



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 10.04.01 Information Security

Educational Programme "Information Security of Cyber-physical Systems"

Trajectories: "Information Security of Cyber-physical Systems"

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

2 nd, 2023/2024 academic year

APPROVED

22.03.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 2 years

Years of Study: 2022/2023 - 2023/2024

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	238	106	124	4	4	
Information Security of Cyber-physical Systems (General track)				60,00	2 280	238	106	124	4	4	
Major				18,00	684	196	90	106			
Components of the Field of Study				18,00	684	196	90	106			
1	Secure Information Infrastructure	E	кафедра информационной безопасности киберфизических систем	6,00	228	40	18	22A			
2	Pentesting technologies	E	кафедра информационной безопасности киберфизических систем	6,00	228	78	36	42A			
3	Computer attack protection technologies	E	кафедра информационной безопасности киберфизических систем	6,00	228	78		36	42A		
Final State Certification (FSC)				6,00	228	2				2	
1	Final Qualification Paper	C		6,00	228	2				2A	
Key Seminars				12,00	456	38	16	18	4		
1	Research Seminar	C	кафедра информационной безопасности киберфизических систем	6,00	228	26	12	14A			
2	Mentor's Seminar	C	кафедра информационной безопасности киберфизических систем	6,00	228	12	4	4	4A		
Magolego				6,00	228						
1	All-university Pool MAGOLEGO Courses	E		6,00	228						
Internship				18,00	684	2				2	

	Research Internship			18,00	684	2				2	
1	Graduation Thesis	C		18,00	684	2				2	

Curriculum agreed:

Academic Supervisor	EVSYUTIN O.O.	03.03.2023
Dean	KROUK E.A.	03.03.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	20.03.2023

* Subject type:

Compulsory course

C

Elective course

E