

2. CONTENT OF THE EDUCATIONAL PROGRAM

№	Code and name of modules	Total credits by module	№	Name of subject and code	Credits by subjects	Cycle/com ponent
1	GES -1 General educational subjects module	36	1	GES 101 History of Kazakhstan	5	GC/ CC
			2	GES 102 Philosophy	5	GC/ CC
			3	GES 103 Social and Political Knowledge Module (Sociology, Cultural Studies, Political Science, Psychology)	8	GC/ CC
			4	GES 1(2)04 Physical Culture	8	GC/ CC
			5	GES 205 Information and Communication Technologies	5	GC/ CC
			6	GES 106/1 Fundamentals of Legal Literacy and Anti-Corruption culture GES 106/2 Fundamentals of Ecology and Safe life GES 106/3 Fundamentals of Economics and Entrepreneurship GES 106/4 Fundamentals of Leadership and receptivity to innovation GES 106/5 Emotional Intellect GES 106/6 Fundamentals of mathematical statistics	5	GC/ OC
2	GLC -2 Language communication module	25	1	GLC 101 Kazakh (Russian) Language	10	GC/ CC
			2	GLC 102 Foreign Language	10	GC/ CC
			3	GLC 203 English for Academic Purposes	5	CC/ UC
3	GER – 3 Global Ethics and Research module	22	1	GER 201 Inclusive Education	6	CC/ UC
			2	GER 402/1 Fundamentals of Educational research	6	CC/ UC
			3	GER 303 Professional ethics and identity	4	MC/ UC
4		21	1	GPS 201 Educational psychology	6	CC/ UC

	GPS – 4 General pedagogical subjects module		2	GPS 202 Pedagogy and didactic	6	CC/ UC
			3	GPS 303 Criteria Assessment Technology	5	CC/ UC
			6	CT(I)P 104 Continuous training (introductory) practice	2	CC/ UC
			7	C(PP)P 205 Continuous (psychology and pedagogical) practice	2	CC/ UC
5	FGS – 5 Physical geography subjects module	38	1	FGS 101 Naturalscience and Earthscience	6	CC/ UC
			2	FGS 202/1 Kartography FGS 202/2 Sacred geography of Kazakhstan	5	CC/ OC
			3	FGS 203/1 Geology and geomorphology FGS 203/2 Topography with base of the geodesies	5	CC/ OC
			4	FGS 204/1 Gydrolology, climatology and meteorology FGS 204/2 Geocology and nature protection	5	CC/ OC
			5	FGS 305 Physical geographical regions of the world	5	CC/ UC
			6	FGS 306 Physical geographical regions of Kazakhstan	5	MC/ UC
			7	FGS 407/1 Geoinformatics FGS 407/2 Toponymy	5	CC/ OC
			8	FGS 108 Training - field practice	1	CC/ UC
			9	FGS 209 Training - field practice	1	CC/ UC
6	EGS – 6 Economic geography subjects module	16	1	EGS 301 Economic geography of the world	6	CC/ UC
			2	EGS 302/1 Economic geography of Kazakhstan	5	MC/ OC
				EGS 302/2 Practical geography		
			3	EGS 403/1 Geographical research methods	5	CC/ OC
				EGS 403/2 Recreational geography		
7	BPA-7 Biodiversity of plants and animals	27	1	BPA 101 Botany	5	CC/ UC
			2	BPA 202/1 Zoology	6	CC/ OC
				BPA 202/2 Entomology		
			3	BPA 203/1 Ecophysiology	5	CC/ OC

				BPA 203/2 Environmental studies		
			4	BPA 304/1 Cytology, histology and embryology	6	MC/ OC
				BPA 304/2 Cellular pathology		
			5	BPA 405/1 Evolutionary studies	5	MC/ OC
				BPA 405/2 Anthropology		
8	SHD-8 Structure, heredity and development of living organisms	15	1	SHD 301/1 Human anatomy	6	CC/ OC
				SHD 301/2 Biology of ontogenesis		
			2	SHD 402/1 Fundamentals of genetics and molecular Biology	4	CC/ OC
				SHD 402/2 Plant selection and animal breeding		
			3	SHD 403/1 Biochemistry	5	CC/ OC
				SHD 403/2 Fundamentals of Enzymology		
9	TMP – 9 Teaching methods and pedagogical foundations of professional activity	34	1	TMP 301 Methodology of teaching geography	5	MC/ UC
			2	TMP 302 Methodology of teaching biology	5	MC/ UC
			3	PP 303 Pedagogical Practice	6	CC/ UC
			4	P(P)P 404 Production (pedagogical) practice	16	MC/ UC
			5	P(P)P 405 Pre -diploma (pedagogical) practice	2	MC/ UC
10		8	1	WDDP(P)PCE 401 Writing and defending a diploma paper (project) or passing a comprehensive exam	8	FA
TOTAL:		240			240	