



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.04.01 Economics

Educational Programme "Statistical Analysis in Economics"

Trajectories: "Statistical Analysis in Economics"

Implementing unit: Faculty of Economic Sciences, HSE - Moscow

APPROVED

20.05.2022

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Years of Study: 2022/2023 - 2023/2024

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	
	Statistical Analysis in Economics (General track)		120,00	60,00	60,00	
	Key Seminars		15,00	6,00	9,00	
1	Methodological Research Seminar	C	9,00	3,00	6,00	GPC-1, GPC-2, GPC-4, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
2	Mentor's Seminar	C	6,00	3,00	3,00	GPC-1, GPC-2, GPC-4, UC-1, UC-2, UC-3, UC-4, UC-6
	Internship		24,00	6,00	18,00	
	Project Internship		8,00	6,00	2,00	
1	Project	C	6,00	6,00		GPC-3, GPC-4, PC-1, PC-2, UC-3, UC-6
2	Project	C	2,00		2,00	GPC-1, GPC-3, GPC-4, PC-1, PC-2, UC-3, UC-6
	Professional Internship		6,00		6,00	
1	Work Experience Internship	C	6,00		6,00	PC-3, PC-6, UC-3
	Research Internship		10,00		10,00	
1	Preparation of the Graduate Thesis	C	10,00		10,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-3, UC-3, UC-6
	Major		63,00	42,00	21,00	
	Block 1. Compulsory disciplines		30,00	24,00	6,00	
1	Econometrics (Advanced Level)	C	6,00	6,00		GPC-2, GPC-4, UC-1, UC-2, UC-3, UC-4, UC-6
2	Methods of Applied Statistics	C	6,00	6,00		GPC-1, GPC-2, GPC-4, PC-1, PC-7, PC-8, UC-1, UC-2, UC-6

3	Data Analysis Tools and Software	C	6,00	6,00		GPC-1, GPC-2, GPC-4, PC-1, PC-7, PC-8, UC-1, UC-2, UC-6
4	System of National Accounts - a Tool of Macroeconomic Analysis (Advanced)	C	6,00	6,00		GPC-1, GPC-2, PC-1, PC-7, PC-8, UC-3, UC-4, UC-6
5	Applications of Artificial Intelligence (AI) in Economic Analysis	C	6,00		6,00	GPC-1, GPC-2, GPC-4, PC-1, PC-7, PC-8, UC-1, UC-2, UC-6
	Elective Courses		33,00	18,00	15,00	
	Microeconomics (Advanced Level)		6,00	6,00		
1	Microeconomics (Advanced Level)	E	6,00	6,00		GPC-2, PC-1, PC-7, UC-1, UC-2, UC-3
2	Microeconomics (Advanced Level) (offered in a foreign language)	E	6,00	6,00		GPC-2, PC-1, PC-7, UC-1, UC-2, UC-3
	Advanced Macroeconomics		6,00	6,00		
1	Macroeconomics (Advanced Level) (offered in a foreign language)	E	6,00	6,00		GPC-2, PC-1, PC-7, UC-1, UC-2, UC-3, UC-4, UC-6
2	Macroeconomics (Advanced Level)	E	6,00	6,00		GPC-2, PC-1, PC-7, UC-1, UC-2, UC-3, UC-4, UC-6
	Elective Courses		21,00	6,00	15,00	
1	Russian Economy	E	3,00		3,00	GPC-1, GPC-3, PC-7, UC-1
2	Social Development Indicators	E	3,00		3,00	GPC-1, GPC-2, PC-1, PC-10, PC-7, UC-3, UC-4, UC-6
3	Financial Accounts and Financial Markets Analysis (offered in a foreign language)	E	3,00		3,00	GPC-1, GPC-2, PC-1, PC-10, PC-7, UC-3, UC-4, UC-6
4	International Economic Transactions and Comparative Analysis – Statistical Tools	E	6,00		6,00	GPC-1, GPC-2, PC-10, PC-3, PC-6, UC-3, UC-4
5	Stochastic Processes (offered in a foreign language)	E	3,00		3,00	GPC-4, GPC-5, PC-1, PC-7, UC-1, UC-2, UC-3, UC-6
6	Data Mining	E	6,00		6,00	GPC-4, PC-1, PC-10, PC-7, UC-1, UC-2, UC-6
7	Analysis of Business Cycles and Expectations	E	3,00	3,00		GPC-1, GPC-2, PC-1, PC-10, PC-7, UC-1, UC-3, UC-4, UC-6
8	Demographic Analysis and Forecasting	E	3,00	3,00		GPC-1, GPC-2, GPC-4, PC-1, PC-10, PC-7, UC-3, UC-4, UC-6
9	Theory and Practice of the Sampling Method	E	3,00	3,00		GPC-1, GPC-2, PC-1, PC-10, PC-7, UC-3, UC-4, UC-6
10	Python Basics for Data Analysis	E	6,00	6,00		GPC-1, GPC-2, PC-1, UC-6
	Magolego		15,00	6,00	9,00	
1	All-university Pool MAGOLEGO Courses	E	15,00	6,00	9,00	UC-1, UC-3, UC-4
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-1, GPC-2, GPC-3, GPC-4, PC-1, PC-2, PC-6, PC-7, UC-1, UC-2, UC-3

Curriculum agreed:

Academic Supervisor	SURINOV A.E.	19.05.2022
Dean	PEKARSKIY S.E.	19.05.2022
Head of Centre for Educational Model Design	LEPESHKIN I.A.	20.05.2022

* Subject type:

Compulsory course C

Elective course E