



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 38.04.05 Business Informatics

Educational Programme "Business Analytics and Big Data Systems"

Trajectories: "Business Analytics and Big Data Systems"

Implementing unit: Graduate School of Business, HSE - Moscow

2 nd, 2024/2025 academic year

APPROVED

06.05.2024

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 2 years

Years of Study: 2023/2024 - 2024/2025

Mode of Study: Full Time

Degree: Master's degree / MBA

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	208	86	88	34	4	
Business Analytics and Big Data Systems (Applied track)				60,00	2 280	208	86	88	34	4	
Major				18,00	684	128	66	66			
Elective Courses				18,00	684	128	66	66			
Industrial Analytics				18,00	684	128	66	66			
1	Big Data Based Marketing Analytics	E	департамент бизнес-информатики	6,00	228	48	24	24A			Foreign language
2	Neural Networks and Deep Learning	E	департамент бизнес-информатики	6,00	228	36	18	18A			Online Course, Foreign language
3	Cloud Technologies	E	департамент бизнес-информатики	6,00	228	36	18A	18A			Online Course, Foreign language
4	Predictive Modelling	E	Department of Mathematics	6,00	228	48	24	24A			Foreign language
5	Recommender Systems	E	департамент бизнес-информатики	6,00	228	48	24	24A			Foreign language
6	Manufacturing Data Collection and Analytics	E	департамент бизнес-информатики	6,00	228	48	24	24A			Foreign language
Final State Certification (FSC)				3,00	114	2				2	
1	Final Qualification Paper	C		3,00	114	2				2A	Foreign language
Key Seminars				9,00	342	72	20	20	32		
1	Research Seminar "Latest Trends in Data Governance, Big Data Analytics & Data Architecture"	C	департамент бизнес-информатики	6,00	228	48	12	12	24A		Foreign language
2	Mentor's Seminar "Developing an Individual Educational Trajectory"	C	департамент бизнес-информатики	3,00	114	24	8	8A	8A		Foreign language
Magolego				6,00	228						

1	All-university Pool MAGOLEGO Courses	E		6,00	228						Foreign language
	Internship			24,00	912	6		2	2	2	
	Project Internship			18,00	684	4		2		2	
1	Consulting Project	C		3,00	114	2		2A			Foreign language
2	Thesis Preparation	C		15,00	570	2				2	Foreign language
	Professional Internship			6,00	228	2				2	
1	Work Experience Internship	C		6,00	228	2			2A		Foreign language

Curriculum agreed:

Academic Supervisor BEKLARYAN A.L. 12.04.2024

Dean GABRIELOV A.O. 12.04.2024

Head of Centre for Educational Model Design LEPESHKIN I.A. 06.05.2024

* Subject type:

Compulsory course

C

Elective course

E