



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.04.08 Finance and Credit  
 Educational Programme "Financial Strategies and Analytics"  
 Trajectories: "Financial Strategies and Analytics"  
 Implementing unit: -, HSE - Perm

APPROVED  
 15.05.2023  
 Vice Rector  
 ROSHCHIN S.Y.  
 Signed with EDS

Years of Study: 2023/2024 - 2024/2025

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Financial Strategies and Analytics (Applied track)		120,00	60,00	60,00	
	Key Seminars		15,00	9,00	6,00	
1	Master classes of practitioners	C	6,00	6,00		GPC-4.FAC, PC-3, PC-6, UC-4
2	Project Seminar	C	3,00		3,00	GPC-3.FAC, PC-3, PC-5, UC-1, UC-2, UC-3, UC-5
3	Mentor's Seminar	C	6,00	3,00	3,00	GPC-1.FAC, GPC-3.FAC, PC-1, UC-1, UC-5, UC-6
	Internship		27,00	6,00	21,00	
	Project Internship		6,00	3,00	3,00	
1	Project	C	6,00	3,00	3,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, UC-1, UC-2, UC-3
	Research Internship		21,00	3,00	18,00	
1	Coursework	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-4, UC-6
2	Preparation of the final qualifying work	C	18,00		18,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-4, UC-6
	Major		66,00	39,00	27,00	
1	Data and Analytics in Finance	C	6,00	6,00		GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1

2	Macroeconomics (advanced level) (offered in English) (offered in a foreign language)	C	6,00	6,00		GPC-1.FAC, GPC-3.FAC, PC-1, PC-6, UC-1
3	Machine Learning in Finance	C	3,00	3,00		GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, PC-5, PC-6, UC-1
4	Portfolio Management	C	6,00	6,00		GPC-1.FAC, GPC-4.FAC, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, UC-2
5	Applied Analysis of Industrial Market	C	3,00	3,00		GPC-4.FAC, PC-1, PC-6, UC-1
6	Econometrics (Advanced Level)	C	6,00	6,00		GPC-1.FAC, GPC-2.FAC, PC-1, PC-6, UC-1
7	Evaluation of Investment Projects and Programmes	C	3,00		3,00	GPC-4.FAC, PC-3, PC-6, UC-2
8	Risk management in the financial sector	C	6,00		6,00	GPC-1.FAC, GPC-3.FAC, PC-3, PC-7, UC-1, UC-4
9	Derivatives	C	6,00		6,00	GPC-1.FAC, GPC-2.FAC, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1
10	Strategic Financial Management (Studied in English) (offered in a foreign language)	C	6,00		6,00	GPC-1.FAC, GPC-4.FAC, PC-3, PC-4, PC-6, PC-7, UC-1
11	Financial Modelling	C	6,00	6,00		GPC-4.FAC, PC-4, PC-6, UC-1
12	Visualization and Presentation of Analytical Solutions	C	3,00	3,00		GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, PC-5, PC-6, UC-1
13	Payment systems. Introduction to Cryptocurrencies and Distributed Registry Technologies	C	6,00		6,00	GPC-4.FAC, PC-1, PC-3, PC-6
	Magolego		9,00	6,00	3,00	
1	All-university Pool MAGOLEGO Courses	E	9,00	6,00	3,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-2, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-4, UC-6

**Curriculum agreed:**

Academic Supervisor	KUZMENKOVA N.N.	15.05.2023
Dean	ZAGORODNOVA E.P.	15.05.2023
Deputy Director	ZAGORODNOVA E.P.	15.05.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	15.05.2023

\* Subject type:

Compulsory course

C

Elective course

E