



National Research University Higher School of Economics (HSE)

Curriculum  
 Field of study 38.04.01 Economics,  
 38.04.02 Management  
 Educational Programme "Business Analytics in Economics and  
 Management"  
 Trajectories: "Business-analytics in Economics and  
 Management"  
 Implementing unit: Faculty of Economics, HSE - Nizhny  
 Novgorod  
 1 st, 2022/2023 academic year

APPROVED

04.05.2022

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 2 years

Years of Study: 2022/2023 - 2023/2024

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>618</b>	<b>128</b>	<b>142</b>	<b>124</b>	<b>144</b>	
<b>Business-analytics in Economics and Management (General track)</b>				<b>60,00</b>	<b>2 280</b>	<b>618</b>	<b>128</b>	<b>142</b>	<b>124</b>	<b>144</b>	
<b>Major</b>				<b>39,00</b>	<b>1 482</b>	<b>506</b>	<b>112</b>	<b>112</b>	<b>102</b>	<b>100</b>	
<b>Elective Courses</b>				<b>6,00</b>	<b>228</b>	<b>160</b>			<b>40</b>	<b>40</b>	
1	SQL for data analysis	E	Department of Mathematical Economics	3,00	114	40			40A		
2	Data analysis and visualization using the R language	E	Department of Mathematical Economics	3,00	114	40				40A	
3	Data Analytics in Excel	E	Department of Mathematical Economics	3,00	114	40			40A		
4	Risk Management and Insurance Models	E	Department of Economic Theory and Econometrics	3,00	114	40				40A	
<b>Elective Courses</b>				<b>12,00</b>	<b>456</b>	<b>112</b>	<b>56</b>	<b>56</b>			
1	Microeconomics (Advanced Level)	E	Department of Economic Theory and Econometrics	6,00	228	56	28	28A			
2	Economic Growth Management	E	Department of Economic Theory and Econometrics	6,00	228	56	28	28A			
3	Managerial Economics	E	Department of Accounting, Analysis and Audit	6,00	228	56	28	28A			
<b>Core Courses</b>				<b>21,00</b>	<b>798</b>	<b>234</b>	<b>56</b>	<b>56</b>	<b>62</b>	<b>60</b>	
1	Python for data analysis in economics and management	C	Department of Mathematical Economics	3,00	114	40				40A	Foreign language
2	Business Analytics for High-Tech Industries	C	Department of Economic Theory and Econometrics	3,00	114	28		28A			

3	Competitiveness of Russian Companies and Industries	C	Department of Economic Theory and Econometrics	3,00	114	40			40A		Online Course
4	Modeling of business functions and business processes and their automation	C	Department of Venture Management	6,00	228	42			22	20A	
5	Applied Econometrics	C	Department of Economic Theory and Econometrics	6,00	228	84	56	28A			
<b>Key Seminars</b>				<b>12,00</b>	<b>456</b>	<b>110</b>	<b>16</b>	<b>30</b>	<b>22</b>	<b>42</b>	
<b>Научно-исследовательские семинары 1 курс</b>				<b>3,00</b>	<b>114</b>	<b>40</b>				<b>40</b>	
1	Research Seminar "Instrumental Methods for Analyzing Economics and Business"	E	Department of Mathematical Economics	3,00	114	40				40A	
2	Research Seminar "Applied Aspects of Business Analytics in Economics and Management"	E	Department of Accounting, Analysis and Audit	3,00	114	40				40A	
<b>Проектный семинар</b>				<b>6,00</b>	<b>228</b>	<b>48</b>		<b>28</b>	<b>20</b>		
1	Project Seminar	C	Department of Accounting, Analysis and Audit	6,00	228	48		28	20A		
<b>Mentor's Seminar</b>				<b>3,00</b>	<b>114</b>	<b>22</b>	<b>16</b>	<b>2</b>	<b>2</b>	<b>2</b>	
1	Mentor's Seminar	C	Department of Mathematical Economics	3,00	114	22	16	2	2	2A	
<b>Magolego</b>				<b>6,00</b>	<b>228</b>						
1	Дисциплина других планов	E		6,00	228						
<b>Internship</b>				<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
<b>Project Internship</b>				<b>3,00</b>	<b>114</b>	<b>2</b>				<b>2</b>	
1	-	C		3,00	114	2				2A	

**Curriculum agreed:**

Academic Supervisor	LEONOVA L.A.	25.04.2022
Dean	SHTEFAN M.A.	26.04.2022
Deputy Director	FOMENKOV D.A.	26.04.2022
Head of Degree Programmes Development Office	MAMONOVA M.A.	29.04.2022

\* Subject type:

Compulsory course

C

Elective course

E