



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 41.04.04 Political Science,
39.04.01 Sociology

Educational Programme "Data Analytics for Politics and Society"

Trajectories: "Data Analytics for Politics and Society"

Implementing unit: St. Petersburg School of Social Sciences, HSE, HSE - Saint Petersburg

Years of Study: 2023/2024 - 2024/2025

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

APPROVED

12.05.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Data Analytics for Politics and Society (General track)		120,00	60,00	60,00	
	Key Seminars		18,00	9,00	9,00	
1	Research Seminar "Data Analytics for Politics and Society"	C	6,00	3,00	3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, GPC-7.POL, PC-1, PC-10, PC-2, PC-9, UC-1, UC-3, UC-5, UC-6
2	Mentor's Seminar	C	6,00	3,00	3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, GPC-9.POL, PC-9, UC-4, UC-6
3	Project Seminar	C	6,00	3,00	3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-8.POL, PC-10, PC-2, PC-3, PC-9, UC-2, UC-3, UC-5
	Internship		30,00	9,00	21,00	
	Project Internship		3,00	3,00		
1	Project	C	3,00	3,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-7.POL, GPC-8.POL, PC-1, PC-10, PC-3, PC-9, UC-2, UC-3
	Research Internship		27,00	6,00	21,00	

1	Курсовая работа	C	6,00	6,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, GPC-6.POL, GPC-7.POL, GPC-8.POL, GPC-9.POL, 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, UC-5, UC-6
2	Master Thesis Preparation	C	21,00		21,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, GPC-6.POL, GPC-7.POL, GPC-8.POL, GPC-9.POL, 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, UC-5, UC-6
Major			54,00	33,00	21,00	
Compulsory Courses 1 Year			30,00	30,00		
1	Data Analysis	C	6,00	6,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-3, PC-4, PC-5, UC-1
2	Computational Modeling for Social and Political Studies (offered in a foreign language)	C	3,00	3,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-3, PC-4, PC-5, PC-6, UC-1, UC-3
3	Text Mining and Natural Language Processing	C	3,00	3,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, PC-1, PC-2, PC-5, UC-2
4	Methodology and Methods of Social and Political Research (offered in a foreign language)	C	6,00	6,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-2, PC-3, PC-4, PC-5, PC-8, UC-3
5	Programming in R	C	3,00	3,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-4, PC-6, UC-3, UC-4
6	Social and Political Attitudes	C	6,00	6,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-6.POL, PC-11, PC-4, PC-5, PC-7, UC-1, UC-4
7	Modern Political Science (offered in a foreign language)	C	3,00	3,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-7.POL, GPC-8.POL, PC-1, PC-2, PC-7, PC-8, UC-1, UC-4
Elective Courses 1st year			3,00	3,00		
1	Social Network Analysis	E	3,00	3,00		GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, PC-4, PC-5, UC-3, UC-4
2	Selected Topics in Data Science	E	3,00	3,00		GPC-2.SOC, GPC-3.SOC, PC-1, PC-11, PC-2, PC-3, UC-1
3	Multilevel Modeling	E	3,00	3,00		GPC-2.SOC, GPC-3.SOC, GPC-4.POL, PC-4, PC-6, UC-3, UC-4, UC-5
Compulsory Courses 2 Year			15,00		15,00	
1	Data Analysis: Advanced Level	C	6,00		6,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-11, PC-3, PC-4, PC-5, UC-1

2	Text mining: Advanced Level	C	3,00		3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, PC-1, PC-2, PC-5, UC-2
3	Computational Modeling for Social and Political Studies: Advanced Level	C	3,00		3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-3, PC-4, PC-5, PC-6, PC-8, UC-1, UC-3
4	Methodology and Methods of Social and Political Research II (offered in a foreign language)	C	3,00		3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, PC-2, PC-3, PC-5, PC-8, UC-3
Elective courses 2 year			6,00		6,00	
1	Digital Politics: Eurasia in the Global Context (offered in a foreign language)	E	6,00		6,00	GPC-1.POL, GPC-2.SOC, GPC-3.POL, GPC-8.POL, PC-1, PC-11, PC-3, PC-8, UC-1, UC-4, UC-5
2	Analysis of Public Policy in the Post-Soviet Countries (offered in a foreign language)	E	6,00		6,00	GPC-3.SOC, GPC-4.SOC, GPC-6.POL, PC-3, PC-4, PC-8, UC-1, UC-4
Magolego			15,00	9,00	6,00	
1	All-university Pool MAGOLEGO Courses	E	15,00	9,00	6,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, GPC-6.POL, PC-1, PC-2, PC-4, PC-5, PC-6, PC-9, UC-1
Final State Certification (FSC)			3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-1.SOC, GPC-2.SOC, GPC-3.SOC, GPC-4.SOC, GPC-5.POL, GPC-6.POL, GPC-7.POL, GPC-8.POL, GPC-9.POL, 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, UC-5, UC-6

Curriculum agreed:

Academic Supervisor		11.04.2023
Dean		11.04.2023
Deputy Director	KUZMIN P.V.	11.04.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	05.05.2023

* Subject type:

Compulsory course

C

Elective course

E