



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, 2022/2023 academic year

APPROVED
 27.05.2022
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Length of Programme: 4 years
 Years of Study: 2022/2023 - 2025/2026
 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				62,00	2 556	1 154	238	220	293	310	
Data Culture						3			3		
1	Independent Digital Literacy Test	C	Center for Support and Monitoring of Degree Programs			3			3A		
Major				56,00	2 128	985	184	184	254	270	
Core Professional Block (Major)				47,00	1 786	892	184	184	254	270	
1	Алгебра	C	Faculty of Mathematics	12,00	456	222	48	48A	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	108	32	32A	44A		
4	Geometry	C	Faculty of Mathematics	11,00	418	222	48	48A	66	60A	
5	Calculus	C	Faculty of Mathematics	11,00	418	260	56	56A	78	70A	
Elective Professional Block (Major)				9,00	342	93					
Научно-исследовательские семинары из РУПа факультетских дисциплин, сервисные, прикладные и исследовательские проекты на 6 з.е.				6,00	228	74					
1	-	E		6,00	228	74	16	16A	22	20A	
Тривиум				3,00	114	19					
1	Research Seminar "Trivium. Mathematics"	C	Faculty of Mathematics	3,00	114	19	4	4A	6	5A	
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

