



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 10.03.01 Information Security

Educational Programme "Information Security"

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

3 rd, 2022/2023 academic year

APPROVED

01.04.2022

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 4 years

Years of Study: 2020/2021 - 2023/2024

Mode of Study: Full Time

Degree: Bachelor's degree

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	659					
Major				34,00	1 292	440					
Elective Professional Block (Major)				34,00	1 292	440					
Дисциплины вариативной профессиональной части (по выбору ОП)				29,00	1 102	368					
1	Machine Learning	C	кафедра информационной безопасности киберфизических систем	5,00	190	60	30	30A			Online Course, Foreign language
2	Coding Theory Methods	C	кафедра информационной безопасности киберфизических систем	5,00	190	42	42A				Online Course
3	Software and Hardware Information Protection	C	кафедра информационной безопасности киберфизических систем	4,00	152	68			34	34A	
4	System Programming	C	кафедра информационной безопасности киберфизических систем	7,00	266	90		30	30A	30A	
5	Digital Circuity and Computer Architecure	C	кафедра информационной безопасности киберфизических систем	8,00	304	108	36	36A	36A		
Научно-исследовательский/Проектный семинар				5,00	190	72					
1	Project Seminar	C	School of Electronic Engineering	5,00	190	72	18	18	18	18A	
Minor				10,00	380	152					
1	Minor	C		10,00	380	152	38	38A	38	38A	
English						3					
Examinations						3					
1	Independent English Exam	C	School of Foreign Languages			3			3A		Foreign language
General Courses				8,00	304	60					

Optional General Courses				8,00	304	60					
1	Legal Literacy	C	департамент права цифровых технологий и биоправа	4,00	152	30			20	10A	Online Course
2	Экономика	C	Department of Theoretical Economics	4,00	152	30	14	16A			Online Course
Internship				8,00	304	4					
Project Internship				5,00	190	2					
1	Исследовательский или прикладной проект	E		5,00	190	2				2A	
Professional Internship				3,00	114	2					
1	Work Experience Internship	C		3,00	114	2				2A	

Curriculum agreed:

Academic Supervisor	IVANOV F.I.	28.03.2022
Dean	KROUK E.A.	28.03.2022
Head of Degree Programmes Development Office	LEPESHKIN I.A.	30.03.2022

* Subject type:

Compulsory course
 Elective course
 Optional course

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