



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
3 rd, 2025/2026 academic year

APPROVED
28.04.2025
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			61,00	2 318	478	86	84	162	146	
	Data Culture			7,00	266	88		2	44	42	
1	External Examinations on Digital Skills. Final Level	C	отдел развития цифровых компетенций			2		2A			
2	Mathematical Statistics and Data Analysis	C	Faculty of Mathematics	6,00	228	84			44	40A	
3	Data Science, AI and Generative Models Independent Test. Intermediate	C	отдел развития цифровых компетенций	1,00	38	2				2A	Online Course
	Major			33,00	1 254	254	56	50	76	72	
	Core Professional Block (Major)			10,00	380	78	40	36		2	
1	Independent Exam "Mathematics. Licenciatus"	C	Faculty of Mathematics	3,00	114	2				2A	
2	Probability Theory	C	Faculty of Mathematics	7,00	266	76	40	36A			
	Elective Professional Block (Major)			23,00	874	176	16	14	76	70	
	Elective courses from the general faculty list and/or NISA from the Cadaver of faculty disciplines, projects			18,00	684	72	16	14	22	20	
1	Introduction to Enumerative Combinatorics	E	Faculty of Mathematics	6,00	228	8	2	6A			Online Course, Foreign language
2	-	E		18,00	684	72	16A	14A	22A	20A	
	-			5,00	190	104			54	50	
1	Research Seminar "Logic and Algorithms"	E	Faculty of Mathematics	5,00	190	104			54	50A	
2	Research Seminar "Mechanics"	E	Faculty of Mathematics	5,00	190	104			54	50A	
	Minor			10,00	380	72	16	16	20	20	
1	Minor	C		10,00	380	72	16	16A	20	20A	
	English					2			2		
	Examinations					2			2		

1	Independent English Exam	C	School of Foreign Languages			2			2A		Foreign language
	General Courses			6,00	228	60	14	16	20	10	
	Optional General Courses			6,00	228	60	14	16	20	10	
1	Legal Literacy	C	департамент теории права и сравнительного правоведения	3,00	114	30			20	10A	Online Course
2	Economics	C	Department of Theoretical Economics	3,00	114	30	14	16A			Online Course
	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	Клименко А.В.	18.03.2025
Dean	SKRIPCHENKO A.S.	18.03.2025
Head of Centre for Educational Model Design	LEPESHKIN I.A.	28.04.2025

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O