

National Research University Higher School of Economics (HSE)

Curriculum

Field of study 10.03.01 Information Security

Educational Programme "Information Security"

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: 75

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	1 198	208	240	382	368	
	Major			50	1 900	766	88	156	268	254	
	Core Professional Block (Major)			44	1 672	654	76	140	224	214	
	Subject Areas			44	1 672	654	76	140	224	214	
	Algebra and Geometry			5	190	84			44	40	
1	Algebra and Geometry	C	Department of Applied Mathematics	5	190	84			44	40A	
	Algorithmisation and Programming			12	456	142	20	36	44	42	
1	Algorithmization and Programming	C	School of Electronic Engineering	12	456	140	20	36A	44	40A	
2	Курсовая работу по дисциплине "Алгоритмизация и программирование"	C				2				2A	
	Discrete Mathematics			4	152	48			24	24	
1	Discrete Mathematics	C	Department of Applied Mathematics	4	152	48			24	24A	
	Computer Science			4	152	56	28	28			
1	Computer Science	C	School of Computer Engineering	4	152	56	28	28A			
	Mathematical Analysis			12	456	188	28	40	60	60	
1	Calculus	C	Department of Applied Mathematics	12	456	188	28	40A	60	60A	
	Modeling			7	266	136		36	52	48	
1	Physics	C	School of Electronic Engineering	7	266	136		36	52A	48A	
	Elective Professional Block (Major)			6	228	112	12	16	44	40	
	Научно-исследовательский/Проектный семинар			6	228	112	12	16	44	40	

1	Project Seminar 1	C	School of Electronic Engineering	2	76	42			22	20A	
2	Project seminar on information security	C	School of Electronic Engineering	4	152	70	12	16	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				5	190	96	14	16	34	32	
Professional Internship				5	190	96	14	16	34	32	
1	Computer workshop: administration of systems and networks	C	School of Electronic Engineering	5	190	96	14	16A	34	32A	

Academic Supervisor

IVANOV F.I.

Dean

KROUK E.A.

Head of Degree Programmes
Development Office

MAMONOVA M.A.

* Subject type:

Compulsory course

C

Elective course

E

Optional course

O