National Research University Higher School of Economics (HSE)

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

Tikhonov Moscow Institute of Electronics and Mathematics, Moscow
1st, 2019/2020 year of study

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

Number of Students: 84
Number of Groups: 3

Block Code	Course	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
						1	2	3	4	
	(!! !!)		60	2480	1151	240	278	366	267	
1	Block 1. Courses (Modules)		60	2480	1151	240	278	366	267	
. .	General Programme Part		15	770	374	88	92	118	76	
1	Safe Living Basics	(!)	1	38	18	18A				Online Course
2	Physical Training	Department of Physical Training		200	144	36	36	36	36A	
4	Russian History	School of History	3	114	64		28	36A		Online Course
5	Foreign Language (English)	Department of English for Economics and Mathematics	8	304	144	32	28A	44	40A	
8	Data-Culture	Department of Computer Security	3	114	4	2		2A		Online Course
.	Professional Programme Part (Major)		45	1710	777	152	186	248	191	
. .	Basic Components		41	1558	713	152	158	212	191	
2	Calculus	Department of Applied Mathematics	10	380	180	40	40A	50	50A	
3	Algebra	Department of Applied Mathematics	8	304	144	30	30A	44	40A	
4	Geometry	Department of Applied Mathematics	3	114	54	26	28A			
9	Physics	School of Electronic Engineering	5	190	84			44	40A	
10	Computer Science	Department of Computer Security	4	152	60	30	30A			

11		Programming Languages	Department of Applied Mathematics	8	304	136	26	30	42A	38	
12		Hardware Computer Technology	School of Electronic Engineering	3	114	52				32	20A	
29		English Language Test (1st year)	School of Foreign Languages		0	3					3A	
. .		, (!! !!)		4	152	64	0	28	36	0	

A Interim assessment