

№	MINOR	Semes ter	Discipline	Number of credits	Name of higher schools
1	Basics of journalism	4	1. Mediareleases	5	Higher School of Humanities
		5	2. Media literacy	5	
		5	3. Data journalism	5	
		6	4. Multimedia Journalism	5	
		6	5. Media Legislation	5	
2	History of the great steppe	4	1. «Shezhire» of the Kazakh people	5	Higher School of Humanities
		5	2. History of formation of the Kazakh khanate	5	
		5	3. History of the national liberation movement in Kazakhstan	5	
		6	4. History of the Alash movement	5	
		6	5. Kazakhstan and the world community	5	
3	Business English	4	1. Practical English A1-A2	5	Higher School of Humanities
		5	2. Basic foreign language B1	5	
		5	3. Professional English Language	5	
		6	4. Intercultural communication	5	

		6	5. Working with professionally oriented text	5	
4	Basics of Business Communication	4	1. Business communication and public speaking	5	Higher School of Humanities
		5	2. Speechwriting	5	
		5	3. Copywriting	5	
		6	4. Office management in the Kazakh Latin alphabet	5	
		6	5. Basics of Speed Reading	5	
5	Geographical bases of world knowledge and nature management	4	1. Basics s of Natural Science	5	Higher School of Natural Sciences
		5	2. Landscape science	5	
		5	3. Local history	5	

		6	4. Geoecology with the basics of nature management	5	
		6	5. Geography of international tourism	5	
6	Standardization and product quality assurance	4	1. Modern tools for product quality control and management	5	Higher School of Technical Sciences
		5	2. Technology of development of standards and normative and technical documentation	5	
		5	3. Basis of identification and determination of the origincountry of goods	5	
		6	4. State control and audit	5	
		6	5. Metrological control of production	5	
7	Information technology	4	1. The introduction to programming	5	Higher School of

		5	2. Advanced programming	5	Natural Sciences
		5	3. Introduction to Web Development	5	
		6	4. Robotics	5	
		6	5. Mobile development	5	
8	Chemistry in the everyday life of society	4	1. Household chemicals	5	Higher School of Natural Sciences
		5	2. Chemistry in agriculture	5	
		5	3. Chemistry of food	5	
		6	4. Cosmetic chemistry	5	
		6	5. Pharmaceutical chemistry of organic medicines	5	
9	Higher Mathematics	4	1. Probability Theory	5	Higher School of Natural Sciences
		5	2. Mathematical statistics	5	
		5	3. Discrete Mathematics	5	
		6	4. Mathematical Logic	5	
		6	5. Differential equations	5	

10	Future human rights worker: civil-law aspect	4	1. Legal support of business	5	Higher School of Law and Economics
		5	2. Labor law of the Republic of Kazakhstan	5	
		5	3. Social Security Law of the Republic of Kazakhstan	5	
		6	4. Civil protection of consumer rights	5	
		6	5. Contract law	5	
11	Teacher- organizer of children's leisure	4	1. Pedagogical animation	5	Higher School of Physical Culture and Art
		5	2. Non-formal education of children: types and content	5	
		5	3. Methods of organizing children's leisure activities	5	

		6	4. Technologies in the process of animation activity	5	
		6	5. Directing cultural and leisure programs	5	
12	Business administration	4	1. Commercialization and business planning	5	Higher School of Law and Economics
		5	2. Conflict Management	5	
		5	3. Time management	5	
		6	4. Project Management	5	
		6	5. Managing small and medium-sized businesses	5	
13	Business management	4	1. Economy of the macro-regions of the Republic of Kazakhstan	5	Higher School of Law and Economics
		5	2. Youth entrepreneurship model and startups	5	
		5	3. Business competitiveness and risks	5	
		6	4. Health Economics	5	
		6	5. Human development in Kazakhstan	5	
14	Future Human Rights activist: criminal law aspects	4	1. Methods of protecting rights in the police and courts	5	Higher School of Law and Economics

		5	2. Prevention and protection against criminal attacks	5	
		5	3. Anti-corruption legislation	5	
		6	4. Criminal law of foreign countries	5	
		6	5. Juvenile law	5	
15	Health-saving educational technologies	4	1. Health-saving environment of educational institution	5	Higher School of Physical Culture and Art
		5	2. Organization and conduct of sports and recreational activities	5	
		5	3. Pedagogical health-saving technologies (FTZ) in education	5	

		6	4. Modern theoretical and methodological approaches to the formation of students ' health in the pedagogical process	5	
		6	5. Systematics and interrelation of health-saving technologies	5	
16	Physical education and sports	4	1. Theory and methodology of physical culture and sport	5	Higher School of Physical Culture and Art
		5	2. Theory and methodology of teaching basic sports (according to the updated school curriculum)	5	
		5	3. Management of physical culture and sports	5	
		6	4. Physiological foundations of physical education and sports	5	
		6	5. Organization and management of children's and youth sports	5	
17	Hygiene and labor	4	1. Occupational Safety and Health	5	Higher School of

	protection	5	2. Modern regulatory and organizational requirements of labor protection	5	Technical Sciences
		5	3. Work-related injuries and occupational morbidity	5	
		6	4. Fundamentals of labor protection in hazardous industries	5	
		6	5. Theoretical foundations of life safety, occupational safety and health	5	
18	Future human rights worker: state-law aspect	4	1. Legal framework for the development of innovative start-up projects	5	Higher School of Law and Economics
		5	2. Basic legal course for drivers and Inspectors (road traffic)	5	
		5	3. Prevention of legal liability of individuals (administrative-law aspect)	5	

		6	4. Judicial rhetoric	5	
		6	5. Judge's oratory	5	
19	Applied psychology	4	1. Psychology of law	5	Higher School of Pedagogy and Psychology
		5	2. Work psychology	5	
		5	3. Health psychology	5	
		6	4. Management Psychology	5	
		6	5. Psychology of communication	5	
20	Applied issues of modern physics	4	1. Computer simulation of physical processes in the Matlab package	5	Higher School of Natural Sciences
		5	2. Computer algebra system	5	
		5	3. Dynamic systems and modeling	5	
		6	4. Astrophysics	5	

		6	5. Fundamentals of natural science and nanotechnology	5	
21	Foundations of Pedagogical Excellence	4	1. Psychological and pedagogical diagnostics of the personality of preschool and primary school children	5	Higher School of Pedagogy and Psychology
		5	2. Culture of pedagogical communication	5	
		5	3. Speech activity of preschool and primary school children	5	
		6	4. Organization of leisure activities for students	5	
		6	5. Art pedagogy	5	
22	Financial literacy	4	1. Managing your personal budget	5	Higher School of Law and Economics
		5	2. Computerization of accounting and reporting in enterprises	5	
		5	3. Financial relations of the population with the state	5	

		6	4. Electronic tax reporting forms	5	
		6	5. Financial consulting by field of activity	5	
23		4	1. Vector and raster graphics	5	Higher School of Technical Sciences
		5	2. Engineering Graphics	5	
		5	3. 3ds MAX Simulation	5	
		6	4. Blockchain technologies	5	
	ICT-innovations in modern education	6	5. Configuring in 1C: Enterprise	5	
24	Human and health-preserving factors	4	1. Valeology	5	Higher School of Natural Sciences
		5	2. Human anatomy and physiology	5	
		5	3. Hygiene	5	
		6	4. Fundamentals of Microbiology, Virology and Immunology	5	
		6	5. Medicinal plants of Kazakhstan	5	

