



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 05.03.02 Geography

Educational Programme "Geography of Global Transformation and Geoinformation Technology"

Specializations: " Geoinformation Technology and Spatial Modeling", "Global Environmental and Climate Change", "Human Geography and Spatial Decisions"

Implementing unit: Faculty of Geography and Geoinformation Technology, HSE - Moscow

1 st, 2023/2024 academic year

APPROVED

06.06.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 4 years

Years of Study: 2023/2024 - 2026/2027

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	1 056	236	254	362	230	
	Data Culture					2			2		
1	Independent Digital Literacy Test	C	отдел развития цифровых компетенций			2			2A		Online Course
	Major			44,00	1 672	740	170	150	290	156	
	Core Professional Block (Major)			40,00	1 520	698	156	136	270	136	
	Disciplines on the basics of physical and social geography			25,00	950	378	70	72	168	68	
	Disciplines on the basics of social geography			15,00	570	156	28	28	72	28	
1	Geography of population	C	Faculty of Geography and Geoinformation Technology	4,00	152	40			40A		
2	Basics of human geography and area studies	C	Faculty of Geography and Geoinformation Technology	5,00	190	60			32	28A	
3	Political Theory Implications in Human Geography	C	Faculty of Geography and Geoinformation Technology	3,00	114	28		28A			
4	Social theory in geographic research	C	Faculty of Geography and Geoinformation Technology	3,00	114	28	28A				
	Disciplines on the basics of physical geography			10,00	380	222	42	44	96	40	
1	Earth System Components: Atmosphere and Hydrosphere	C	Faculty of Geography and Geoinformation Technology	5,00	190	86	42A	44A			
2	Earth System Components: Lythosphere, Pedosphere and Biosphere	C	Faculty of Geography and Geoinformation Technology	5,00	190	136			96A	40A	
	Disciplines on the basics of digital cartography, geoinformation technologies and remote sensing methods			10,00	380	192	58	32	68	34	

1	Remote sensing fundamentals	C	Faculty of Geography and Geoinformation Technology	5,00	190	96	28A	18	32A	18A	
2	Digital cartography and geographic information systems	C	Faculty of Geography and Geoinformation Technology	5,00	190	96	28	16A	34	18A	
	Math Disciplines			5,00	190	128	28	32	34	34	
1	Introduction to Advanced Mathematics	C	Department of Higher Mathematics	5,00	190	128	28	32A	34	34A	
	Elective Professional Block (Major)			4,00	152	42	14	14	20	20	
	Seminars and Career Guidance Disciplines			4,00	152	42	14	14	20	20	
1	Research Seminar "Introduction to Profession"	C	Faculty of Geography and Geoinformation Technology	4,00	152	42	12	14A	8	8A	
	English					2				2	
	Optional Courses										
1	English	O		8,00	304	128	20	28A	40	40A	Foreign language, Credits only to the cumulative rating
	Examinations					2				2	
1	English Language Integrative Exam	C	School of Foreign Languages			2				2A	Foreign language
	General Courses			10,00	380	310	66	104	70	70	
	Optional General Courses			9,00	342	156	14	70	36	36	
1	Russian History	C	School of History	4,00	152	72			36	36A	Online Course
2	Foundations of Russian Statehood	C	School of History	2,00	76	54		54A			
3	Economics	C	Department of Theoretical Economics	3,00	114	30	14	16A			Online Course
	Core General Courses			1,00	38	154	52	34	34	34	
1	Safe Living Basics	C	центр поддержки студенческих инициатив	1,00	38	18	18A				Online Course
2	Physical Training	C	Department of Physical Training			136	34	34	34	34A	
	Internship			6,00	228	2				2	
	Professional Internship			6,00	228	2				2	
1	Field Practice 1	C		6,00	228	2				2	

Curriculum agreed:

Academic Supervisor	KUZNETSOVA Y.S.	29.05.2023
Dean	KURICHEV N.K.	29.05.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	02.06.2023

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O

