



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
 1 st, 2022/2023 academic year

APPROVED
 15.06.2022
 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	
Degree Programme				60,00	2 280	516	140	208	270	324	
Agile Organization Architecture (Research track)				60,00	2 280	518	10 920	88	138	152	
Major				42,00	1 596	446	10 920	60	116	130	
1	Enterprise Architecture	C	Department of Data Systems and Technologies	3,00	114	44			44A		
2	Enterprise Architecture (Advanced Level)	C	Department of Data Systems and Technologies	3,00	114	40				40A	
3	Information Technologies in Decision Support Information Systems	C	Department of Data Systems and Technologies	3,00	114	40				40A	
4	Conceptual Modelling	C	Department of Data Systems and Technologies	3,00	114	44			44A		
5	Conceptual Modeling: Information Technologies	C	Department of Data Systems and Technologies	3,00	114	40				40A	
6	Building the Enterprise's IT Infrastructure	C	Department of Data Systems and Technologies	3,00	114	32		32A			
7	Practice of Systems Engineering	C	Department of Data Systems and Technologies	3,00	114	10				10A	Online Course
8	System Analysis and Design: Archetypes of Systems	C	Department of Data Systems and Technologies	3,00	114	28			28A		
9	Economic and Mathematic Modeling	C	Department of Data Systems and Technologies	3,00	114	28		28A			
Key Seminars				4,00	152	70		28	22	20	
1	Mentor's Seminar	C	Department of Data Systems and Technologies	4,00	152	70		28A	22	20A	
Magolego				9,00	342						
1	University Pool Courses	E		9,00	342						

	Internship			5,00	190	2			2	
	Research Internship			5,00	190	2			2	
1	Term Paper	C		5,00	190	2			2A	
	Healthcare IT (Applied track)			1 215,00	46 170	11 344	10 920	120	132	172
	Major			1 197,00	45 486	11 230	10 920	92	88	130
1	Enterprise Architecture	C	Department of Data Systems and Technologies	3,00	114	44			44A	
2	Information Technologies in Decision Support Information Systems	C	Department of Data Systems and Technologies	3,00	114	40				40A
3	Conceptual Modelling	C	Department of Data Systems and Technologies	3,00	114	44			44A	
4	Mathematics and Python for Data Analysis	C	Department of Data Systems and Technologies	3,00	114	40				40A
5	General Introduction to Medical Informatics	C	Department of Data Systems and Technologies	3,00	114	32		32A		
6	Building the Enterprise's IT Infrastructure	C	Department of Data Systems and Technologies	3,00	114	32		32A		
7	Practice of Systems Engineering	C	Department of Data Systems and Technologies	3,00	114	10				10A Online Course
8	Health Information Exchange Standards	C	Department of Data Systems and Technologies	3,00	114	40				40A
9	Economic and Mathematic Modeling	C	Department of Data Systems and Technologies	3,00	114	28		28A		
	Key Seminars			4,00	152	112		28	44	40
1	Mentor's Seminar	C	Department of Data Systems and Technologies	4,00	152	112		28A	44	40A
	Magolego			9,00	342					
1	University Pool Courses	E		9,00	342					
	Internship			5,00	190	2				2
	Project Internship			5,00	190	2				2
1	Term Paper	C		5,00	190	2				2A
	General Components			15,00	570	140	140			
	Major			15,00	570	140	140			
	Core Professional Block (Major)			15,00	570	140	140			
1	Business Rhetoric and Communication	C	School of Foreign Languages	3,00	114	24	24A			Foreign language
2	Introduction to Business Informatics	C	Department of Data Systems and Technologies	3,00	114	28	28A			
3	System Analysis and Organization Design	C	Department of Data Systems and Technologies	3,00	114	28	28A			
4	Modern Information Technologies for Building IT Infrastructure	C	Department of Data Systems and Technologies	3,00	114	28	28A			
5	Strategic Management	C	Department of Venture Management	3,00	114	32	32A			Foreign language

Curriculum agreed:

Academic Supervisor	BAEVSKIY O.A.	08.06.2022
Dean	ASEEVA N.V.	09.06.2022
Deputy Director	FOMENKOV D.A.	09.06.2022
Head of Degree Programmes Development Office	MAMONOVA M.A.	09.06.2022

* Subject type:

Compulsory course

C

Elective course

E