

National Research University Higher School of Economics (HSE)

Curriculum

Field of study 38.04.05 Business Informatics
Educational Programme "Business Informatics"

Trajectories: "Agile Organization Architecture", "Healthcare IT"

Implementing unit: Faculty of Informatics, Mathematics and
Computer Sciences, HSE - Nizhny Novgorod

2 nd, 2023/2024 academic year

APPROVED 22.03.2023 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

							Al	llocation of (Contact Hour		
Block Code	Course	Subject type	Department	Credits	Total Academic Hours	Contact Hours	1	2	3	4	Additional Information
	Degree Programme				2 280	344	96	90	166	4	
	Agile Organization Architecture (Rese	60,00 24,00	2 280	356	96	90	166	4			
	Major				912	218	80	62	76		
1	Business and Organizational Agility	С	Department of Data Systems and Technologies	3,00	114	32			32A		Foreign language
2	Payment systems. Introduction to Cryptocurrencies and Distributed Registry Technologies	С	департамент финансового менеджмента	6,00	228	48		24A			
3	g	С	Department of Data Systems and Technologies	3,00	114	28	28A				Foreign language
4	Theory and Practice of Domain-Specific Languages	С	Department of Data Systems and Technologies	3,00	114	28	28A				
5	Management and Modeling in Decision Support Information Systems	С	Department of Data Systems and Technologies	3,00	114	44			44A		
6	Formal Methods of Model Validation and Verification	С	Department of Data Systems and Technologies	3,00	114	32		32A			
7	Enterprises	С	Department of Data Systems and Technologies	3,00	114	6		6A			Online Course
	Final State Certification (FSC)			3,00	114	2				2	
1	Final Qualification Paper	С		3,00	114	2				2A	
	Key Seminars			11,00	418	132	16	28	88		
1	Mentor's Seminar	С	Department of Data Systems and Technologies	11,00	418	132	16	28	88A		
	Magolego										
1	All-university Pool MAGOLEGO Courses	E									

	Internship	22,00	836	4			2	2			
	Research Internship	22,00	836	4			2	2			
1	Preparation of the Final Qualification Work	С		18,00	684	2				2	
2	Work Experience Internship	С		4,00	152	2			2A		
	Healthcare IT (Applied track)	60,00	2 280	252	66	90	92	4			
	Major	24,00	912	186	52	62	72				
1	Machine Learning Algorithms in Medical Informatics	С	Department of Data Systems and Technologies	6,00	228	32		32A			
2	Introduction to Information Security Architecture and Management in Digital Medicine	С	Department of Data Systems and Technologies	3,00	114	28			28A		Online Course
3	Payment systems. Introduction to Cryptocurrencies and Distributed Registry Technologies	С	департамент финансового менеджмента	6,00	228	48	24	24A			
4	Enterprise Architecture Perfecting	С	Department of Data Systems and Technologies	3,00	114	28	28A				Foreign language
5	Management and Modeling in Decision Support Information Systems	С	Department of Data Systems and Technologies	3,00	114	44			44A		
6	Digital Transformation of Industrial Enterprises	С	Department of Data Systems and Technologies	3,00	114	6		6A			Online Course
	Final State Certification (FSC)	3,00	114	2				2			
1	Final Qualification Paper	С		3,00	114	2				2A	
	Key Seminars				418	60	14	28	18		
1	Mentor's Seminar	С	Department of Data Systems and Technologies	11,00	418	60	14	28	18A		
	Internship				836	4			2	2	
	Project Internship				836	4			2	2	
1	Preparation of the Final Qualification Work	С		18,00	684	2				2	
2	Work Experience Internship	С		4,00	152	2			2A		

Curriculum agreed:

Academic Supervisor BAEVSKIY O.A. 28.02.2023

Dean ASEEVA N.V. 01.03.2023

Deputy Director FOMENKOV D.A. 01.03.2023

Head of Centre for

Educational Model Design LEPESHKIN I.A. 20.03.2023

С

* Subject type:

Compulsory course

Elective course E