

**COURSES IN ENGLISH OFFERED AT THE GRADUATE
SCHOOL OF BUSINESS, HSE UNIVERSITY**

Autumn Semester, 2020/21 academic year

BACHELOR PROGRAMMES

№	Course	ECTS
1	Big Data Management with MySQL	4
2	Business and Management in Global Context	6
3	Business Ethics and Corporate Social Responsibility	3
4	Cross-Cultural Management	3
5	Customer Analytics	4
6	Data Management	2
7	Data-driven Decision Making	4
8	Digital Business Transformation	4
9	Doing Business in Asia	3
10	Doing Business in Europe	3
11	Econometrics	4
12	Economic Theory	4
13	Enterprise Architecture	2
14	Government Information Systems	4
15	History	4
16	Information Processes, Systems and Networks	8
17	Information Systems Audit, Management and Support	4
18	International Financial Reporting and Analysis	3
19	International Marketing	4
20	Introduction to Information Systems	8
21	Leadership and Team Management	4
22	Leadership in the Multicultural Environment	3
23	Management in IT	7
24	Management Information Systems	10
25	Marketing	5
26	Modeling of Processes and Systems	7
27	Neural Networks and Deep Learning	4
28	Object-Oriented Design	4
29	Performance Management	3
30	Philosophy	4
31	Probability Theory and Mathematical Statistics	5
32	Theoretical Foundations of Computer Science	6
33	Machine Learning with Python	3
34	Artificial Intelligence Systems in Logistics	4

Autumn Semester, 2020/21 academic year

MASTERS PROGRAMMES

№	Course	ECTS
1	Advanced Data Analysis & Big Data for Business Intelligence	5
2	Advanced Data Management	5
3	Applied Blockchain in the Modern Enterprise Architecture	6
4	Applied Technologies in Marketing Communications: BTL and Direct Marketing	4
5	Big Data Analytics for Industrial Internet	6
6	Big Data Based Marketing Analytics	6
7	Big Data Collection, Storage&Processing in Heterogeneous Distributed Computer Networks	5
8	Big Data System (research seminar)	7
9	Building Successful International Teams (project seminar)	3
10	Business Analytics	4
11	Cloud Technologies	6
12	Coding Mobile Apps for Entrepreneurs	6
13	Consulting Project for an MNC	3
14	Corporate Foresight	4
15	CRM	4
16	Data Science and AI Application in Marketing	4
17	Design Thinking (project seminar)	3
18	Destination Marketing	7
19	E-commerce in the Fashion Industry	2
20	Economic and Mathematic Modeling	3
21	Enterprise Architecture Perfecting	4
22	Global Strategic Management	6
23	Information Systems Audit	6
24	Intermodal Transportation Management	4
25	International Economics	6
26	International Strategic Alliances	4
27	Marketing in Digital Economy	5
28	Neural Networks and Deep Learning	6
29	Operational Management in Retail Companies in the Fashion Industry	2
30	Predictive Analytics in Supply Chain Management	4
31	Predictive Modelling	6
32	Programming in R	6
33	Research Methods in International Management	4
34	Strategic Innovation Management	4
35	Strategic Management	3
36	Strategies in International Business	5
37	Sustainable Business and Development	4
38	System Analysis and Organization Design	3
39	Talent Management	3
40	The Basics of Web Programming	3
41	Theoretical Basics of Distributed Information Processing in Big Data Systems	5

Spring Semester, 2020/21 academic year

BACHELOR PROGRAMMES

№	Course	ECTS
1	Applied Analysis of Social Networking	3
2	Business and Management in Global Context	6
3	Business Metrics for Data Driven Decision Making	3
4	Business Presentations	3
5	Data Management	6
6	Digital Business Transformation	4
7	Enterprise Architecture	4
8	Global Strategies	3
9	Information Processes, Systems and Networks	8
10	Information Systems Business Analysis	4
11	Information Systems Planning	4
12	International Business	4
13	International Entrepreneurship	3
14	Introduction to information systems	8
15	Law	4
16	Logistics and SCM in the Global Context	3
17	Management and Decision Making in Investment and Market Systems	4
18	Management in IT	4
19	Management Information Systems	10
20	Managing Global Operations	3
21	Managing International Projects	4
22	Modeling of Processes and Systems	7
23	Principles of accounting	4
24	Principles of banking and finance	4
25	Programming	6
26	Project Management	3
27	Quantitative Methods of Market Forecasting (Commodity and Stock Markets)	4
28	Selected Problems in Statistics and Machine Learning	4
29	Talent Management	3
30	Global Supply Chain Management	3
31	Supply Chain and Sales Planning	3
32	Supply Chain Planning Information Systems	5
33	Intermodal Transport Management	5
34	Human Resources Management	4

Spring Semester, 2020/21 academic year

MASTERS PROGRAMMES

№	Course	ECTS
1	Advanced Data Management	5
2	Big Data Collection, Storage&Processing in Heterogeneous Distributed Computer Networks	5
3	Big Data Systems (research seminar)	7
4	Big Data Systems Development and Implementation	5
5	CRM for Fashion	4
6	CSR and Sustainability in International Management (research seminar)	3
7	Data Science and AI Application in Marketing	2
8	Data Visualization	5
9	Digital Platforms and Ecosystems of Modern Business	5
10	Digital Technologies in Hospitality Industry and Tourism	5
11	Digital Transformation and New Business Models	5
12	Global Operations Management	5
13	International Financial Management	5
14	International Marketing	4
15	International Strategic Alliances	4
16	IT-projects Risk Management	5
17	Knowledge management	5
18	Mobile Interaction Design: How to Design Usable Mobile Products and Services	5
20	Statistical Methods and Machine Learning in E-Business	5
21	Studies in Strategic Management (research seminar)	4
22	Talent Management	3
23	Theoretical Basics of Distributed Information Processing in Big Data Systems	5