

National Research University Higher School of Economics (HSE)

Curriculum
Field of study 10.05.01 "Cyber Security"
Educational Programme "Cyber Security"

APPROVED by
Vice Rector

Tikhonov Moscow Institute of Electronics and Mathematics, Moscow
2nd, 2020/2021 year of study

"__" _____ 20__.

Length of Programme: 6 years
Years of Study: 2019/2020 - 2024/2025
Mode of Study: Full Time
Degree: Specialist's Degree

Number of Students: 68
Number of Groups: 3

Block Code	Course	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
						1	2	3	4	
	(!!	!!)	61	2480	1037	222	220	334	261	
1	Block 1. Courses (Modules)		61	2480	1037	222	220	334	261	
.	General Programme Part		6	390	248	68	64	80	36	
1	Physical Training	Department of Physical Training	1	200	144	36	36	36	36A	
5	Foreign Language (English)	Department of English for Economics and Mathematics	5	190	104	32	28A	44A		
.	Professional Programme Part (Major)		55	2090	789	154	156	254	225	
.	Basic Components		45	1710	675	140	140	202	193	
2	Calculus	Department of Applied Mathematics	8	304	112	28A	28A	28	28A	
3	Algebra	Department of Applied Mathematics	3	114	56	28	28A			
5	Probability Theory and Mathematical Statistics	Department of Computer Security	5	190	72			36	36A	
6	Mathematical Logic and Theory of Algorithms	Department of Applied Mathematics	4	152	64			32	32A	
7	Discrete Mathematics	Department of Applied Mathematics	5	190	72			36	36A	
9	Physics	School of Electronic Engineering	4	152	64	32	32A			
11	Programming Languages	Department of Applied Mathematics	4	152	48	24	24A			
12	Hardware Computer Technology	School of Electronic Engineering	4	152	56	28	28A			

17	Electronics and Circuit Engineering	School of Electronic Engineering	4	152	72			42	30A	
21	Organizational and Legal Support for Information Security	Department of Computer Security	4	152	56			28	28A	
22	Term Paper Organizational and Legal Support for Information Security								vA	
31	Independent English Language Test	Office of Curriculum Support		0	3				3A	
	(!! , !!)		10	380	114	14	16	52	32	
2	Methods and Algorithms of Graph Theory	Department of Computer Security	3	114	2			2A		Online Course
3	Computer Mathematics: Supplementary Chapters (offered in English)	Department of Applied Mathematics	3	114	48	14	16	18A		

A Interim assessment