

## National Research University Higher School of Economics (HSE)

## Curriculum

Field of study 38.03.05 Business Informatics

Educational Programme "Business Informatics"

Faculty of Informatics, Mathematics and Computer Sciences,

HSE - Nizhny Novgorod

1 st, 2020/2021 academic year

APPROVED by  
Vice Rector

ROSHCHIN Y.S.

Length of Programme: 4 years

Years of Study: 2020/2021 - 2023/2024

Mode of Study: Full Time

Degree: Bachelor's degree

Number of Students: 78

Number of Groups: 3

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	2 784	959	165	220	306	268	
	Data Culture			4	152	35	35				
1	Foundations of Alghorithmization	C	Department of Data Systems and Technologies	4	152	35	35A				Online Course
	Major			48	1 824	602	76	128	218	180	
	Core Professional Block (Major)			39	1 482	518	56	84	198	180	
	Subject Areas			39	1 482	518	56	84	198	180	
	Higher Mathematics			21	798	280	56	56	88	80	
1	Algebra and Geometry	C	Department of Mathematics	6	228	56	28	28A			
2	Discrete Mathematics	C	Department of Data Systems and Technologies	6	228	84			44	40A	
3	Calculus	C	Department of Applied Mathematics and Information Science	9	342	140	28	28A	44	40A	
	General and Strategic Management			4	152	42			22	20	
1	Management Theory and History	C	Department of General and Strategic Management	4	152	42			22	20A	
	Programming			8	304	112		28	44	40	
1	Programming Interfaces in Java	C	Department of Data Systems and Technologies	4	152	40				40A	
2	Java Programming (Basic Level)	C	Department of Data Systems and Technologies	4	152	72		28	44A		
	Economics			6	228	84			44	40	
1	Microeconomics	C	Department of Economic Theory and Econometrics	6	228	84			44	40A	
	Elective Professional Block (Major)			9	342	84	20	44	20		
	Вариативный профессиональный (Major)			4	152	40	20	20			

1	Introduction to Business Informatics	E	Department of Data Systems and Technologies	4	152	40	20	20A			
	<b>Научно-исследовательский семинар</b>			<b>5</b>	<b>190</b>	<b>44</b>		<b>24</b>	<b>20</b>		
1	Project Seminar "SWOT Analysis"	E	Department of Data Systems and Technologies	2	76	20			20A		
2	Project Seminar "Foundations of Programming"	E	Department of Data Systems and Technologies	3	114	24		24A			
	<b>English</b>				<b>304</b>	<b>146</b>	<b>24</b>	<b>32</b>	<b>44</b>	<b>46</b>	
	<b>Optional Courses</b>				<b>304</b>	<b>144</b>	<b>24</b>	<b>32</b>	<b>44</b>	<b>44</b>	
1	English	O		8	304	144	24	32A	44	44A	Foreign language, Credits only to the cumulative rating
	<b>Examinations</b>					<b>2</b>				<b>2</b>	
1	English Language Integrative Exam	C	Department of Applied Linguistics and Foreign Languages			2				2A	
	<b>General Courses</b>			<b>5</b>	<b>390</b>	<b>174</b>	<b>30</b>	<b>60</b>	<b>44</b>	<b>40</b>	
	<b>Optional General Courses</b>			<b>4</b>	<b>152</b>	<b>28</b>		<b>28</b>			
1	History	C	Department of Theory and History of Law and State	4	152	28		28A			Online Course
	<b>Core General Courses</b>			<b>1</b>	<b>238</b>	<b>146</b>	<b>30</b>	<b>32</b>	<b>44</b>	<b>40</b>	
1	Safe Living Basics	C	Department of General and Strategic Management	1	38	2	2A				Online Course
2	Physical Training	C	Department of Physical Training		200	144	28	32	44	40A	
	<b>Internship</b>			<b>3</b>	<b>114</b>	<b>2</b>				<b>2</b>	
	<b>Project Internship</b>			<b>3</b>	<b>114</b>	<b>2</b>				<b>2</b>	
1	Исследовательский или прикладной проект	E		3	114	2				2A	

Academic Supervisor

ULITIN B.I.

Dean

ASEEVA N.V.

Deputy Director

FOMENKOV D.A.

Head of Degree Programmes  
Development Office

MAMONOVA M.A.

\* Subject type:

Compulsory course

C

Elective course

E

Optional course

O