



National Research University Higher School of Economics (HSE)

Basic Curriculum

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

Trajectories: "Business Informatics: Digital Enterprise and Information Systems Management"

Implementing unit: Graduate School of Business, HSE - Moscow

Years of Study: 2023/2024 - 2024/2025

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

APPROVED

29.05.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Business Informatics: Digital Enterprise and Information Systems Management (Applied track)		120,00	60,00	60,00	
	Key Seminars		21,00	12,00	9,00	
	Research Seminars		15,00	12,00	3,00	
1	Mentor's Seminar	C	6,00	3,00	3,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-2, PC-4, UC-1, UC-2, UC-3, UC-4, UC-6
2	Research Seminar "Information Systems Life Cycle Management" 1 course	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
3	Research Seminar "Information Business Intelligence"	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-6
4	Project seminar "Enterprise Engineering"	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
	Elective Research Seminars		6,00		6,00	
1	Research Seminar "Information Systems Life Cycle Management" 2 course	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
2	Research Seminar "Information Business Analytics" (2Nd Course)	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-6

	Internship		30,00	6,00	24,00	
	Project Internship		21,00	3,00	18,00	
1	Consultation Project	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, PC-5, PC-6
2	Consulting project	C	3,00		3,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, PC-5, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
3	Graduation Thesis	C	15,00		15,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Professional Internship		6,00		6,00	
1	Work Experience Internship	C	6,00		6,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Research Internship		3,00	3,00		
1	Курсовая работа	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-2, PC-3, PC-5, UC-1, UC-2, UC-3, UC-4, UC-6
	Major		57,00	39,00	18,00	
	Basic Components		33,00	27,00	6,00	
1	IT Strategy Development	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, UC-1, UC-4
2	Project Portfolio Management - New Methodological Approaches and Tools	C	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, UC-1, UC-4
3	Design Thinking to a Product Concept Creation	C	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4, UC-6
4	Corporate Finance and Financial Analysis	C	6,00	6,00		GPC-2.BUI, PC-1, PC-3
5	Enterprise Architecture Perfecting (offered in a foreign language)	C	3,00	3,00		GPC-3.BUI, PC-6, PC-9, UC-4, UC-6
6	Data Science for Business	C	3,00	3,00		GPC-2.BUI, GPC-5.BUI, PC-6
7	Managing Distributed Teams	C	3,00		3,00	GPC-2.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, UC-3, UC-4, UC-6
8	Sustainable Business Management (offered in a foreign language)	C	3,00		3,00	GPC-2.BUI, GPC-4.BUI, GPC-5.BUI, PC-4, UC-3, UC-4, UC-5
	Choosing a Development Track		12,00	12,00		
	Disciplines of the Track "Intelligent Systems in Business Management"		12,00	12,00		

1	Predictive Data Modeling	E	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-4
2	Information and Analytical Systems of Corporate Performance Management	E	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-4
3	Models and tools for making management decisions	E	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-4
	Courses of the Development Track "Information Systems Management"		12,00	12,00		
1	Value Information Systems Management	E	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
2	Information Systems Life Cycle Management	E	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
3	Simulation Modeling	E	6,00	6,00		GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8
	Дисциплины по выбору 2 курс		12,00		12,00	
	Disciplines of the Track "Intelligent Systems in Business Management"		12,00		12,00	
1	Manufacturing Data Collection and Analytics	E	6,00		6,00	PC-8
2	Deep Data and Text Analysis	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-4
3	Architecture for Data-Driven Business Intelligence Solutions	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, PC-9, UC-1, UC-2, UC-4
	Courses of the Development Track "Information Systems Management"		12,00		12,00	
1	Knowledge Management Systems	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-6, PC-8, UC-1
2	Payment systems. Introduction to Cryptocurrencies and Distributed Registry Technologies	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, PC-2, PC-3, PC-4, UC-1, UC-2, UC-3, UC-4, UC-6
3	Intellectual Company	E	6,00		6,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-3, PC-4, UC-1, UC-2, UC-4
	Magolego		9,00	3,00	6,00	
1	All-university Pool MAGOLEGO Courses	E	9,00	3,00	6,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-2, PC-3, PC-4, PC-5, PC-6, PC-7, PC-8, PC-9, UC-1, UC-2, UC-3, UC-4, UC-5, UC-6

Curriculum agreed:

Academic Supervisor	Вагнер Ю.Б.	26.05.2023
Dean	GABRIELOV A.O.	26.05.2023
Head of Centre for Educational Model Design	LEPESHKIN I.A.	26.05.2023

* Subject type:

Compulsory course	C
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Elective course	E
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