



National Research University Higher School of Economics (HSE)

Curriculum
 Field of study 01.03.04 Applied Mathematics
 Educational Programme "Applied Mathematics"
 Implementing unit: Tikhonov Moscow Institute of Electronics and
 Mathematics, HSE - Moscow
 1 st, 2022/2023 academic year

APPROVED
 19.04.2022
 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				60,00	2 480	1 173	358	236	360	347	
Data Culture						3				3	
1	Independent Digital Literacy Test	C	Center for Support and Monitoring of Degree Programs			3				3A	
Major				53,00	2 014	974	256	182	324	304	
Core Professional Block (Major)				44,00	1 672	912	250	174	302	278	
1	Algebra	C	Department of Applied Mathematics	4,00	152	80	36	44A			
2	Algorithmization and Programming	C	Department of Applied Mathematics	6,00	228	130	28	28A	44	30A	
3	Discrete Mathematics	C	Department of Applied Mathematics	4,00	152	80			40	40A	
4	Calculus	C				2				2A	
5	Linear Algebra and Analytical Geometry	C	Department of Applied Mathematics	10,00	380	204	38	46A	60	60A	
6	Calculus	C	Department of Applied Mathematics	13,00	494	280	56	56A	88	80A	
7	Physics	C	School of Electronic Engineering	7,00	266	136			70A	66A	
Elective Professional Block (Major)				9,00	342	62	6	8	22	26	
Дисциплины по выбору ОП				3,00	114	34	6	8	10	10	
1	Computer Practicum 1	C	Department of Applied Mathematics	3,00	114	34	6	8A	10	10A	
Научно-исследовательский/Проектный семинар				6,00	228	28			12	16	
1	Project Seminar	C	Department of Applied Mathematics	3,00	114	12			6	6A	

