



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.04.08 Finance and Credit

Educational Programme "Master of Business Analytics"

Trajectories: "Strategic Business Reporting", "Value Based Business Analytics"

Implementing unit: Faculty of Economic Sciences, 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

20.05.2024

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	
	Value Based Business Analytics (Applied track)		120,00	60,00	60,00	
	Key Seminars		15,00	6,00	9,00	
1	Mentor's Seminar "Value Based Business Analytics" (offered in a foreign language)	C	12,00	3,00	9,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-3, PC-4, PC-6, UC-1, UC-3, UC-4, UC-6
2	Research Seminar "Research Methods in Finance" (offered in a foreign language)	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, PC-2, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
	Internship		33,00	9,00	24,00	
	Project Internship		27,00	9,00	18,00	
1	Project (offered in a foreign language)	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, PC-1, PC-5, PC-6, UC-1, UC-2, UC-3
2	Project (offered in a foreign language)	C	6,00		6,00	GPC-1.FAC, GPC-2.FAC, GPC-4.FAC, PC-2, PC-3, PC-4, PC-5, UC-1, UC-2, UC-3, UC-4, UC-5
3	Project Laboratory within Specialization "Value Based Analytics" (offered in a foreign language)	C	9,00	3,00	6,00	GPC-2.FAC, GPC-3.FAC, PC-1, PC-2, PC-4, UC-1, UC-2, UC-3
4	Workshop on Working with Data (offered in a foreign language)	C	3,00	3,00		GPC-2.FAC, PC-6, UC-1
5	Workshop on AI in Finance Research (offered in a foreign language)	C	6,00		6,00	
	Research Internship		6,00		6,00	

1	Preparation of the Graduate Thesis (offered in a foreign language)	C	6,00		6,00	GPC-1.FAC, GPC-2.FAC, PC-1, PC-4, UC-1, UC-2, UC-3
	Major		60,00	39,00	21,00	
	Compulsory Courses		45,00	33,00	12,00	
1	Theory of Finance (offered in a foreign language)	C	3,00	3,00		GPC-2.FAC, PC-1, PC-2, UC-1, UC-2, UC-3
2	Valuation and Value Based Management (offered in a foreign language)	C	6,00	6,00		GPC-1.FAC, PC-1, PC-2, PC-3, PC-5, UC-2, UC-3, UC-4, UC-5, UC-6
3	Public Non-Financial Reporting (offered in a foreign language)	C	3,00	3,00		GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-2, PC-3, PC-5, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
4	Financial Markets and Instruments (offered in a foreign language)	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-3, PC-4, PC-5, UC-1, UC-2, UC-3, UC-4, UC-5
5	Corporate Finance (offered in a foreign language)	C	6,00	6,00		GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-3, PC-5, UC-1, UC-2, UC-3, UC-4, UC-6
6	Econometrics (Advanced Level) (offered in a foreign language)	C	6,00	6,00		GPC-1.FAC, GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, PC-5, PC-6, UC-1, UC-3, UC-6
7	International Financial Reporting Standards 1, 2 (offered in a foreign language)	C	9,00	6,00	3,00	GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
8	Corporate Governance and Compliance (offered in a foreign language)	C	3,00		3,00	GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, UC-1, UC-2
9	Macroeconomics (Advanced Level) (offered in a foreign language)	C	6,00		6,00	GPC-2.FAC, PC-1, UC-1, UC-2, UC-3, UC-6
	Elective Courses 1st year		6,00	6,00		
1	Integrated Risk Management (offered in a foreign language)	E	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-5, UC-1, UC-3, UC-4, UC-5, UC-6
2	Sustainable Finance (offered in a foreign language)	E	3,00	3,00		GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-2, PC-4, PC-5, UC-1, UC-2, UC-3, UC-5, UC-6
3	Financial Modelling (offered in a foreign language)	E	3,00	3,00		GPC-3.FAC, GPC-4.FAC, PC-1, PC-3, PC-4, PC-5, PC-6, UC-1, UC-4, UC-5, UC-6
	Elective Courses 2nd year		9,00		9,00	
1	Strategic Managerial Accounting (offered in a foreign language)	E	3,00		3,00	GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-2, PC-4, PC-5, UC-1, UC-2, UC-5, UC-6
2	Behavioral Finance:Applications in Business Analytics (offered in a foreign language)	E	3,00		3,00	GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-2, PC-4, PC-5, UC-1, UC-3, UC-4, UC-5

3	Strategic Management (offered in a foreign language)	E	3,00		3,00	GPC-2.FAC, GPC-4.FAC, PC-2, PC-5, UC-3, UC-5
4	Data Analytics and Mining (offered in a foreign language)	E	3,00		3,00	GPC-1.FAC, GPC-2.FAC, PC-1, PC-2, UC-1, UC-3
	Magolego		9,00	6,00	3,00	
1	All-university Pool MAGOLEGO Courses (offered in a foreign language)	E	9,00	6,00	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-3, UC-4, UC-5, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper (offered in a foreign language)	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-3, UC-4, UC-5, UC-6
	Strategic Business Reporting (Applied track)		120,00	60,00	60,00	
	Key Seminars		15,00	6,00	9,00	
1	Mentor's Seminar "Research Methods in Reporting" (offered in a foreign language)	C	12,00	3,00	9,00	GPC-1.FAC, GPC-2.FAC, GPC-4.FAC, PC-2, UC-1, UC-2, UC-3, UC-4, UC-6
2	Research Seminar "Research Methods in Finance" (offered in a foreign language)	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-4.FAC, PC-2, UC-1, UC-2, UC-3, UC-4, UC-6
	Internship		33,00	9,00	24,00	
	Project Internship		27,00	9,00	18,00	
1	Project (offered in a foreign language)	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, PC-1, PC-4, UC-1, UC-2, UC-3
2	Project (offered in a foreign language)	C	6,00		6,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, PC-1, PC-4, UC-1, UC-2, UC-3
3	Project Laboratory within Specialization "Strategic Business Reporting" (offered in a foreign language)	C	9,00	3,00	6,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, PC-1, PC-4, UC-1, UC-2, UC-3
4	Workshop on Working with Data (offered in a foreign language)	C	3,00	3,00		GPC-2.FAC, PC-7, UC-1
5	Workshop on AI in Finance Research (offered in a foreign language)	C	6,00		6,00	
	Research Internship		6,00		6,00	
1	Preparation of the Graduate Thesis (offered in a foreign language)	C	6,00		6,00	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, UC-4, UC-5, UC-6
	Major		60,00	39,00	21,00	
	Compulsory Courses		45,00	33,00	12,00	
1	Corporate Governance and Compliance (offered in a foreign language)	C	3,00		3,00	GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, UC-1, UC-2
2	Macroeconomics (Advanced Level) (offered in a foreign language)	C	6,00		6,00	GPC-2.FAC, PC-2, UC-1, UC-2, UC-3

3	Theory of Finance (offered in a foreign language)	C	3,00	3,00		GPC-2.FAC, PC-1, PC-2, UC-1, UC-2, UC-3
4	Valuation and Value Based Management (offered in a foreign language)	C	6,00	6,00		GPC-1.FAC, PC-2, UC-2, UC-3, UC-4
5	Public Non-Financial Reporting (offered in a foreign language)	C	3,00	3,00		GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-1, PC-3, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
6	Corporate Finance (offered in a foreign language)	C	6,00	6,00		GPC-1.FAC, GPC-2.FAC, GPC-4.FAC, PC-5, UC-1, UC-2, UC-3, UC-4
7	Financial Markets and Instruments (offered in a foreign language)	C	3,00	3,00		GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-2, PC-4, UC-1, UC-2, UC-3, UC-4, UC-5
8	Econometrics (Advanced Level) (offered in a foreign language)	C	6,00	6,00		GPC-1.FAC, GPC-2.FAC, GPC-4.FAC, PC-1, PC-2, PC-5, PC-6, UC-1, UC-3, UC-4, UC-6
9	International Financial Reporting Standards 1, 2 (offered in a foreign language)	C	9,00	6,00	3,00	GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
Elective Courses 1st year			6,00	6,00		
1	Financial Modelling (offered in a foreign language)	E	3,00	3,00		GPC-3.FAC, GPC-4.FAC, PC-7, UC-1, UC-4, UC-5, UC-6
2	Taxation and tax planning (offered in a foreign language)	E	3,00	3,00		GPC-2.FAC, GPC-4.FAC, PC-2, PC-6, UC-1, UC-3, UC-4
3	Sustainable Finance (offered in a foreign language)	E	3,00	3,00		GPC-1.FAC, GPC-2.FAC, PC-2, PC-6, PC-7, UC-1, UC-2, UC-3, UC-6
Elective Courses 2nd year			9,00		9,00	
1	Forensic accounting (Fraud Investigation) (offered in a foreign language)	E	3,00		3,00	GPC-2.FAC, GPC-4.FAC, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
2	Strategic Managerial Accounting (offered in a foreign language)	E	3,00		3,00	GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-4, PC-5, PC-6, PC-7, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
3	Strategic Management (offered in a foreign language)	E	3,00		3,00	GPC-2.FAC, GPC-4.FAC, PC-3, PC-5, UC-2, UC-5
4	Auditing and Assurance (offered in a foreign language)	E	3,00		3,00	GPC-1.FAC, GPC-2.FAC, GPC-3.FAC, PC-4, PC-5, PC-6, PC-7, UC-1, UC-2, UC-3, UC-4, UC-5
5	Data Analytics and Mining (offered in a foreign language)	E	3,00		3,00	GPC-1.FAC, GPC-2.FAC, PC-1, PC-2, UC-1, UC-3
Magolego			9,00	6,00	3,00	
1	All-university Pool MAGOLEGO Courses (offered in a foreign language)	E	9,00	6,00	3,00	GPC-2.FAC, GPC-3.FAC, GPC-4.FAC, PC-2, PC-7, UC-1, UC-2, UC-5, UC-6
Final State Certification (FSC)			3,00		3,00	

GPC-3	Способен обобщать и критически оценивать результаты научных исследований и самостоятельно выполнять исследовательские проекты в области финансов и смежных областях
GPC-4	Способен обосновывать и принимать финансово-экономические и организационноуправленческие решения в профессиональной деятельности
PC-1	Able to develop complex financial models of value growth strategies created for different categories of stakeholders
PC-2	Able to develop a system of indicators for the management of the company as a whole and its various divisions, focused on the growth of value for different categories of stakeholders
PC-3	Able to develop effective financing policies using green financing tools
PC-4	Able to apply modern digital technologies for business decision analytics and planning
PC-5	Able to conduct applied research on the quality of growth of companies, best practices in various industries and ways to adapt them to the specifics of industries, organizational forms of companies
PC-6	Able to implement models and algorithms of applied mathematics in the form of computer programs

* Subject type:

Compulsory course

C

Elective course

E