



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 05.03.02 Geography

Educational Programme "Geography of Global Changes 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, 2024/2025 academic year

APPROVED

02.05.2024

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 4 years

Years of Study: 2024/2025 - 2027/2028

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>2 480</b>	<b>1 048</b>	<b>249</b>	<b>239</b>	<b>350</b>	<b>210</b>	
<b>Data Culture</b>						<b>2</b>			<b>2</b>		
1	Independent Digital Literacy Test	C	отдел развития цифровых компетенций			2			2A		Online Course
<b>Major</b>				<b>43,00</b>	<b>1 634</b>	<b>750</b>	<b>186</b>	<b>144</b>	<b>280</b>	<b>140</b>	
<b>Core Professional Block (Major)</b>				<b>38,00</b>	<b>1 444</b>	<b>678</b>	<b>164</b>	<b>130</b>	<b>258</b>	<b>126</b>	
<b>Disciplines on the basics of physical and social geography</b>				<b>20,00</b>	<b>760</b>	<b>344</b>	<b>66</b>	<b>68</b>	<b>150</b>	<b>60</b>	
<b>Disciplines on the basics of social geography</b>				<b>10,00</b>	<b>380</b>	<b>114</b>	<b>24</b>	<b>26</b>	<b>40</b>	<b>24</b>	
1	Geography of population	C	Faculty of Geography and Geoinformation Technology	5,00	190	50	24	26A			
2	Basics of Human Geography and Area Studies	C	Faculty of Geography and Geoinformation Technology	5,00	190	64			40	24A	
<b>Disciplines on the basics of physical geography</b>				<b>10,00</b>	<b>380</b>	<b>230</b>	<b>42</b>	<b>42</b>	<b>110</b>	<b>36</b>	
1	Earth System Components: Atmosphere and Hydrosphere	C	Faculty of Geography and Geoinformation Technology	5,00	190	84	42A	42A			
2	Earth System Components: Lythosphere, Pedosphere and Biosphere	C	Faculty of Geography and Geoinformation Technology	5,00	190	146			110A	36A	
<b>Disciplines on the basics of digital cartography, geoinformation technologies and remote sensing methods</b>				<b>10,00</b>	<b>380</b>	<b>192</b>	<b>56</b>	<b>34</b>	<b>64</b>	<b>38</b>	
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	32	20A	

	<b>Math Disciplines</b>			<b>8,00</b>	<b>304</b>	<b>142</b>	<b>42</b>	<b>28</b>	<b>44</b>	<b>28</b>	
1	Introduction to Advanced Mathematics	C	Department of Higher Mathematics	5,00	190	100		28	44A	28A	
2	Introduction to Physics	C	Faculty of Geography and Geoinformation Technology	3,00	114	42	42A				
	<b>Elective Professional Block (Major)</b>			<b>5,00</b>	<b>190</b>	<b>72</b>	<b>22</b>	<b>14</b>	<b>22</b>	<b>14</b>	
	<b>Seminars and Career Guidance Disciplines</b>			<b>5,00</b>	<b>190</b>	<b>72</b>	<b>22</b>	<b>14</b>	<b>22</b>	<b>14</b>	
	<b>Research Seminars</b>			<b>5,00</b>	<b>190</b>	<b>72</b>	<b>22</b>	<b>14</b>	<b>22</b>	<b>14</b>	
1	Research Seminar "Introduction to Profession"	C	Faculty of Geography and Geoinformation Technology	5,00	190	72	22	14A	22	14A	
	<b>English</b>					<b>2</b>				<b>2</b>	
	<b>Optional Courses</b>										
1	English	O		8,00	304	128	20	28A	40	40A	Foreign language, Credits only to the cumulative rating
	<b>Examinations</b>					<b>2</b>				<b>2</b>	
1	English Language Integrative Exam	C	School of Foreign Languages			2				2A	Foreign language
	<b>General Courses</b>			<b>10,00</b>	<b>580</b>	<b>294</b>	<b>63</b>	<b>95</b>	<b>68</b>	<b>68</b>	
	<b>Optional General Courses</b>			<b>9,00</b>	<b>342</b>	<b>132</b>	<b>26</b>	<b>58</b>	<b>24</b>	<b>24</b>	
1	Russian History	C	School of History	4,00	152	76	12	16A	24	24A	Online Course
2	Foundations of Russian Statehood	C	School of History	2,00	76	26		26A			Online Course
3	Economics	C	Department of Theoretical Economics	3,00	114	30	14	16A			Online Course
	<b>Core General Courses</b>			<b>1,00</b>	<b>238</b>	<b>162</b>	<b>37</b>	<b>37</b>	<b>44</b>	<b>44</b>	
1	Safe Living Basics	C	центр поддержки студенческих инициатив	1,00	38	18	9	9A			Online Course
2	Physical Training	C	Department of Physical Training		200	144	28	28	44	44A	
	<b>Internship</b>			<b>7,00</b>	<b>266</b>						
	<b>Professional Internship</b>			<b>7,00</b>	<b>266</b>						
1	Field Practice 1	C		7,00	266						

**Curriculum agreed:**

Academic Supervisor	Matasov V.M.	24.04.2024
Dean	KURICHEV N.K.	24.04.2024
Head of Centre for Educational Model Design	LEPESHKIN I.A.	26.04.2024

\* Subject type:

Compulsory course

C

Elective course

E

Optional course

O