



National Research University Higher School of Economics (HSE)

Curriculum
 Field of study 01.03.01 Mathematics
 Educational Programme "Mathematics"
 Implementing unit: Faculty of Informatics, Mathematics and
 Computer Sciences, HSE - Nizhny Novgorod
 3 rd, 2022/2023 academic year

APPROVED
 14.04.2022
 Vice Rector
 ROSHCHIN S.Y.
 Signed with EDS

Length of Programme: 4 years
 Years of Study: 2020/2021 - 2023/2024
 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			60,00	1 900	766	182	182	234	168	
	Major			42,00	1 596	621	154	154	187	126	
	Core Professional Block (Major)			8,00	304	140	28	28	44	40	
	Subject Areas			8,00	304	140	28	28	44	40	
	Probability Theory			8,00	304	140	28	28	44	40	
1	Probability Theory	C	Department of Fundamental Mathematics	8,00	304	140	28	28A	44	40A	
	Elective Professional Block (Major)			34,00	1 292	481	126	126	143	86	
1	Differential Geometry	C	Department of Fundamental Mathematics	8,00	304	140	28	28A	44	40A	
2	Mathematical game theory	C	Department of Fundamental Mathematics	3,00	114	6				6A	Online Course
3	Mathematical Physics	C	Department of Mathematics	6,00	228	109	28	28A	33	20A	
4	Research seminar " Optimization Methods"	C	Department of Fundamental Mathematics	4,00	152	56	28	28A			
5	Research seminar " Functional analysis"	C	Department of Fundamental Mathematics	4,00	152	70	14A	14	22	20A	
6	Theory of Complex Functions	C	Department of Fundamental Mathematics	9,00	342	100	28A	28	44A		Online Course, Foreign language
	Minor			10,00		140	28	28	44	40	
1	Minor	C		10,00		140	28	28A	44	40A	
	English					3			3		
	Examinations					3			3		
1	Independent English Exam	C	School of Foreign Languages			3			3A		Foreign language
	Internship			8,00	304	2				2	
	Research Internship			8,00	304	2				2	
1	Term Paper	C		8,00	304	2				2A	

Curriculum agreed:

Academic Supervisor	CHEBOCHKO N.G.	12.04.2022
Dean	ASEEVA N.V.	13.04.2022
Deputy Director	FOMENKOV D.A.	13.04.2022
Head of Degree Programmes Development Office	MAMONOVA M.A.	14.04.2022

* Subject type:

Compulsory course
Elective course
Optional course

C
E
O