

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"

Specialization: "Electronics of Infocommunication Technologies and Communication Systems", "Infocommunication Technologies and Internet of Things", "Quantum Infocommunication Technologies"

Tikhonov Moscow Institute of Electronics and Mathematics, HSE - Moscow

1 st, 2021/2022 academic year

APPROVED by

Vice Rector

ROSHCHIN Y.S.

27.04.2021

Length of Programme: 4 years

Years of Study: 2021/2022 - 2024/2025

Mode of Study: Full Time

Degree: Bachelor's degree

Number of Students: 69

Number of Groups: 3

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	1 069	184	240	326	319	
Data Culture						3				3	
1	Independent Digital Competence Assessment. Digital Literacy	C	центр поддержки и мониторинга образовательных программ			3				3A	
Major				51	1 938	696	76	140	246	234	
Core Professional Block (Major)				49	1 862	654	76	140	224	214	
Subject Areas				49	1 862	654	76	140	224	214	
Higher Mathematics				21	798	320	28	40	128	124	
1	Algebra and Geometry	C	Department of Applied Mathematics	5	190	84			44	40A	
2	Discrete Mathematics	C	Department of Applied Mathematics	4	152	48			24	24A	
3	Calculus	C	Department of Applied Mathematics	12	456	188	28	40A	60	60A	
Computer Science				4	152	56	28	28			
1	Computer Science	C	School of Computer Engineering	4	152	56	28	28A			
Programming				12	456	142	20	36	44	42	
1	Курсовая работа по дисциплине Алгоритмизация и программирование	C				2				2A	

2	Algorithmization and Programming	C	School of Computer Engineering	12	456	140	20	36A	44	40A	Online Course
Physics				12	456	136		36	52	48	
1	Physics	C	School of Electronic Engineering	12	456	136		36	52A	48A	
Elective Professional Block (Major)				2	76	42			22	20	
Научно-исследовательские и проектные семинары				2	76	42			22	20	
1	Project Seminar 1	C	School of Electronic Engineering	2	76	42			22	20A	
English					304	146	24	32	44	46	
Optional Courses					304	144	24	32	44	44	
1	English	O		8	304	144	24	32A	44	44A	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	390	192	68	52	36	36	
Optional General Courses				4	152	30	14	16			
1	History	C	Department of Humanities	4	152	30	14	16A			Online Course
Core General Courses				1	238	162	54	36	36	36	
1	Safe Living Basics	C	центр поддержки студенческих инициатив	1	38	18	18A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	36	36	36	36A	
Internship				4	152	32	16	16			
Professional Internship				4	152	32	16	16			
1	Computer Practice in Engineering Graphics	C	School of Electronic Engineering	4	152	32	16	16A			

Academic Supervisor

NAZAROV I.V.

14.04.2021

Dean

KROUK E.A.

15.04.2021

Head of Degree Programmes
Development Office

MAMONOVA M.A.

27.04.2021

* Subject type:

Compulsory course

C

Optional course

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