



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.04.05 Business Informatics

Educational Programme "Business and IT Architecture of High-Tech Companies"

Trajectories: "Business and IT architecture of high-tech companies"

Implementing unit: St. Petersburg School of Economics and Management, HSE, HSE - Saint Petersburg

Years of Study: 2024/2025 - 2025/2026

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

APPROVED

19.04.2024

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 and IT architecture of high-tech companies (Applied track)		120,00	60,00	60,00	
	Key Seminars		15,00	6,00	9,00	
1	Project seminar "Business architecture of the company"	C	3,00	3,00		GPC-2.BUI, GPC-3.BUI, PC-1, PC-10, PC-2, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
2	Project seminar "Company IT architecture and corporate data management system"	C	3,00		3,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, PC-8, UC-1, UC-2, UC-3, UC-4, UC-6
3	Research seminar "Digital technologies for transforming companies"	C	3,00		3,00	GPC-1.BUI, GPC-4.BUI, GPC-5.BUI, PC-6, PC-8, UC-1, UC-2, UC-3, UC-4, UC-6
4	Mentor's seminar "Development of an individual educational trajectory and management of professional development"	C	6,00	3,00	3,00	GPC-2.BUI, GPC-3.BUI, GPC-5.BUI, PC-1, PC-11, PC-2, UC-1, UC-4, UC-5, UC-6
	Internship		24,00	6,00	18,00	
	Project Internship		9,00	6,00	3,00	
1	The project "Improving the company's business architecture"	C	6,00	6,00		GPC-2.BUI, GPC-3.BUI, PC-1, PC-10, PC-2, PC-6, UC-1, UC-2, UC-3, UC-4, UC-6
2	Project "Development of the company's IT architecture and corporate data management system"	C	3,00		3,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, PC-1, PC-2, PC-3, PC-4, PC-5, PC-7, PC-8, UC-1, UC-2, UC-3, UC-4, 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-10, PC-11, 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		9,00		9,00	
1	Preparation of a master's thesis	C	9,00		9,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, PC-1, PC-10, PC-11, 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
	Major		69,00	48,00	21,00	
	Обязательные дисциплины программы		63,00	48,00	15,00	
1	Enterprise Architecture Perfecting	C	6,00	6,00		GPC-1.BUI, PC-1, UC-1
2	Project management system in the company	C	3,00	3,00		GPC-2.BUI, PC-2, UC-1, UC-2
3	Corporate Data Management	C	6,00	6,00		GPC-1.BUI, GPC-2.BUI, PC-4, PC-5, UC-1
4	Management consulting methods and tools	C	3,00	3,00		GPC-1.BUI, GPC-4.BUI, PC-6
5	Systems Thinking	C	3,00	3,00		PC-1, PC-9, UC-4, UC-5
6	Financial mechanisms of business process management	C	6,00	6,00		GPC-2.BUI, PC-10, UC-1
7	Data organization and storage technologies	C	6,00	6,00		GPC-1.BUI, GPC-3.BUI, PC-4, PC-5
8	Artificial intelligence and advanced analytics technologies	C	6,00	6,00		GPC-3.BUI, PC-3, PC-5, UC-1
9	Operational management and performance management technologies	C	6,00	6,00		GPC-1.BUI, GPC-3.BUI, PC-1, UC-1
10	Practices of digital transformation of companies	C	3,00		3,00	GPC-1.BUI, GPC-2.BUI, GPC-3.BUI, PC-2, PC-6, UC-1
11	IT Strategy Development	C	3,00		3,00	GPC-1.BUI, GPC-2.BUI, GPC-5.BUI, PC-9, UC-1
12	Business rhetoric and communication ethics in consulting	C	3,00		3,00	GPC-4.BUI, PC-11, UC-4, UC-5
13	Corporate information systems of high-tech companies	C	6,00		6,00	GPC-5.BUI, PC-7, UC-1
14	The process management system in the company	C	3,00	3,00		PC-2, UC-1
	Elective Courses		6,00		6,00	
1	Design and implementation of analytical applications	E	3,00		3,00	GPC-3.BUI, PC-3, UC-1, UC-2
2	IP Management in the Age of Digital Transformation	E	3,00		3,00	GPC-2.BUI, PC-8, UC-1
3	Simulation Modeling in Business Applications	E	3,00		3,00	GPC-2.BUI, GPC-3.BUI, PC-2, PC-3, UC-1
4	Methods and tools for data analysis in business	E	3,00		3,00	GPC-3.BUI, PC-3, UC-1, UC-2
	Magolego		9,00		9,00	

1	All-university Pool MAGOLEGO Courses	E	9,00		9,00	GPC-3.BUI, GPC-4.BUI, GPC-5.BUI, UC-1, UC-4, 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-10, PC-11, 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		17.04.2024
Dean	LEZINA T.A.	19.04.2024
Deputy Director	KUZMIN P.V.	19.04.2024
Head of Centre for Educational Model Design	LEPESHKIN I.A.	19.04.2024

* Subject type:

Compulsory course	C
Elective course	E