

Nº	Course Name	School	Program	Year of studies	Semester	ECTS Credits
1	DevOps Engineering	School of Digital Technologies	Big Data	4	Spring	4
2	Web and Mobile Project	School of Digital Technologies	Big Data	4	Spring	5
3	Artificial Intellegence and IoT	School of Digital Technologies	Big Data	4	Spring	5
4	Computer Vision	School of Digital Technologies	Big Data	4	Spring	5
5	Neural Networks	School of Digital Technologies	Big Data	4	Spring	5
6	International security and global issues	School of Politics and Law	Regional studies	4	Spring	5
7	Ethnography and culture of the region of specialization	School of Politics and Law	Regional studies	4	Spring	3
8	Financial technology business solutions	School of Economics and Finance	Finance	4	Spring	6
9	Risk management : assessment, tools and methods	School of Economics and Finance	Finance	4	Spring	6
10	Financial assets portfolio management	School of Economics and Finance	Finance	4	Spring	5
11	Venture investment and financing gap	School of Economics and Finance	Finance	4	Spring	5
12	Management Workshop	School of Management	Management	4	Spring	3
13	Crisis Management	School of Management	Management	4	Spring	6
14	Branding IT Products (Dual)	School of Management	Management	4	Spring	6
15	Technology planning and Forecasting	School of Management	Management	4	Spring	6
16	Production Management (Dual)	School of Management	Management	4	Spring	5
17	Infromation technology audit and control	School of Management	Management	4	Spring	5
18	Quality Management & Control	School of Management	Management	4	Spring	5
19	Recruting, selection and adaptation of personnel	School of Management	Management	4	Spring	5
20	Technology planning and Forecasting	School of Management	Management	4	Spring	5
21	Personnel Assessment&Compensation and Benefits	School of Management	Management	4	Spring	5
22	Quality Management & Control	School of Management	Management	4	Spring	5
23	B2B marketing	School of Management	Marketing	4	Spring	5
24	Google	School of Management	Marketing	4	Spring	5
25	Methods of psychophysiology (Sadnwich Course)	School of Management	Marketing	4	Spring	5
26	Yandex analytics (Sadnwich Course)	School of Management	Marketing	4	Spring	5
27	Google	School of Management	Marketing	4	Spring	5
30	Hospitality Financial Management	School of Hospitality and Tourism	Restaurant and hotel business	4	Spring	6
31	Hotel Management (Practical Supervision)	School of Hospitality and Tourism	Restaurant and hotel business	4	Spring	5
32	Restraunt and Bar Management (Practical Supervision)	School of Hospitality and Tourism	Restaurant and hotel business	4	Spring	5
33	Module of socio-political knowledge (Sociology / Political science)	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	4

34	Foreign Language Elective 4	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	3
35	Entrepreneurship in Action 2	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	3
36	Managing Hospitality Human Resources	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	4
37	Club Management	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	5
38	Hospitality and Tourism Corporate Finance	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	3
39	Нейромаркетинг	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	5
40	Restaurant and Bar Management (Practical Supervision)	School of Hospitality and Tourism	Restaurant and hotel business	3	Spring	5
41	Quantitative methods	School of Digital Technologies	Business Analytics and Big Data	3	Spring	3
42	IT Infrastructure	School of Digital Technologies	Business Analytics and Big Data	3	Spring	3
43	Database in IS	School of Digital Technologies	Business Analytics and Big Data	3	Spring	3
44	Data Mining and Machine Learning	School of Digital Technologies	Business Analytics and Big Data	3	Spring	5
45	Inntroduction to FinTech	School of Digital Technologies	Business Analytics and Big Data	3	Spring	5
46	MVP Testing and Experimenting	School of Digital Technologies	Business Analytics and Big Data	3	Spring	3
47	Econometrics with Excel and Python or R	School of Digital Technologies	Business Analytics and Big Data	3	Spring	3
48	Fundamentals of Excel	School of Digital Technologies	Business Analytics and Big Data	3	Spring	3
49	Financial management	School of Economics and Finance	Finance	3	Spring	6
50	Management and financial accounting	School of Economics and Finance	Finance	3	Spring	5
51	Financial statement and analysis (CFA)	School of Economics and Finance	Finance	3	Spring	5
52	Taxes and Tax Accounting (ACCA F6)	School of Economics and Finance	Finance	3	Spring	5
53	Business Process Management	School of Economics and Finance	Finance	3	Spring	6
54	Organizational behavior	School of Economics and Finance	Finance	3	Spring	3
55	Strategic management	School of Economics and Finance	Finance	3	Spring	6
56	Financial management	School of Economics and Finance	Finance	3	Spring	5
57	Online Services	School of Economics and Finance	Finance	3	Spring	3
58	Marketing management	School of Management	Marketing	3	Spring	3
59	International marketing	School of Management	Marketing	3	Spring	3
60	Branding	School of Management	Marketing	3	Spring	6
61	Trade Marketing	School of Management	Marketing	3	Spring	5
62	Sales management	School of Management	Marketing	3	Spring	3
63	Information communication technologies	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	5
64	Foreign Language Elective 3	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	3
65	Modern history of Kazakhstan	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	5

66	Foreign Language 4	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	3
67	Entrepreneurship and Startup 2	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	3
68	Introduction to Hotel Operations (dual course)	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	5
69	Culinary - Theory and Practical (dual course) 2	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	5
70	Airline Management	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	5
71	Culinary - Theory and Practical (dual course) 2	School of Hospitality and Tourism	Restaurant and hotel business	2	Spring	5
72	Sustainable development: principles and practice	School of Politics and Law	International relations and economics	2	Spring	3
73	Training practice (Ulytau / IT)	School of Politics and Law	International relations and economics	2	Spring	3
74	Foreign Language Elective 1 (Spanish/Chinese/French)	School of Politics and Law	International relations and economics	2	Spring	3
75	International organizations	School of Politics and Law	International relations and economics	2	Spring	3
76	Intro to Back End Development	School of Digital Technologies	Business Analytics and Big Data	2	Spring	3
77	Analysis, processing and visualization of data in Python	School of Digital Technologies	Business Analytics and Big Data	2	Spring	3
78	Probability theory and mathematical statistics	School of Digital Technologies	Business Analytics and Big Data	2	Spring	5
79	Banking business	School of Economics and Finance	Finance	2	Spring	3
80	Statistics with Excel and R (+ CFA)	School of Economics and Finance	Finance	2	Spring	3
81	Philosophy	School of Economics and Finance	Finance	2	Spring	5
82	Research Methods	School of Economics and Finance	Finance	2	Spring	3
83	Accounting and financial reporting	School of Management	Management	2	Spring	3
84	Design of Life	School of Management	Marketing	2	Spring	3
85	Marketing analysis	School of Management	Marketing	2	Spring	5
86	Consumer behavior	School of Management	Marketing	2	Spring	5
87	Physical education	School of Management	Marketing	2	Spring	4
88	System history of international relations after 1914	School of Politics and Law	International relations and economics	1	Spring	5
89	Kazakh (Russian) language 2	School of Politics and Law	International relations and economics	1	Spring	5
90	Foreign Language 2	School of Politics and Law	International relations and economics	1	Spring	5
91	Entrepreneurship in Action 1	School of Politics and Law	International relations and economics	1	Spring	3
92	Information communication technologies	School of Politics and Law	International relations and economics	1	Spring	5
93	Marketing	School of Politics and Law	International relations and economics	1	Spring	5
94	Management	School of Hospitality and Tourism	Restaurant and hotel business	1	Spring	3
95	Principles of Hygiene and Food Safety Management	School of Hospitality and Tourism	Restaurant and hotel business	1	Spring	5
96	Kazakhstan Tourism	School of Hospitality and Tourism	Restaurant and hotel business	1	Spring	5
97	IT Startup 2 (Project Launch, MVP, Web Project)	School of Digital Technologies	Software Engineering	1	Spring	5

98	Object-Oriented Programming and Data Structures	School of Digital Technologies	Software Engineering	1	Spring	3
99	Discrete Mathematical Structures	School of Digital Technologies	Software Engineering	1	Spring	3
100	Introduction to Back-End Development and Databases	School of Digital Technologies	Software Engineering	1	Spring	5
101	Physical Training	School of Digital Technologies	Software Engineering	1	Spring	4
102	Service Learning	School of Digital Technologies	Software Engineering	1	Spring	3
103	Leadership	School of Digital Technologies	Software Engineering	1	Spring	3
104	Critical thinking	School of Digital Technologies	Software Engineering	1	Spring	3
105	Fimacne	School of Digital Technologies	Software Engineering	1	Spring	5
106	Philosophy	School of Economics and Finance	Finance	1	Spring	5
107	Business and Technology (BT ACCA)	School of Economics and Finance	Finance	1	Spring	3