



National Research University Higher School of Economics (HSE)

Curriculum

Field of study 38.03.05 Business Informatics

Educational Programme "Management and Digital Innovation"

Implementing unit: Graduate School of Business, HSE -
Moscow

3 rd, 2023/2024 academic year

APPROVED

05.05.2023

Vice Rector

ROSHCHIN S.Y.

Signed with EDS

Length of Programme: 4 years

Years of Study: 2021/2022 - 2024/2025

Mode of Study: Full Time

Degree: Bachelor's degree

| 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 | 546 | 146 | 184 | 110 | 106 | |
| Data Culture | | | | 1,00 | 38 | 4 | | | | 4 | |
| 1 | Independent Data Science Test. Advanced Level | C | отдел развития цифровых компетенций | 1,00 | 38 | 2 | | | | 2A | Online Course, Foreign language |
| 2 | Independent Programming Test. Advanced Level | C | отдел развития цифровых компетенций | | | 2 | | | | 2A | Online Course, Foreign language |
| Major | | | | 54,00 | 2 052 | 540 | 146 | 184 | 110 | 100 | |
| Core Professional Block (Major) | | | | 38,00 | 1 444 | 380 | 146 | 164 | 30 | 40 | |
| Subject Areas | | | | 38,00 | 1 444 | 380 | 146 | 164 | 30 | 40 | |
| Higher Mathematics | | | | 3,00 | 114 | 30 | | 30 | | | |
| 1 | Mathematical Process Modelling | C | департамент бизнес-информатики | 3,00 | 114 | 30 | | 30A | | | Foreign language |
| Computer Science and Information Systems | | | | 4,00 | 152 | 40 | | 40 | | | |
| 1 | Information Systems and Project Management | C | департамент стратегического и международного менеджмента | 4,00 | 152 | 40 | | 40A | | | Foreign language |
| General and Strategic Management | | | | 17,00 | 646 | 170 | 66 | 64 | | 40 | |
| 1 | Marketing | C | департамент маркетинга | 5,00 | 190 | 50 | 26 | 24A | | | Foreign language |
| 2 | General Management | C | департамент стратегического и международного менеджмента | 4,00 | 152 | 40 | 40A | | | | Foreign language |
| 3 | Operations and Process Management | C | департамент операционного менеджмента и логистики | 4,00 | 152 | 40 | | | | 40A | Foreign language |

| | | | | | | | | | | | |
|--|---|---|--|--------------|------------|------------|-----------|-----------|-----------|-----------|------------------|
| 4 | Strategic Management | C | департамент стратегического и международного менеджмента | 4,00 | 152 | 40 | | 40A | | | Foreign language |
| Entrepreneurship | | | | 6,00 | 228 | 60 | | 30 | 30 | | |
| 1 | Entrepreneurship | C | департамент стратегического и международного менеджмента | 6,00 | 228 | 60 | | 30 | 30A | | Foreign language |
| Decision-making and Operations Research | | | | 8,00 | 304 | 80 | 80 | | | | |
| 1 | Quantitative Decision Making in a Big Data Society | C | департамент бизнес-информатики | 4,00 | 152 | 40 | 40A | | | | Foreign language |
| 2 | Digital Business Transformation | C | департамент бизнес-информатики | 4,00 | 152 | 40 | 40A | | | | Foreign language |
| Elective Professional Block (Major) | | | | 16,00 | 608 | 160 | | 20 | 80 | 60 | |
| R&D Seminar | | | | 2,00 | 76 | 20 | | | 20 | | |
| 1 | Project Seminar "Business Plan" | C | департамент стратегического и международного менеджмента | 2,00 | 76 | 20 | | | 20A | | Foreign language |
| Compulsory Courses | | | | 6,00 | 228 | 60 | | 20 | 20 | 20 | |
| 1 | Innovating digital systems and services | C | департамент бизнес-информатики | 6,00 | 228 | 60 | | 20 | 20 | 20A | Foreign language |
| Elective 2023/2024 | | | | 8,00 | 304 | 80 | | | 40 | 40 | |
| 1 | Artificial Intelligence and Internet of Things for Business | E | департамент бизнес-информатики | 4,00 | 152 | 40 | | | 20 | 20A | Foreign language |
| 2 | Basics of Information Security | E | Department of Computer Security | 4,00 | 152 | 40 | | | 20 | 20A | Foreign language |
| 3 | Game Theory | E | департамент бизнес-информатики | 4,00 | 152 | 40 | | | 20 | 20A | Foreign language |
| Internship | | | | 5,00 | 190 | 2 | | | | 2 | |
| Project Internship | | | | 5,00 | 190 | 2 | | | | 2 | |
| 1 | Project on Business Plan | C | департамент стратегического и международного менеджмента | 5,00 | 190 | 2 | | | | 2A | Foreign language |

Curriculum agreed:

Academic Supervisor GLADKOVA M.A. 28.04.2023

Dean KATKALO V.S. 28.04.2023

Head of Centre for Educational Model Design LEPESHKIN I.A. 04.05.2023

* Subject type:

Compulsory course

Elective course

Optional course

C

E

O