



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 10.04.01 Information Security

Educational Programme "Cybersecurity"

Trajectories: "Cybersecurity"

Implementing unit: Tikhonov Moscow Institute of Electronics and Mathematics, HSE - Moscow

1 st, 2024/2025 academic year

APPROVED

04.03.2024

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 2 years

Years of Study: 2024/2025 - 2025/2026

Mode of Study: Full Time

Degree: Master's degree / MBA

Block Code	Course	Subject type	Department	Credits	Total Academic Hours	Contact Hours	Allocation of Contact Hours				Additional Information
							1	2	3	4	
Degree Programme				60,00	2 280	312	34	114	94	70	
Cybersecurity (Applied track)				60,00	2 280	312	34	114	94	70	
Major				30,00	1 140	270	30	110	90	40	
Disciplines of the Degree Programme				30,00	1 140	270	30	110	90	40	
1	Protection of computer networks and systems	C	кафедра информационной безопасности киберфизических систем	9,00	342	90		30A	30	30A	
2	Cryptographic Methods of Information Security	C	кафедра информационной безопасности киберфизических систем	9,00	342	60		20A	30	10A	
3	Regulatory support for cyber security	C	кафедра информационной безопасности киберфизических систем	6,00	228	60	30	30A			
4	Python Programming	C	кафедра информационной безопасности киберфизических систем	6,00	228	60		30	30A		
Key Seminars				12,00	456	40	4	4	4	28	
1	Project Seminar on Cyber Security	C	кафедра информационной безопасности киберфизических систем	6,00	228	24				24A	
2	Mentor's Seminar	C	кафедра информационной безопасности киберфизических систем	6,00	228	16	4A	4	4	4A	
Magolego				6,00	228						
1	All-university Pool MAGOLEGO Courses	E		6,00	228						
Internship				12,00	456	2				2	

