



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

1 st, 2024/2025 academic year

APPROVED

06.05.2024

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 2 years

Years of Study: 2024/2025 - 2025/2026

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	
<b>Degree Programme</b>				<b>60,00</b>	<b>2 280</b>	<b>386</b>	<b>78</b>	<b>138</b>	<b>138</b>	<b>32</b>	
<b>Business Analytics and Big Data Systems (Applied track)</b>				<b>60,00</b>	<b>2 280</b>	<b>386</b>	<b>78</b>	<b>138</b>	<b>138</b>	<b>32</b>	
<b>Major</b>				<b>42,00</b>	<b>1 596</b>	<b>336</b>	<b>72</b>	<b>120</b>	<b>120</b>	<b>24</b>	
<b>Basic Components</b>				<b>24,00</b>	<b>912</b>	<b>192</b>	<b>72</b>	<b>48</b>	<b>48</b>	<b>24</b>	
1	Decision Analysis	C	Department of Mathematics	6,00	228	48	24	24A			Foreign language
2	Applied Data Science	C	департамент бизнес-информатики	3,00	114	24	24A				Online Course, Foreign language
3	Enterprise Architecture Perfecting	C	департамент бизнес-информатики	3,00	114	24	24A				Foreign language
4	Strategic Innovation Management	C	департамент стратегического и международного менеджмента	3,00	114	24		24A			Foreign language
5	Technological Company Value Based Management	C	департамент финансового менеджмента	3,00	114	24				24A	Foreign language
6	Sustainable Business Management	C	департамент стратегического и международного менеджмента	3,00	114	24			24A		Foreign language
7	Financial Management	C	департамент финансового менеджмента	3,00	114	24			24A		Foreign language
<b>Elective Courses</b>				<b>18,00</b>	<b>684</b>	<b>144</b>		<b>72</b>	<b>72</b>		
<b>Technological module</b>				<b>12,00</b>	<b>456</b>	<b>96</b>		<b>48</b>	<b>48</b>		
1	Building Scoring Models Using Machine Learning Methods	E	департамент бизнес-информатики	6,00	228	48		24	24A		Foreign language

2	Enterprise Software Systems Development	E	департамент бизнес-информатики	6,00	228	48		24	24A		Foreign language
3	Distributed Data Processing	E	департамент бизнес-информатики	6,00	228	36			18	18A	Online Course, Foreign language
4	Advanced Data Management	E	департамент бизнес-информатики	6,00	228	48			24	24A	Foreign language
<b>Management module</b>				<b>6,00</b>	<b>228</b>	<b>48</b>		<b>24</b>	<b>24</b>		
1	DevRel for Business	E	департамент бизнес-информатики	3,00	114	24			24A		Foreign language
2	Business Rhetoric and Communication	E	School of Foreign Languages	3,00	114	24		24A			Foreign language
3	Cyber Law: Data, Ethics and Digital Property	E	департамент права цифровых технологий и биоправа	3,00	114	24			24A		Foreign language
4	Leadership and Project Team Management	E	департамент организационного поведения и управления человеческими ресурсами	3,00	114	24		24A			Foreign language
<b>Key Seminars</b>				<b>6,00</b>	<b>228</b>	<b>48</b>	<b>6</b>	<b>18</b>	<b>18</b>	<b>6</b>	
1	Research Seminar "Big Data: Principles and Paradigms"	C	департамент бизнес-информатики	3,00	114	24		12	12A		Foreign language
2	Mentor's Seminar "Developing an Individual Educational Trajectory"	C	департамент бизнес-информатики	3,00	114	24	6A	6	6	6A	Foreign language
<b>Magolego</b>				<b>6,00</b>	<b>228</b>						
1	All-University Pool MagoLego Courses	E		6,00	228						Foreign language
<b>Internship</b>				<b>6,00</b>	<b>228</b>	<b>2</b>				<b>2</b>	
<b>Project Internship</b>				<b>6,00</b>	<b>228</b>	<b>2</b>				<b>2</b>	
1	Consulting Project	C		6,00	228	2				2A	Foreign language

**Curriculum agreed:**

Academic Supervisor BEKLARYAN A.L. 25.04.2024

Dean GABRIELOV A.O. 06.05.2024

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

\* Subject type:

Compulsory course

C

Elective course

E