



National Research University Higher School of Economics (HSE)

Basic Curriculum

Field of study 38.04.05 Business Informatics  
 Educational Programme "Information Analytics in Enterprise Management"  
 Trajectories: "Information Analytics in Enterprise Management"  
 Implementing unit: -, HSE - Perm

APPROVED

Vice Rector  
 ROSHCHIN S.Y.  
 Signed with EDS

Years of Study: 2022/2023 - 2023/2024

Length of Programme: 2 years

Mode of Study: Full Time

Degree: Master's degree / MBA

Block Code	Course	Subject type	Credits	Credits by Years		Planned Educational Programme Development Results
				1	2	
	Degree Programme		120,00	60,00	60,00	
	Information Analytics in Enterprise Management (Applied track)		120,00	60,00	60,00	
	Key Seminars		15,00	9,00	6,00	
1	Mentor's Seminar	C	6,00	3,00	3,00	GPC-4, PC-3, GPC-5, UC-5, UC-6, PC-4
2	Master classes of practitioners	C	6,00	3,00	3,00	UC-6, UC-5, GPC-4, GPC-5, PC-3, PC-5
3	Project Seminar	C	3,00	3,00		GPC-4, PC-3, UC-6, UC-5, PC-5, GPC-5
	Internship		24,00	9,00	15,00	
	Project Internship		3,00	3,00		
1	Project	C	3,00	3,00		PC-5, UC-6, GPC-5, PC-3, UC-5, GPC-4
	Professional Internship		6,00		6,00	
1	Work Experience Internship	C	6,00		6,00	PC-3, PC-2, PC-5
	Research Internship		15,00	6,00	9,00	
1	Курсовая работа	C	6,00	6,00		PC-3, GPC-5, GPC-3, PC-2, UC-6, UC-1, PC-5
2	Preparation of the final qualifying work	C	9,00		9,00	PC-3, PC-2, PC-5
	Major		69,00	33,00	36,00	
1	Economic and Mathematic Modeling	C	3,00	3,00		GPC-3, UC-1, UC-6, PC-4, PC-2, GPC-5, PC-5
2	Machine Learning	C	3,00	3,00		UC-3, UC-1, GPC-3, PC-2, GPC-2, PC-4
3	Semantic Technologies (offered in a foreign language)	C	3,00	3,00		GPC-1, UC-4, PC-4, GPC-5, PC-2, UC-1
4	Architecture of Management Information Systems	C	3,00	3,00		PC-3, GPC-1, PC-5, UC-1, GPC-5, PC-4, UC-3

5	Electronic Business	C	3,00		3,00	UC-4, GPC-4, GPC-3, UC-3, PC-5, PC-3
6	Applied Machine Learning (offered in a foreign language)	C	6,00		6,00	PC-1, UC-4, UC-1, PC-2, GPC-2, GPC-3
7	Cloud Technologies (offered in a foreign language)	C	6,00		6,00	PC-3, GPC-5, PC-4, UC-5, GPC-4, UC-6
8	Payment systems. Introduction to Cryptocurrencies and Distributed Registry Technologies	C	6,00		6,00	PC-3, GPC-4, UC-1, UC-4, GPC-5, PC-4
9	Web Programming	C	6,00		6,00	UC-4, PC-3, GPC-4, GPC-5, PC-4, UC-5
10	Building the Enterprise's IT Infrastructure	C	3,00		3,00	GPC-3, PC-3, GPC-1, UC-2, UC-3, PC-4
11	System Analysis and Organization Design	C	3,00	3,00		PC-1, GPC-5, GPC-4, PC-4, UC-2, UC-3, PC-2, GPC-3
12	Conceptual Modelling	C	3,00	3,00		UC-6, PC-4, PC-5, PC-2, GPC-5, UC-1, GPC-3
13	Enterprise Architecture Perfecting (offered in a foreign language)	C	3,00	3,00		PC-4, UC-3, PC-1, UC-2, GPC-3, GPC-2, PC-3
14	Advanced Data Management (offered in a foreign language)	C	6,00	6,00		UC-4, UC-6, PC-2, GPC-2, GPC-5, PC-3, PC-4
15	IT Strategy Development	C	3,00	3,00		PC-4, GPC-2, PC-2, UC-6, GPC-4, UC-2, PC-5
16	Исполнимые модели бизнес-процессов	C	3,00	3,00		PC-4, PC-1, PC-3, GPC-2, GPC-3, UC-2, UC-3
17	Management of Virtual Teams	C	6,00		6,00	GPC-5, UC-3, PC-4, GPC-4, PC-5, UC-4
	Magolego		9,00	9,00		
1	University Pool Discipline	E	9,00	9,00		GPC-4, UC-5, UC-6, PC-5, GPC-5, UC-4, PC-4
	Final State Certification (FSC)		3,00		3,00	
1	Final Qualification Paper	C	3,00		3,00	GPC-3, UC-2, GPC-2, UC-1, PC-5, PC-2, PC-3

**Curriculum agreed:**

Academic Supervisor

PLOTNIKOVA E.G.

Dean

ALENINA K.A.

Deputy Director

ZAGORODNOVA E.P.

Head of Degree Programmes  
Development Office

MAMONOVA M.A.

\* Subject type:

Compulsory course

C

Elective course

E