

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"

Tikhonov Moscow Institute of Electronics and Mathematics,
HSE - Moscow

1 st, 2020/2021 academic year

APPROVED by

Vice Rector

ROSHCHIN Y.S.

Length of Programme: 4 years

Years of Study: 2020/2021 - 2023/2024

Mode of Study: Full Time

Degree: Bachelor's degree

Number of Students: 73

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	2 584	1 064	198	224	326	316	
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	Algorithmization and Programming	C	School of Computer Engineering	12	456	140	20	36A	44	40A	
2	Курсовая работа по дисциплине "Алгоритмизация и программирование"	C				2				2A	
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-исследовательский семинар/Проектный семинар				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	Credits only to the cumulative rating
	Examinations					2				2	
1	English Language Integrative Exam	C	School of Foreign Languages			2				2A	
	General Courses			5	190	190	82	36	36	36	
	Optional General Courses			4	152	28	28				
1	History	C	School of History	4	152	28	28A				Online Course
	Core General Courses			1	38	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			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.

Dean

KROUK E.A.

Head of Degree Programmes
Development Office

MAMONOVA M.A.

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O