth of the modern world	E	6,00			6,00		PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
14	History of North and South America	E	6,00			6,00		PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5
15	Introduction to the History and Culture of the East: selected chapters	E	6,00			6,00		PC-5, UC-1, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
	<b>Философия</b>		<b>6,00</b>	<b>6,00</b>				
1	Imaginary and Real in the History of Political Thought	E	6,00				6,00	UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
2	Russian Philosophy of the XIX-XX Centuries for Cinema: from Word to Image	E	6,00				6,00	UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
3	Ancient Philosophy	E	6,00				6,00	UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
4	Newest Social Theory: A Critical Comprehension of Modernity	E	6,00				6,00	UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
5	Philosophy of Mind	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
6	Justice	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
7	Theory of Justice	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
8	Ancient Philosophy	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
9	Imaginary and Real in the History of Political Thought	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
10	Imaginary and Real in the History of Political Thought	E	6,00			6,00		PC-5, UC-1, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
11	20th Century Painting: A Philosophical Introduction	E	6,00			6,00		PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
12	Political Philosophy	E	6,00			6,00		PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
13	Russian Philosophy of the XIX-XX Centuries for Cinema: from Word to Image	E	6,00			6,00		PC-5, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5
	<b>Minor</b>		<b>24,00</b>	<b>12,00</b>	<b>6,00</b>	<b>6,00</b>		
1	Academic Writing. Advanced English (offered in a foreign language)	E	6,00				6,00	UC-10, UC-11, UC-4, UC-5, UC-6
2	Differential Equations	E	6,00				6,00	GPC-1, PC-3, UC-2, UC-6
3	Introduction to Neuroscience	E	6,00				6,00	PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
4	Introduction to Astrophysics	E	6,00				6,00	GPC-4, PC-1, PC-2, PC-3, PC-4, PC-6
5	Great Russian Books	E	6,00				6,00	PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
6	Cinema by touch: history and practice	E	6,00				6,00	PC-5, UC-3, UC-4, UC-5, UC-6
7	Introduction to Computer Science	E	6,00				6,00	GPC-1, PC-6, UC-1, UC-2, UC-6
8	The Fantastic in World Literature. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-4, UC-5

9	Politics and Western Art from Antiquity to Modernity. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-1, UC-2, UC-6
10	Theoretical Foundations of Computer Science	E	6,00				6,00	GPC-1, PC-5, UC-1, UC-2, UC-6
11	Economics of the Soviet Film Industry	E	6,00				6,00	UC-1, UC-3, UC-4, UC-5
12	Modern Algebra	E	6,00				6,00	GPC-1, PC-3, UC-2, UC-3, UC-6
13	Stochastic Processes	E	6,00				6,00	GPC-1, PC-3, UC-1, UC-6
14	Modern Global Climate Change	E	6,00				6,00	GPC-1, GPC-4, PC-5, PC-6, UC-1, UC-10, UC-2, UC-3, UC-4, UC-5
15	Introduction to Psychology	E	6,00				6,00	PC-5, PC-6, UC-1, UC-3, UC-4, UC-5, UC-6
16	Business Negotiations and Discussions. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-3, UC-4, UC-5, UC-6
17	Theories Writing and Creativity. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-3, UC-4, UC-5, UC-6
18	English through History and Culture. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-3, UC-4, UC-5, UC-6
19	Introduction to Russian Law for Economists	E	6,00				6,00	PC-4, PC-5, PC-6, UC-1, UC-10, UC-2
20	Drama and Theatre. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-3, UC-4, UC-5, UC-6
21	Aesthetics of the Beautiful and the Monstrous in the European Visual Culture. Advanced English (offered in a foreign language)	E	6,00				6,00	PC-5, UC-3, UC-4, UC-5, UC-6
22	The Adventures of the Gaze: the Author's Strategies of the Film Language	E	6,00				6,00	PC-6, UC-3, UC-4, UC-5, UC-6
23	Introduction to Astrophysics	E	6,00	6,00				GPC-4, PC-1, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
24	Introduction to Computer Science	E	6,00	6,00				GPC-1, PC-6, UC-1, UC-2, UC-6
25	Introduction to Physics of the XXth Century	E	6,00	6,00				GPC-1, PC-5, PC-6, UC-1, UC-2, UC-6
26	Theoretical Foundations of Computer Science	E	6,00	6,00				GPC-1, PC-5, UC-1, UC-2, UC-6
27	Introduction to Neuroscience	E	6,00	6,00				PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
28	Introduction to LaTeX	E	3,00	3,00				GPC-1, PC-5, UC-1, UC-2, UC-6
29	Great Russian Books	E	6,00	6,00				PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
30	Introduction to Modern Topology	E	6,00	6,00				GPC-1, GPC-2, UC-2, UC-6
31	Introduction to Social Anthropology	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
32	Introduction to Sociology	E	6,00	6,00				PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
33	Introduction to Political Science	E	6,00	6,00				PC-5, UC-1, UC-3, UC-6
34	Academic Writing. Advanced English (offered in a foreign language)	E	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
35	Introduction to Psychology	E	6,00	6,00				PC-5, PC-6, UC-1, UC-3, UC-4, UC-5, UC-6
36	Russian Constitutional Law	E	6,00	6,00				PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6

37	Unreal City: Urban Environments in Literature and Film. Advanced English (offered in a foreign language)	E	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
38	European Literature Masterpieces	E	6,00	6,00				PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
39	Into the Wild: The Romantic Tradition in the United States. Advanced English (offered in a foreign language)	E	6,00	6,00				PC-5, UC-3, UC-4, UC-5, UC-6
40	The Fantastic in World Literature. Advanced English (offered in a foreign language)	E	6,00	6,00				PC-5, UC-4, UC-5
41	Introduction to Social Anthropology	E	6,00	6,00				PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
42	Museums as Political, Economic and Social Institutions	E	6,00	6,00				PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
43	Academic Writing. Advanced English (offered in a foreign language)	E	6,00		6,00			PC-5, UC-3, UC-4, UC-5, UC-6
44	Introduction to Astrophysics	E	6,00		6,00			GPC-4, PC-1, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
45	Introduction to Neuroscience	E	6,00		6,00			PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
46	Introduction to Psychology	E	6,00		6,00			PC-5, PC-6, UC-1, UC-3, UC-4, UC-5, UC-6
47	Introduction to Social Anthropology	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
48	Introduction to Physics of the XXth Century	E	6,00		6,00			GPC-1, PC-5, PC-6, UC-1, UC-2, UC-6
49	Museums as Political, Economic and Social Institutions	E	6,00		6,00			PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
50	Introduction to Computer Science	E	6,00		6,00			GPC-1, PC-6, UC-1, UC-2, UC-6
51	Modern Algebra	E	6,00		6,00			GPC-1, UC-2, UC-6
52	Contemporary Literature: Constructing Institutional History	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
53	Theoretical Foundations of Computer Science	E	6,00		6,00			GPC-1, PC-5, UC-1, UC-2, UC-6
54	Introduction to Political Science	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
55	Introduction to Sociology	E	6,00		6,00			PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
56	Differential Equations	E	6,00		6,00			GPC-1, PC-3, UC-2, UC-6
57	Dynamic Optimization	E	6,00		6,00			GPC-1, GPC-3, UC-1, UC-2, UC-6
58	English for Business Negotiations. Advanced English (offered in a foreign language)	E	6,00		6,00			PC-5, UC-3, UC-4, UC-5, UC-6
59	The Hero in Popular Culture. Advanced English (offered in a foreign language)	E	6,00	6,00				PC-5, UC-4, UC-5
60	Discussing the Big Questions. Advanced English (offered in a foreign language)	E	6,00		6,00			PC-5, UC-3, UC-4, UC-5, UC-6
61	The Fantastic in World Literature. Advanced English (offered in a foreign language)	E	6,00		6,00			PC-5, UC-3, UC-4, UC-5, UC-6
62	Human Rights in International Politics (offered in a foreign language)	E	6,00		6,00			PC-5, UC-1, UC-3, UC-6
63	Stochastic Processes	E	6,00			6,00		GPC-1, PC-3, UC-1, UC-6



64	Academic Writing. Advanced English (offered in a foreign language)	E	6,00			6,00		PC-5, UC-11, UC-3, UC-4, UC-5, UC-6
65	Introduction to Social Anthropology	E	6,00			6,00		PC-5, UC-1, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
66	Introduction to Astrophysics	E	6,00			6,00		GPC-4, UC-1, UC-2, UC-3, UC-4, UC-6
67	Introduction to Neuroscience	E	6,00			6,00		PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
68	Introduction to Modern Topology	E	6,00			6,00		GPC-1, GPC-2, UC-2, UC-6
69	Great Russian Books	E	6,00			6,00		PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
70	Dynamic Optimization	E	6,00			6,00		GPC-1, GPC-3, UC-1, UC-2, UC-6
71	Differential Equations	E	6,00			6,00		GPC-1, PC-3, UC-2, UC-6
72	Drama and Theatre. Advanced English (offered in a foreign language)	E	6,00			6,00		UC-3, UC-4, UC-5, UC-6
73	Introduction to Computer Science	E	6,00			6,00		GPC-1, PC-6, UC-1, UC-2, UC-6
74	The Fantastic in World Literature. Advanced English (offered in a foreign language)	E	6,00			6,00		PC-5, UC-3, UC-4, UC-5, UC-6
75	Museums as Political, Economic and Social Institutions	E	6,00			6,00		PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
76	Theoretical Foundations of Computer Science	E	6,00			6,00		GPC-1, PC-5, UC-1, UC-2, UC-6
77	Introduction to Psychology	E	6,00			6,00		PC-5, PC-6, UC-1, UC-3, UC-4, UC-5, UC-6
78	Cinema by touch: history and practice	E	6,00			6,00		PC-5, UC-3, UC-4, UC-5, UC-6
79	Religion and the Making of Modern America. Advanced English (offered in a foreign language)	E	6,00					PC-5, UC-4, UC-5, UC-6
80	Modern Short Stories. Advanced English (offered in a foreign language)	E	6,00			6,00		PC-5, UC-3, UC-4, UC-5, UC-6
81	Introduction to Visual Culture. Advanced English (offered in a foreign language)	E	6,00			6,00		PC-5, UC-3, UC-4, UC-5, UC-6
82	Competition and Intellectual property Law in the Digital Age	E	6,00			6,00		PC-5, UC-1, UC-3, UC-6
83	Politics and Western Art from Antiquity to Modernity. Advanced English (offered in a foreign language)	E	6,00			6,00		GPC-1, PC-5, PC-6, UC-1, UC-2, UC-6
	English							
	Examinations							
1	Independent English Exam (offered in a foreign language)	C						UC-4, UC-6
	Data Culture		6,00			6,00		
1	Machine Learning 1	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-2, UC-1, UC-2
2	Machine Learning 2	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-2
3	Fundamentals of Business Analytics and Data Analysis (offered in a foreign language)	E	6,00				6,00	GPC-2, GPC-3, GPC-4, PC-2, UC-2
4	Data Science	C	6,00			6,00		GPC-1, GPC-3, PC-5, UC-6
5	Machine Learning	E	6,00			6,00		GPC-1, GPC-2, PC-5, UC-1, UC-2
6	Fundamentals of Business Analytics and Data Analysis (offered in a foreign language)	E	6,00				6,00	GPC-1, GPC-2, GPC-3, PC-2, PC-3

7	Machine Learning	E	6,00			6,00		GPC-1, GPC-2, PC-5, UC-1, UC-2
8	Machine Learning 2	E	6,00			6,00		GPC-1, GPC-2, GPC-3, PC-2, 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-4, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-7, UC-8, UC-9

**Curriculum agreed:**

Academic Supervisor	SUVOROV A.D.	08.04.2021
Dean	PEKARSKIY S.E.	10.04.2021
Head of Centre for Educational Model Design	LEPESHKIN I.A.	19.04.2021

\* Subject type:

Compulsory course	C
Elective course	E