



National Research University Higher School of Economics (HSE)

Curriculum
 Field of study 01.03.01 Mathematics
 Educational Programme "Mathematics"
 Implementing unit: Faculty of Mathematics, 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				64,00	2 632	1 167	308	212	312	332	
Data Culture						2				2	
1	Independent Digital Literacy Test	C	отдел развития цифровых компетенций			2				2A	Online Course
Major				56,00	2 128	945	200	176	276	290	
Core Professional Block (Major)				47,00	1 786	854	184	162	254	270	
1	Algebra	C	Faculty of Mathematics	12,00	456	208	40	42A	66	60A	
2	Introduction to Homotopical Topology	C	Faculty of Mathematics	5,00	190	80				80A	
3	Introduction to Discrete Mathematics and Topology	C	Faculty of Mathematics	8,00	304	104	32	28A	44A		
4	Geometry	C	Faculty of Mathematics	11,00	418	216	40	50A	66	60A	
5	Calculus	C	Faculty of Mathematics	11,00	418	246	48	50A	78	70A	
Elective Professional Block (Major)				9,00	342	91	16	14	22	20	
Научно-исследовательские семинары из РУПа факультетских дисциплин, сервисные, прикладные и исследовательские проекты на 6 з.е.				6,00	228	72	16	14	22	20	
1	-	E		6,00	228	72	16A	14A	22A	20A	
Тривиум				3,00	114	19					
1	Research Seminar "Trivium. Mathematics"	C	Faculty of Mathematics	3,00	114	18	4	4A	6	4A	
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	School of Foreign Languages			2				2A	Foreign language
General Courses				3,00	314	216	108	36	36	36	

Optional General Courses				2,00	76	54	54				
1	Foundations of Russian Statehood	C	School of History	2,00	76	54	54A				
Core General Courses				1,00	238	162	54	36	36	36	
1	Safe Living Basics	C	центр поддержки студенческих инициатив	1,00	38	18	18A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	36	36	36	36A	
Internship				5,00	190	2				2	
Research Internship				5,00	190	2				2	
1	Term Paper	C		5,00	190	2				2A	

Curriculum agreed:

Academic Supervisor	KLIMENKO A.V.	01.06.2023
Dean	SKRIPCHENKO A.S.	01.06.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	02.06.2023

* Subject type:

Compulsory course
Elective course
Optional course

C
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