



# National Research University Higher School of Economics (HSE)

Curriculum  
Field of study 38.03.05 Business Informatics  
Educational Programme "Business Informatics"  
Implementing unit: Faculty of Informatics, Mathematics and  
Computer Sciences, HSE - Nizhny Novgorod  
1 st, 2022/2023 academic year

APPROVED  
06.06.2022  
Vice Rector  
ROSHCHIN S.Y.  
Signed with EDS

Length of Programme: 4 years  
Years of Study: 2022/2023 - 2025/2026  
Mode of Study: Full Time  
Degree: Bachelor's degree

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>2 480</b>	<b>813</b>	<b>144</b>	<b>152</b>	<b>290</b>	<b>227</b>	
	<b>Data Culture</b>			<b>4,00</b>	<b>152</b>	<b>23</b>	<b>20</b>			<b>3</b>	
1	Independent Digital Literacy Test	C	Center for Support and Monitoring of Degree Programs			3				3A	
2	Foundations of Algorithmization	C	Department of Data Systems and Technologies	4,00	152	20	20A				Online Course
	<b>Major</b>			<b>51,00</b>	<b>1 938</b>	<b>608</b>	<b>76</b>	<b>104</b>	<b>246</b>	<b>182</b>	
	<b>Core Professional Block (Major)</b>			<b>39,00</b>	<b>1 482</b>	<b>516</b>	<b>76</b>	<b>104</b>	<b>216</b>	<b>120</b>	
	<b>Subject Areas</b>			<b>39,00</b>	<b>1 482</b>	<b>516</b>	<b>76</b>	<b>104</b>	<b>216</b>	<b>120</b>	
1	Algebra and Geometry	C	Department of Mathematics	6,00	228	56	28	28A			
2	Introduction to Business Informatics	C	Department of Data Systems and Technologies	4,00	152	40	20	20A			
3	Discrete Mathematics	C	Department of Data Systems and Technologies	6,00	228	84			44	40A	
4	Calculus	C	Department of Applied Mathematics and Information Science	9,00	342	140	28	28A	44	40A	
5	Microeconomics	C	Department of Economic Theory and Econometrics	6,00	228	84			44	40A	
6	Java Programming (Basic Level)	C	Department of Data Systems and Technologies	4,00	152	72		28	44A		
7	Management Theory and History	C	Department of General and Strategic Management	4,00	152	40			40A		
	<b>Elective Professional Block (Major)</b>			<b>12,00</b>	<b>456</b>	<b>92</b>			<b>30</b>	<b>62</b>	
	<b>Elective Courses</b>			<b>4,00</b>	<b>152</b>	<b>30</b>				<b>30</b>	
1	Java Programming (Advanced Level)	C	Department of Data Systems and Technologies	4,00	152	30				30A	Online Course

	Research Seminar and/or Project Seminar			8,00	304	62			30	32	
1	Scientific-Practical Seminar "Digital Literacy"	C	Department of Data Systems and Technologies	4,00	152	30			30A		
2	Project Seminar "Foundations of Programming"	C	Department of Data Systems and Technologies	4,00	152	32				32A	
	<b>English</b>					2				2	
	<b>Optional Courses</b>										
1	English	O		8,00	304	128	20	28A	40	40A	Foreign language, Credits only to the cumulative rating
	<b>Examinations</b>					2				2	
1	English Language Test (1st year)	C	Департамент иностранных языков			2				2A	
	<b>General Courses</b>			5,00	390	180	48	48	44	40	
	<b>Optional General Courses</b>			4,00	152	30	14	16			
1	History	C	Кафедра гуманитарных дисциплин	4,00	152	30	14	16A			Online Course
	<b>Core General Courses</b>			1,00	238	150	34	32	44	40	
1	Safe Living Basics	C	Department of General and Strategic Management	1,00	38	6	6A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	28	32A	44	40A	

**Curriculum agreed:**

Academic Supervisor	ULITIN B.I.	31.05.2022
Dean	ASEEVA N.V.	31.05.2022
Deputy Director	FOMENKOV D.A.	31.05.2022
Head of Degree Programmes Development Office	MAMONOVA M.A.	02.06.2022

\* Subject type:

Compulsory course  
Elective course  
Optional course

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