



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 01.04.02 Applied Mathematics and Informatics  
Educational Programme "UX Analytics and Information System Design"

Trajectories: "UX Analytics and Information Systems Design"  
Implementing unit: St. Petersburg School of Mathematics,  
Physics and Computer Science, HSE, HSE - Saint Petersburg  
1 st, 2024/2025 academic year

APPROVED  
19.04.2024

Vice Rector  
ROSHCHIN S.Y.  
Signed with EDS

Length of Programme: 2 years  
Years of Study: 2024/2025 - 2025/2026  
Mode of Study: Full Time  
Degree: Master's degree / MBA

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>2 280</b>	<b>440</b>	<b>100</b>	<b>132</b>	<b>108</b>	<b>100</b>	
<b>UX Analytics and Information Systems Design (Applied track)</b>				<b>60,00</b>	<b>2 280</b>	<b>440</b>	<b>100</b>	<b>132</b>	<b>108</b>	<b>100</b>	
<b>Major</b>				<b>39,00</b>	<b>1 482</b>	<b>320</b>	<b>88</b>	<b>100</b>	<b>72</b>	<b>60</b>	
<b>Major Basic Block</b>				<b>27,00</b>	<b>1 026</b>	<b>232</b>	<b>76</b>	<b>72</b>	<b>48</b>	<b>36</b>	
1	Data Analysis and Machine Learning	C	Informatics Department	9,00	342	76	28A	20	28A		Online Course
2	Analytical Systems Architecture	C	Informatics Department	6,00	228	52	24	28A			
3	Modern Methods of Decision Making	C	Informatics Department	3,00	114	36				36A	Online Course
4	Human-centered Design and Prototyping	C	Informatics Department	9,00	342	68	24	24A	20A		
<b>Major Elective Block 1 (2 out of 4)</b>				<b>12,00</b>	<b>456</b>	<b>88</b>	<b>12</b>	<b>28</b>	<b>24</b>	<b>24</b>	
1	Cognitive Psychology	E	Department of Sociology	6,00	228	40	12	28A			
2	Motivation and Behavior in Information Systems	E	Informatics Department	6,00	228	40			28	12A	
3	Design and analysis of online experiments	E	Informatics Department	6,00	228	48			24	24A	
4	IT Project Management	E	Informatics Department	6,00	228	52		28	24A		
<b>Key Seminars</b>				<b>12,00</b>	<b>456</b>	<b>116</b>	<b>12</b>	<b>32</b>	<b>36</b>	<b>36</b>	
1	Research Seminar "Research Methods in HCI"	C	Informatics Department	9,00	342	68		20	24	24A	
2	Mentor's Seminar	C	Informatics Department	3,00	114	48	12	12	12	12A	
<b>Magolego</b>				<b>6,00</b>	<b>228</b>						
1	All-university Pool MAGOLEGO Courses	E		6,00	228						
<b>Internship</b>				<b>3,00</b>	<b>114</b>	<b>4</b>				<b>4</b>	

	<b>Project Internship</b>			<b>3,00</b>	<b>114</b>	<b>4</b>				<b>4</b>	
1	Project	C		3,00	114	4				4A	

**Curriculum agreed:**

Academic Supervisor	SUVOROVA A.V.	17.04.2024
Dean		17.04.2024
Deputy Director	KUZMIN P.V.	17.04.2024
Head of Centre for Educational Model Design	LEPESHKIN I.A.	17.04.2024

\* Subject type:

Compulsory course

C

Elective course

E