



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, 2025/2026 academic year

APPROVED
28.04.2025
Vice Rector
ROSHCHIN S.Y.
Signed with EDS

Length of Programme: 4 years
Years of Study: 2025/2026 - 2028/2029
Mode of Study: Full Time
Degree: Bachelor's degree

Block Code	Course	Subject type	Department	Period of execution	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
								1	2	3	4	
	Degree Programme				65,00	2 670	1 174	255	231	352	336	
	Data Culture						2			2		
1	Independent Digital Literacy Test	C	отдел развития цифровых компетенций				2			2A		Online Course
	Major				53,00	2 014	904	180	178	282	264	
	Core Professional Block (Major)				47,00	1 786	814	160	160	254	240	
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	60				60A	
3	Introduction to Discrete Mathematics and Topology	C	Faculty of Mathematics		8,00	304	130	40	34A	56A		
4	Geometry and Linear Algebra	C	Faculty of Mathematics		11,00	418	208	40	42A	66	60A	
5	Calculus	C	Faculty of Mathematics		11,00	418	208	40	42A	66	60A	
	Elective Professional Block (Major)				6,00	228	90	20	18	28	24	
	-				3,00	114	72	16	14	22	20	
1	-	E			3,00	114	72	16	14A	22A	20A	
	Тривиум				3,00	114	18	4	4	6	4	
1	Research Seminar "Trivium. Mathematics"	C	Faculty of Mathematics		3,00	114	18	4	4A	6	4A	
	General Courses				7,00	466	264	75	53	68	68	
	Optional General Courses				6,00	228	102	38	16	24	24	
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
	Core General Courses				1,00	238	162	37	37	44	44	
1	Safe Living Basics	C	Проектно-учебная лаборатория «Бизнес-инкубатор Высшей школы экономики»		1,00	38	18	9	9A			Online Course
2	Physical Training	C	Department of Physical Training			200	144	28	28	44	44A	
	Internship				5,00	190	2				2	
	Fixed				5,00	190	2				2	

1	Term Paper	C		F	5,00	190	2				2A	
	Language and Communication						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

Curriculum agreed:

Academic Supervisor	Клименко А.В.	15.04.2025
Dean	SKRIPCHENKO A.S.	15.04.2025
Head of Centre for Educational Model Design	LEPESHKIN I.A.	28.04.2025

* Subject type:	
Compulsory course	C
Elective course	E
Optional course	O

Period of execution:

Fixed	F
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