



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 10.04.01 Information Security

Educational Programme "Информационная безопасность в кредитно-финансовой сфере"

Trajectories: "Information Security in the Credit and Financial Field"

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

Years of Study: 2024/2025 - 2025/2026

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

APPROVED

17.04.2024

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Information Security in the Credit and Financial Field (Applied track)		120,00	60,00	60,00	
	Key Seminars		18,00	6,00	12,00	
1	Mentor's Seminar	C	9,00	3,00	6,00	UC-4, UC-5, UC-6
2	Project Seminar	C	9,00	3,00	6,00	GPC-4.INS, PC-2, PC-4, PC-5, PC-6, UC-1, UC-2
	Internship		33,00	12,00	21,00	
	Project Internship		6,00	6,00		
1	Project	C	6,00	6,00		GPC-1.INS, GPC-2.INS, GPC-5.INS, UC-2, UC-3
	Professional Internship		6,00	6,00		
1	Work Experience Internship	C	6,00	6,00		GPC-1.INS, GPC-5.INS, UC-2, UC-3
	Research Internship		21,00		21,00	
1	Graduation Thesis	C	21,00		21,00	GPC-1.INS, GPC-2.INS, GPC-3.INS, GPC-4.INS, GPC-5.INS, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Major		54,00	36,00	18,00	
1	Protection of computer networks and systems	C	12,00	12,00		PC-4
2	Secure Operating Systems	C	6,00	6,00		GPC-1.INS, PC-3, PC-6
3	Regulatory support for information security	C	6,00	6,00		GPC-1.INS, GPC-3.INS, PC-1

4	Banking Risk Management and Financial Sustainability of Credit Institutions	C	6,00	6,00		PC-4, PC-5
5	Finance, Money Circulation and Credit	C	6,00	6,00		PC-4
6	Information Security Methodology and Standardization	C	6,00		6,00	GPC-1.INS, PC-1, PC-3, PC-5
7	Protection of Banking Information Systems	C	6,00		6,00	GPC-1.INS, PC-2, PC-6
8	Economic Security	C	6,00		6,00	PC-4, PC-5
	Magolego		9,00	6,00	3,00	
1	All-university Pool MAGOLEGO Courses	E	9,00	6,00	3,00	GPC-1.INS, GPC-2.INS, GPC-3.INS, GPC-4.INS, GPC-5.INS, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Final State Certification (FSC)		6,00		6,00	
1	Final Qualification Paper	C	6,00		6,00	GPC-1.INS, GPC-2.INS, GPC-3.INS, GPC-4.INS, GPC-5.INS, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6

**Curriculum agreed:**

Academic Supervisor 12.04.2024

Dean KROUK E.A. 12.04.2024

Head of Centre for Educational Model Design LEPESHKIN I.A. 17.04.2024

\* Subject type:

Compulsory course C

Elective course E