



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 01.03.02 Applied Mathematics and Information Science,  
 38.03.04 Public Administration,  
 37.03.01 Psychology,  
 41.03.04 Political Science,  
 39.03.01 Sociology

Educational Programme "Computational Social Sciences"

Specializations: "Computational Analytics in State Governance", "Computational Analytics in State Governance with Advanced Curriculum in Applied Mathematics and Information Science", "Computational Political Science", "Computational Political Science with Advanced Curriculum in Applied Mathematics and Information Science", "Computational Psychology", "Computational Psychology with Advanced Curriculum in Applied Mathematics and Information Science", "Computational Sociology", "Computational Sociology with Advanced Curriculum in Applied Mathematics and Information Science"

Implementing unit: Faculty of Social Sciences, HSE - Moscow

Years of Study: 2023/2024 - 2026/2027

Length of Programme: 4 years

Mode of Study: Full Time

Degree: Bachelor's degree

APPROVED  
 30.05.2023

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		169,00	57,00	36,00	46,00	30,00	
	Core Professional Block (Major)		97,00	38,00	23,00	16,00	20,00	
1	Machine Learning 1	C	5,00			5,00		GPC-2.POL, GPC-6.PUA, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-3, UC-6, UC-9
2	Calculus	C	8,00		8,00			GPC-2.SOC, GPC-3.POL, GPC-5.PUA, PC-10, PC-11, PC-12, UC-1, UC-2, UC-4, UC-6, UC-9
3	Regression analysis of socio-economic processes	C	7,00			7,00		GPC-2.SOC, GPC-3.AMI, GPC-5.PUA, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
4	Probability Theory and Mathematical Statistics	C	9,00		9,00			GPC-2.SOC, GPC-3.AMI, GPC-5.PUA, PC-10, PC-11, PC-12, PC-5, UC-1, UC-2, UC-9

5	Choice and Decision Theory	C	5,00				5,00	GPC-1.PSY, GPC-2.SOC, GPC-3.POL, GPC-4.AMI, GPC-5.PUA, PC-1, PC-10, PC-2, PC-27, PC-5, PC-8, PC-9, UC-1, UC-10, UC-2, UC-3, UC-4, UC-5, UC-6, UC-8, UC-9
6	Cooperative Games	C	4,00				4,00	GPC-1.PSY, GPC-2.SOC, GPC-3.POL, GPC-4.AMI, GPC-5.PUA, PC-11, PC-27, PC-5, UC-1, UC-10, UC-2, UC-3, UC-4, UC-5, UC-6, UC-9
7	Introduction to Network Analysis	C	3,00				3,00	GPC-2.SOC, GPC-3.POL, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-4, UC-5, UC-6, UC-9
8	Advanced Network Analysis Methods	C	4,00				4,00	GPC-2.SOC, GPC-3.PSY, GPC-4.POL, GPC-5.PUA, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6, UC-9
9	Psychology of Personality and Individual Differences	C	4,00			4,00		GPC-1.AMI, GPC-2.PSY, GPC-3.PUA, GPC-5.POL, PC-1, PC-2, PC-20, PC-3, UC-1, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6
10	Macroeconomics	C	6,00		6,00			GPC-1.AMI, GPC-2.SOC, GPC-3.POL, GPC-5.PUA, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
11	165	C	4,00	4,00				GPC-1.PSY, GPC-2.AMI, GPC-3.AMI, GPC-4.AMI, GPC-5.AMI, GPC-7.POL, PC-10, PC-12, PC-13, PC-15, PC-16, PC-17, PC-19, PC-26, PC-29, PC-32, PC-35, PC-5, UC-1, UC-2, UC-4, UC-6, UC-9
12	C++ Programming	C	6,00	6,00				GPC-1.AMI, GPC-2.AMI, GPC-3.AMI, GPC-4.AMI, GPC-5.AMI, GPC-7.PSY, PC-10, PC-12, PC-13, PC-16, PC-17, PC-5, UC-1, UC-2, UC-4, UC-6, UC-9
13	Algorithms and Data Structures	C	9,00	9,00				GPC-1.PSY, GPC-2.SOC, GPC-3.AMI, GPC-5.PUA, GPC-7.POL, PC-10, PC-12, PC-13, PC-5, PC-8, UC-1, UC-2, UC-4, UC-6, UC-9
14	Discrete Mathematics	C	5,00	5,00				GPC-1.AMI, GPC-2.SOC, GPC-3.PSY, GPC-5.PUA, PC-10, PC-11, PC-12, PC-5, UC-1, UC-2, UC-4, UC-6, UC-9
15	Linear Algebra and Geometry	C	7,00	7,00				GPC-1.AMI, GPC-2.SOC, GPC-3.PSY, GPC-5.PUA, PC-10, PC-11, PC-12, PC-5, UC-1, UC-2, UC-4, UC-6, UC-9

16	Calculus	C	7,00	7,00				GPC-2.SOC, GPC-3.AMI, GPC-5.PUA, PC-10, PC-11, PC-12, PC-5, UC-1, UC-2, UC-4, UC-6, UC-9
17	Quantitative Methods and Models of State Effectiveness Evaluation	C	4,00				4,00	GPC-1.SOC, GPC-2.POL, GPC-3.AMI, GPC-4.AMI, GPC-8.PUA, GPC-9.PSY, PC-10, PC-11, PC-12, PC-14, PC-15, PC-17, PC-18, PC-19, PC-21, PC-22, PC-3, PC-32, PC-33, PC-8, PC-9, UC-2, UC-9
	Elective Professional Block (Major)		72,00	19,00	13,00		30,00	10,00
	Elective Courses (Block 2)		3,00					3,00
1	Mathematical Models in Political Economy	E	3,00					3,00
2	Classification and Profiling Methods in the Social Sciences	E	3,00					3,00
	Elective Courses (Block 1)		3,00					3,00
1	Computational Methods for Text Analysis	E	3,00					3,00
2	Computational Modeling of Social Processes	E	3,00					3,00
	Elective Courses 3rd Year (1 out of 2)		5,00				5,00	
1	Time Series Modeling	E	5,00				5,00	
2	Database Theory	E	5,00				5,00	
	Дисциплины специализаций		53,00	19,00	10,00		20,00	4,00
	Computational Analytics in State Governance with Advanced Curriculum in Applied Mathematics and Information Science		52,00	19,00	10,00		19,00	4,00
1	Public Finance	C	5,00		5,00			
2	Optimization in Machine Learning	C	4,00					4,00

3	Public Economics	C	5,00		5,00			GPC-5.PUA, GPC-6.PUA, PC-18, PC-19, PC-20, PC-21, PC-28, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	Management, Economics and Politics in Social Services	C	5,00			5,00		GPC-2.PUA, GPC-6.PUA, GPC-7.PUA, PC-18, PC-19, PC-20, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Fundamentals of Corporate Finance	C	3,00			3,00		GPC-5.PUA, PC-18, PC-19, PC-20, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Local Government	C	5,00			5,00		GPC-2.PUA, GPC-3.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Financial Technology	C	3,00			3,00		GPC-5.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	Sociology	C	3,00			3,00		GPC-5.PUA, PC-18, PC-19, PC-20, PC-29, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	General Management	C	6,00	6,00				GPC-2.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-9
10	Legal foundations of state and municipal government	C	5,00	5,00				GPC-1.PUA, GPC-4.PUA, GPC-6.PUA, GPC-7.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	Microeconomics	C	8,00	8,00				GPC-5.PUA, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
	Computational Psychology		53,00	19,00	10,00	20,00	4,00	
	Compulsory Disciplines of Computational Psychology		49,00	19,00	10,00	20,00		
1	Research Seminar: Text Data Analysis in Social Research	C	3,00			3,00		GPC-1.PSY, PC-40, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Cognitive Psychology	C	7,00		7,00			GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-7.PSY, GPC-8.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Experimental Psychology	C	6,00			6,00		GPC-2.PSY, GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	Social Psychology	C	4,00			4,00		GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9

5	Clinical Psychology	C	4,00			4,00	GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-7.PSY, GPC-8.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Sociology	C	3,00			3,00	GPC-3.PSY, PC-37, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Speech Etiquette: Politeness and Communication Strategies	C	3,00		3,00		GPC-4.PSY, GPC-6.PSY, GPC-7.PSY, GPC-9.PSY, PC-24, UC-4, UC-5
8	Introduction to Psychology	C	4,00	4,00			GPC-2.PSY, GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	Anatomy and Physiology of the Central Nervous System	C	7,00	7,00			GPC-2.PSY, PC-38, PC-40, UC-1, UC-10, UC-11, UC-2, UC-4, UC-5, UC-6, UC-9
10	Research Seminar: Legal and Ethical Foundations of Psychological Practice	C	4,00	4,00			GPC-2.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-8.PSY, GPC-9.PSY, PC-37, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	Psychology of Motivation and Emotions	C	4,00	4,00			GPC-2.PSY, GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Elective Disciplines of Computational Psychology		4,00			4,00	
1	Economic Sociology-2	E	4,00			4,00	GPC-2.SOC, GPC-3.SOC, PC-2, PC-3, PC-42, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Modeling of Economic Behavior of Households	E	4,00			4,00	GPC-1.SOC, GPC-2.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Introduction to Market Research	E	4,00			4,00	GPC-4.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	Electoral Analysis	E	4,00			4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Political projects of the XX century	E	4,00			4,00	GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Political Propaganda: History and Modernity	E	4,00			4,00	GPC-3.POL, GPC-4.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Modern GR: How Everything Works in Practice	E	4,00			4,00	GPC-5.POL, GPC-6.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9

8	Foundations of Normative Thinking about Modern Politics	E	4,00				4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	Main Counseling Approaches	E	4,00				4,00	GPC-3.SOC, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
10	Industrial and Organizational Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	Data Analysis in HR and Social Studies	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
12	Survey Methods in Psychological Research	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
13	Psychology of Intergroup Relationships	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
14	Economic Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Computational Sociology with Advanced Curriculum in Applied Mathematics and Information Science		52,00	19,00	10,00	19,00	4,00	
	Compulsory Disciplines of Computational Sociology AMIS		48,00	19,00	10,00	15,00	4,00	
1	Research Seminar: Text Data Analysis in Social Research	C	3,00			3,00		GPC-1.SOC, PC-1, PC-10, PC-2, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	The Political Economy of Development	C	4,00		4,00			GPC-1.SOC, GPC-2.SOC, GPC-4.SOC, PC-1, PC-2, PC-3, UC-1, UC-6
3	Social Structure and Social Stratification	C	3,00			3,00		GPC-2.SOC, PC-3, PC-4, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	Social and Economic Anthropology	C	3,00			3,00		GPC-2.SOC, PC-2, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Optimization in Machine Learning	C	4,00				4,00	GPC-2.AMI, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-4, UC-6, UC-9
6	Sociological Theory	C	20,00	8,00	6,00	6,00		GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-2, PC-3, PC-36, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Microeconomics	C	4,00	4,00				GPC-2.SOC, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
8	Macroeconomics	C	7,00	7,00				GPC-2.SOC, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9

	Elective Disciplines of Computational Sociology AMIS		4,00			4,00	
1	Economic Sociology-2	E	4,00			4,00	GPC-2.SOC, GPC-3.SOC, PC-2, PC-3, PC-42, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Modeling of Economic Behavior of Households	E	4,00			4,00	GPC-1.SOC, GPC-2.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Introduction to Market Research	E	4,00			4,00	GPC-4.SOC, PC-10, PC-11, PC-2, PC-3, PC-36, PC-4, PC-5, UC-1, UC-10, UC-4, UC-5, UC-6, UC-9
	Computational Psychology with Advanced Curriculum in Applied Mathematics and Information Science		52,00	19,00	10,00	19,00	4,00
1	Research Seminar: Text Data Analysis in Social Research	C	3,00			3,00	GPC-1.PSY, PC-40, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Social Psychology	C	4,00			4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Psychology of insight	C	5,00			5,00	GPC-1.PSY, GPC-3.PSY, PC-37, PC-38, PC-39, PC-40, UC-1, UC-2, UC-4, UC-5, UC-6, UC-9
4	Clinical Psychology	C	4,00			4,00	GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-7.PSY, GPC-8.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Sociology	C	3,00			3,00	GPC-3.PSY, PC-37, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Speech Etiquette: Politeness and Communication Strategies	C	3,00		3,00		GPC-4.PSY, GPC-6.PSY, GPC-7.PSY, GPC-9.PSY, PC-24, UC-4, UC-5
7	Cognitive Psychology	C	7,00		7,00		GPC-2.PSY, GPC-3.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-7.PSY, GPC-8.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	Optimization in Machine Learning	C	4,00			4,00	GPC-2.AMI, GPC-9.PSY, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-4, UC-6, UC-9
9	Introduction to Psychology	C	4,00	4,00			GPC-2.PSY, GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
10	Anatomy and Physiology of the Central Nervous System	C	7,00	7,00			GPC-2.PSY, PC-38, PC-40, UC-1, UC-10, UC-11, UC-2, UC-4, UC-5, UC-6, UC-9

11	Research Seminar: Legal and Ethical Foundations of Psychological Practice	C	4,00	4,00				GPC-2.PSY, GPC-4.PSY, GPC-5.PSY, GPC-6.PSY, GPC-8.PSY, GPC-9.PSY, PC-37, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
12	Psychology of Motivation and Emotions	C	4,00	4,00				GPC-2.PSY, GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Computational Analytics in State Governance		53,00	19,00	10,00	20,00	4,00	
	Compulsory Disciplines of Computational Analytics in State Governance		49,00	19,00	10,00	20,00		
1	Public Economics	C	5,00		5,00			GPC-5.PUA, GPC-6.PUA, PC-18, PC-19, PC-20, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Management, Economics and Politics in Social Services	C	5,00			5,00		GPC-2.PUA, GPC-6.PUA, GPC-7.PUA, PC-18, PC-19, PC-20, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Public Finance	C	5,00		5,00			GPC-1.PUA, GPC-4.PUA, GPC-5.PUA, GPC-7.PUA, PC-1, PC-12, PC-22, PC-23, UC-1, UC-4, UC-9
4	Fundamentals of Corporate Finance	C	3,00			3,00		GPC-5.PUA, PC-18, PC-19, PC-20, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Local Government	C	5,00			5,00		GPC-2.PUA, GPC-3.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Sociology	C	3,00			3,00		GPC-5.PUA, PC-18, PC-19, PC-20, PC-29, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Finance Management	C	4,00			4,00		GPC-5.PUA, PC-18, PC-19, PC-20, PC-29, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	Legal foundations of state and municipal government	C	5,00	5,00				GPC-1.PUA, GPC-4.PUA, GPC-6.PUA, GPC-7.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, PC-30, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	General Management	C	6,00	6,00				GPC-2.PUA, PC-21, PC-22, PC-23, PC-24, PC-25, PC-28, UC-1, UC-10, UC-11, UC-2, UC-3, UC-4, UC-5, UC-6, UC-9
10	Microeconomics	C	8,00	8,00				GPC-5.PUA, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
	Elective Disciplines of Computational Analytics in State Governance		4,00				4,00	



1	Economic Sociology-2	E	4,00				4,00	GPC-2.SOC, GPC-3.SOC, PC-2, PC-3, PC-42, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Modeling of Economic Behavior of Households	E	4,00				4,00	GPC-1.SOC, GPC-2.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Introduction to Market Research	E	4,00				4,00	GPC-4.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	Electoral Analysis	E	4,00				4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Political projects of the XX century	E	4,00				4,00	GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Political Propaganda: History and Modernity	E	4,00				4,00	GPC-3.POL, GPC-4.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Modern GR: How Everything Works in Practice	E	4,00				4,00	GPC-5.POL, GPC-6.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	Foundations of Normative Thinking about Modern Politics	E	4,00				4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	Main Counseling Approaches	E	4,00				4,00	GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
10	Industrial and Organizational Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	Data Analysis in HR and Social Studies	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
12	Survey Methods in Psychological Research	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
13	Psychology of Intergroup Relationships	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
14	Economic Psychology	E	4,00				4,00	GPC-2.SOC, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Computational Political Science		50,00	19,00	10,00	17,00	4,00	
	Elective Disciplines of Computational Political Science		4,00				4,00	

1	Economic Sociology-2	E	4,00				4,00	GPC-2.SOC, GPC-3.SOC, PC-2, PC-3, PC-42, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Modeling of Economic Behavior of Households	E	4,00				4,00	GPC-1.SOC, GPC-2.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Introduction to Market Research	E	4,00				4,00	GPC-4.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	Electoral Analysis	E	4,00				4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Political projects of the XX century	E	4,00				4,00	GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Political Propaganda: History and Modernity	E	4,00				4,00	GPC-3.POL, GPC-4.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Modern GR: How Everything Works in Practice	E	4,00				4,00	GPC-5.POL, GPC-6.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	Foundations of Normative Thinking about Modern Politics	E	4,00				4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	Main Counseling Approaches	E	4,00				4,00	GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
10	Industrial and Organizational Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	Data Analysis in HR and Social Studies	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
12	Survey Methods in Psychological Research	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
13	Psychology of Intergroup Relationships	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
14	Economic Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Compulsory Disciplines of Computational Political Science		46,00	19,00	10,00	17,00		

1	Research Seminar: Text Data Analysis in Social Research	C	3,00			3,00		GPC-2.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Comparative Politics	C	4,00			4,00		GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Psychology	C	3,00			3,00		GPC-3.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	World Politics and International Relations	C	4,00			4,00		GPC-4.POL, PC-31, PC-32, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Sociology	C	3,00			3,00		GPC-3.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Contemporary Russian Politics	C	5,00		5,00			GPC-5.POL, GPC-6.POL, PC-25, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Comparative Politics	C	5,00		5,00			GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	The History of Modern Russia	C	6,00	6,00				GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	Categories of Political Science	C	5,00	5,00				GPC-3.POL, GPC-4.POL, GPC-6.POL, PC-31, PC-32, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
10	The History of Political Thought	C	8,00	8,00				GPC-3.POL, PC-18, PC-20, PC-25, PC-26, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Computational Sociology		52,00	19,00	10,00	19,00	4,00	
	Compulsory Disciplines of Computational Sociology		44,00	19,00	10,00	15,00		
1	Research Seminar: Text Data Analysis in Social Research	C	3,00			3,00		GPC-1.SOC, PC-1, PC-10, PC-2, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Social Structure and Social Stratification	C	3,00			3,00		GPC-2.SOC, PC-3, PC-4, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Social and Economic Anthropology	C	3,00			3,00		GPC-2.SOC, PC-2, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	The Political Economy of Development	C	4,00		4,00			GPC-1.SOC, GPC-2.SOC, GPC-4.SOC, PC-1, PC-2, PC-3, UC-1, UC-6
5	Sociological Theory	C	20,00	8,00	6,00	6,00		GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-2, PC-3, PC-36, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9

6	Macroeconomics	C	7,00	7,00			GPC-2.SOC, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
7	Microeconomics	C	4,00	4,00			GPC-2.SOC, PC-1, PC-10, PC-2, PC-4, PC-5, PC-8, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
Дисциплины по выбору 3 курс			4,00			4,00	
1	Modeling of Economic Behavior of Households	E	4,00			4,00	GPC-1.SOC, GPC-2.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Introduction to Market Research	E	4,00			4,00	GPC-4.SOC, PC-10, PC-11, PC-2, PC-3, PC-36, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Economic Sociology-2	E	4,00			4,00	GPC-2.SOC, GPC-3.SOC, PC-2, PC-3, PC-42, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
Дисциплины по выбору 4 курс			4,00			4,00	
1	Economic Sociology-2	E	4,00			4,00	GPC-2.SOC, GPC-3.SOC, PC-2, PC-3, PC-42, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Modeling of Economic Behavior of Households	E	4,00			4,00	GPC-1.SOC, GPC-2.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Introduction to Market Research	E	4,00			4,00	GPC-4.SOC, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-4, UC-5, UC-6, UC-9
4	Electoral Analysis	E	4,00			4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Political projects of the XX century	E	4,00			4,00	GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Political Propaganda: History and Modernity	E	4,00			4,00	GPC-3.POL, GPC-4.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Modern GR: How Everything Works in Practice	E	4,00			4,00	GPC-5.POL, GPC-6.POL, GPC-7.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
8	Foundations of Normative Thinking about Modern Politics	E	4,00			4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	Main Counseling Approaches	E	4,00			4,00	GPC-3.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9

10	Industrial and Organizational Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	Data Analysis in HR and Social Studies	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
12	Survey Methods in Psychological Research	E	4,00				4,00	GPC-1.PSY, GPC-3.PSY, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
13	Psychology of Intergroup Relationships	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
14	Economic Psychology	E	4,00				4,00	GPC-2.PSY, PC-37, PC-38, PC-39, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Computational Political Science with Advanced Curriculum in Applied Mathematics and Information Science		52,00	19,00	10,00	19,00	4,00	
1	Comparative Politics	C	4,00				4,00	GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Psychology	C	3,00				3,00	GPC-3.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Sociology	C	3,00				3,00	GPC-3.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
4	World Politics and International Relations	C	4,00				4,00	GPC-4.POL, PC-31, PC-32, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
5	Political Regional Studies	C	5,00				5,00	GPC-4.POL, GPC-5.POL, GPC-6.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
6	Contemporary Russian Politics	C	5,00		5,00			GPC-5.POL, GPC-6.POL, PC-25, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
7	Optimization in Machine Learning	C	4,00				4,00	GPC-2.AMI, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-4, UC-6, UC-9
8	Comparative Politics	C	5,00		5,00			GPC-3.POL, GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
9	The History of Modern Russia	C	6,00	6,00				GPC-4.POL, PC-31, PC-32, PC-33, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9

10	Categories of Political Science	C	5,00	5,00			GPC-3.POL, GPC-4.POL, GPC-6.POL, PC-31, PC-32, PC-34, PC-35, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
11	The History of Political Thought	C	8,00	8,00			GPC-3.POL, PC-18, PC-20, PC-25, PC-26, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	Disciplines of specializations with Advanced Curriculum in Applied Mathematics and Information Science		22,00		12,00	10,00	
1	Introduction to Deep Learning	E	5,00			5,00	GPC-2.AMI, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-6, UC-9
2	Machine Learning 2	E	5,00			5,00	GPC-2.AMI, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-6, UC-9
3	Computer Architecture and Operating Systems	E	8,00		8,00		GPC-2.AMI, PC-10, PC-12, PC-13, PC-17, PC-5, UC-1, UC-2, UC-4, UC-6, UC-9
4	Algorithms and Data Structures 2	E	4,00		4,00		GPC-1.PSY, GPC-2.SOC, GPC-3.AMI, GPC-4.AMI, GPC-5.PUA, GPC-7.POL, PC-10, PC-12, PC-13, PC-5, PC-8, UC-1, UC-2, UC-4, UC-6, UC-9
	Research seminar		8,00		3,00	5,00	
1	Research Seminar "Data Science in scientific"	C	5,00			5,00	GPC-1.PSY, GPC-2.AMI, GPC-6.PUA, PC-1, PC-10, PC-11, PC-12, PC-14, PC-4, PC-5, PC-8, PC-9, UC-1, UC-10, UC-2, UC-4, UC-6, UC-9
2	Research seminar "Methodology and research methods of social sciences"	C	3,00		3,00		GPC-1.PSY, GPC-2.SOC, GPC-3.AMI, GPC-4.AMI, GPC-5.PUA, GPC-7.POL, PC-10, PC-12, PC-13, PC-8, UC-1, UC-2, UC-4, UC-6, UC-9
	Internship		34,00		8,00		26,00
	Professional Internship		6,00				6,00
1	Work Experience Internship	C	6,00				6,00
	Project Internship		9,00		2,00		7,00
1	Project	E	2,00		2,00		GPC-2.PSY, GPC-3.SOC, GPC-4.AMI, GPC-6.PUA, GPC-7.POL, PC-37, PC-38, PC-39, PC-40, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Project Activity	E	7,00				7,00
	Research Internship		19,00		6,00		13,00

1	Graduation Internship	C	6,00				6,00	GPC-2.PSY, GPC-3.SOC, GPC-4.AMI, GPC-6.PUA, GPC-7.POL, PC-37, PC-38, PC-39, PC-40, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Preparation of Graduation Thesis	C	7,00				7,00	GPC-2.PSY, GPC-3.SOC, GPC-4.AMI, GPC-6.PUA, PC-37, PC-38, PC-39, PC-40, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
3	Курсовая работа	C	6,00			6,00		GPC-2.PSY, GPC-3.SOC, GPC-4.AMI, GPC-6.PUA, PC-37, PC-38, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	General Courses		12,00	3,00	5,00	4,00		
	Core General Courses		2,00	1,00	1,00			
1	Physical Training	C	1,00		1,00			UC-7
2	Safe Living Basics	C	1,00	1,00				GPC-1.POL, GPC-2.PSY, GPC-4.AMI, GPC-6.PUA, PC-39, UC-8
	Optional General Courses		10,00	2,00	4,00	4,00		
1	Law	C	4,00			4,00		GPC-1.SOC, GPC-2.PSY, GPC-4.AMI, PC-37, UC-10, UC-4
2	Foundations of Russian Statehood	C	2,00	2,00				GPC-3.PUA, GPC-4.SOC, GPC-8.PSY, PC-25, PC-3, PC-4, UC-5
3	Russian History	C	4,00		4,00			PC-1, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2, UC-5, UC-7, UC-8
	Minor		20,00		10,00	10,00		
1	Minor	E	20,00		10,00	10,00		UC-1, UC-2, UC-3
	English		1,00				1,00	
	Optional Courses							
1	English Language (offered in a foreign language)	O	14,00	8,00	6,00			GPC-1.AMI, GPC-2.SOC, PC-41, UC-4, UC-5
2	Academic Writing (offered in a foreign language)	O	2,00				2,00	GPC-1.AMI, UC-4, UC-5
	Examinations		1,00				1,00	
1	English Language Integrative Exam (offered in a foreign language)	C						PC-9, UC-4, UC-5, UC-8
2	Project Proposal (offered in a foreign language)	C	1,00				1,00	PC-1, PC-10, PC-11, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4
3	Independent English Exam (offered in a foreign language)	C						PC-9, UC-4, UC-5, UC-8
	Data Culture		1,00		1,00			
1	Independent Programming Test. Advanced Level	C						GPC-1.PSY, GPC-2.AMI, GPC-6.PUA, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
2	Independent Data Science Test. Advanced Level	C	1,00		1,00			GPC-2.AMI, GPC-6.PUA, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9

3	Independent Digital Literacy Test	C						GPC-1.PSY, GPC-2.AMI, GPC-6.PUA, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	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-2.PSY, GPC-3.SOC, GPC-4.AMI, GPC-6.PUA, PC-37, PC-38, PC-39, PC-40, PC-41, UC-1, UC-10, UC-2, UC-4, UC-5, UC-6, UC-9
	State Examinations							

**Curriculum agreed:**

Academic Supervisor SEDASHOV E.A. 26.05.2023

Dean MELVILLE A.Y. 26.05.2023

Head of Centre for Educational Model Design LEPESHKIN I.A. 30.05.2023

\* Subject type:

Compulsory course C

Elective course E

Optional course O