



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 01.03.01 Mathematics

Educational Programme "Mathematics"

Implementing unit: Faculty of Informatics, Mathematics and
Computer Sciences, HSE - Nizhny Novgorod

1 st, 2024/2025 academic year

APPROVED

16.04.2024

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	
Degree Programme				60,00	2 480	958	208	200	292	258	
Data Culture				3,00	114	16		14	2		
1	Independent Digital Literacy Test	C	отдел развития цифровых компетенций			2			2A		Online Course
2	Digital Literacy: Basic Course	C	Department of Fundamental Mathematics	3,00	114	14		14A			Online Course
Major				45,00	1 710	656	140	140	200	176	
Core Professional Block (Major)				45,00	1 710	656	140	140	200	176	
1	Algebra	C	Department of Fundamental Mathematics	10,00	380	140	28	28A	40	44A	
2	Geometry	C	Department of Fundamental Mathematics	6,00	228	96	28A	28	40A		
3	Discrete Mathematics	C	Department of Fundamental Mathematics	10,00	380	140	28	28A	40	44A	
4	Calculus	C	Department of Fundamental Mathematics	19,00	722	280	56	56A	80	88A	
English						2				2	
Optional Courses											
1	English language	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	Департамент английского языка			2				2A	
General Courses				10,00	580	282	68	46	90	78	
Optional General Courses				9,00	342	132	38	16	44	34	
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	Legal Literacy	C	департамент теории права и сравнительного правоведения	3,00	114	30			20	10A	Online Course
Core General Courses				1,00	238	150	30	30	46	44	
1	Safe Living Basics	C	Department of General and Strategic Management	1,00	38	6	6A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	24	30A	46	44A	
Internship				2,00	76	2				2	
Project Internship				2,00	76	2				2	
1	Educational and research project	C	Department of Fundamental Mathematics	2,00	76	2				2A	

Curriculum agreed:

Academic Supervisor	CHEBOCHKO N.G.	03.03.2024
Dean	ASEEVA N.V.	11.03.2024
Deputy Director	FOMENKOV D.A.	12.03.2024
Head of Centre for Educational Model Design	LEPESHKIN I.A.	12.04.2024

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O