



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 11.03.02 Infocommunication Technologies and Systems

Educational Programme "Infocommunication Technologies and Systems"

Implementing unit: Tikhonov Moscow Institute of Electronics and Mathematics, HSE - Moscow

1 st, 2022/2023 academic year

APPROVED

13.04.2022

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	957	176	222	282	277	
Data Culture						3				3	
1	Independent Digital Literacy Test	C	Center for Support and Monitoring of Degree Programs			3				3A	
Major				51,00	1 938	728	92	154	246	236	
Core Professional Block (Major)				49,00	1 862	686	92	154	224	216	
1	Algebra and Geometry	C	Department of Applied Mathematics	5,00	190	84			44	40A	
2	Algorithmization and Programming	C	School of Computer Engineering	12,00	456	172	36	50A	44	42A	
3	Discrete Mathematics	C	Department of Applied Mathematics	4,00	152	48			24	24A	
4	Computer Science	C	School of Computer Engineering	4,00	152	56	28	28A			
5	Course work on the discipline "Algorithmization and programming"	C				2				2A	
6	Calculus	C	Department of Applied Mathematics	12,00	456	188	28	40A	60	60A	
7	Physics	C	School of Electronic Engineering	12,00	456	136		36	52A	48A	
Elective Professional Block (Major)				2,00	76	42			22	20	
Научно-исследовательские и проектные семинары				2,00	76	42			22	20	
1	Project Seminar 1	C	School of Electronic Engineering	2,00	76	42			22	20A	
English						2				2	

Optional Courses											
1	English	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
General Courses				5,00	390	192	68	52	36	36	
Optional General Courses				4,00	152	30	14	16			
1	Elective general cycle disciplines	E		4,00	152	30	14	16A			
Core General Courses				1,00	238	162	54	36	36	36	
1	Safe Living Basics	C	центр поддержки студенческих инициатив	1,00	38	18	18A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	36	36	36	36A	
Internship				4,00	152	32	16	16			
Professional Internship				4,00	152	32	16	16			
1	Computer-based Workshop on Engineering Graphics	C	School of Electronic Engineering	4,00	152	32	16	16A			

Curriculum agreed:

Academic Supervisor	ELIZAROV A.A.	07.04.2022
Dean	KROUK E.A.	08.04.2022
Head of Degree Programmes Development Office	MAMONOVA M.A.	12.04.2022

* Subject type:

Compulsory course
 Elective course
 Optional course

C
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