

National Research University Higher School of Economics (HSE)

Curriculum

Field of study 01.03.01 Mathematics

Educational Programme "Mathematics"

Faculty of Informatics, Mathematics and Computer Sciences,

HSE - Nizhny Novgorod

1 st, 2021/2022 academic year

APPROVED by
Vice RectorROSHCHIN Y.S.
14.05.2021

Length of Programme: 4 years

Years of Study: 2021/2022 - 2024/2025

Mode of Study: Full Time

Degree: Bachelor's degree

Number of Students: 32

Number of Groups: 1

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	2 784	1 021	206	234	318	263	
	Data Culture					3				3	
1	Independent Digital Competence Assessment. Digital Literacy	C	центр поддержки и мониторинга образовательных программ			3				3A	
	Major			49	1 862	680	140	160	220	160	
	Core Professional Block (Major)			49	1 862	680	140	160	220	160	
	Subject Areas			49	1 862	680	140	160	220	160	
	Algebra			10	380	144	28	32	44	40	
1	Algebra	C	Department of Fundamental Mathematics	10	380	144	28	32A	44	40A	
	Analysis			19	722	288	56	64	88	80	
1	Calculus	C	Department of Fundamental Mathematics	19	722	288	56	64A	88	80A	
	Geometry and Topology			9	342	104	28	32	44		
1	Геометрия	C	Department of Fundamental Mathematics	9	342	104	28	32	44A		
	Discrete Mathematics			11	418	144	28	32	44	40	
1	Discrete Mathematics	C	Department of Fundamental Mathematics	11	418	144	28	32A	44	40A	
	English				304	130	20	28	40	42	
	Optional Courses				304	128	20	28	40	40	
1	English	O		8	304	128	20	28A	40	40A	Foreign language, Credits only to the cumulative rating
	Examinations					2				2	

1	English Language Integrative Exam	C	Department of Applied Linguistics and Foreign Languages			2				2A	
General Courses				9	542	206	46	46	58	56	
Optional General Courses					304	60	16	14	14	16	
1	Legal Literacy	C	департамент теории права и межотраслевых юридических дисциплин	4	152	30			14	16A	Online Course
2	Economics	C	Department of Theoretical Economics	4	152	30	16	14A			Online Course
Core General Courses					238	146	30	32	44	40	
1	Safe Living Basics	C	Department of General and Strategic Management	1	38	2	2A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	28	32	44	40A	
Internship				2	76	2				2	
Project Internship				2	76	2				2	
1	Групповой проект 1 курс	C		2	76	2				2A	

Academic Supervisor CHEBOCHKO N.G. 28.04.2021

Dean ASEVA N.V. 28.04.2021

Deputy Director FOMENKOV D.A. 29.04.2021

Head of Degree Programmes Development Office MAMONOVA M.A. 14.05.2021

* Subject type:

Compulsory course

C

Optional course

O