

1	2	3	4	5	6	7	8
9	BL 2109	Basis of law	2	3	B+	3,33	good
10	NIT 1111	New information technologies	2	3	B+	3,33	good
11	ITP 1201	Introduction to the teaching profession	3	5	B	3,00	good
12	Ped 1202	Pedagogy	1	2	B	3,00	good
13	Eth 2203	Ethnopedagogy	3	5	B+	3,33	good
14	PHD 1204	Psychology and human development	2	3	B+	3,33	good
15	SK 2205	Self-knowledge	3	5	B	3,00	good
16	APSH 2206	Age physiology and school hygiene	2	3	B+	3,33	good
17	PK(R)L 3207	Professional Kazakh (Russian) language	2	3	B	3,00	good
18	POFL 3208	Professionally oriented foreign language	2	3	B	3,00	good
19	TTI 3209	Technique of teaching informatics	2	3	B	3,00	good
20	MAIA2101	Mathematical analysis Introduction to the analysis	3	5	B	3,00	good
21	TPMS 3104	Theory of probability and mathematical statistics	3	5	B+	3,33	good
22	EIIMP 2207	Equation and integrated inequalities of mathematical	3	5	B+	3,33	good
23	PP2210	Programming provision	3	5	B	3,00	good
24	NM3113	Numerical methods	3	5	B	3,00	good
25	IT 2116	Information theory	3	5	B	3,00	good
26	CPACV 2219	Creation and protection against computer viruses	3	5	B	3,00	good
27	CG 3122	Computer graphics	3	5	B	3,00	good
28	CMBT 3125	Creation and management of bases this	3	5	B	3,00	good
29	MORO 3228	Methods of optimization and research of operations	3	5	B+	3,33	good
30	ML 1131	Mathematical logic	3	5	A	4,00	excellent
31	WD 3234	Web design	3	5	B	3,00	good
32	HJ 2237	HTML+ JavaScript	3	5	B	3,00	good
33	PTL 2140	Programming and technology languages	3	5	B	3,00	good
34	PL 1243	Protection of labour	2	3	B+	3,33	good
35	IM 1246	Innovative management	1	2	B+	3,33	good
36	Rel 1149	Religovedenie	1	2	B	3,00	good
37	TMEW 3301	Theory and methodsof educational work	1	2	B+	3,33	good
38	BTCS 1302	Bases of theory of computer science	2	3	B	3,00	good
39	CPAP 2103	Creating a program application packages	3	5	B	3,00	good
40	IDPCIM 2106	Internal devices of PC and its modernization	3	5	A-	3,67	excellent
41	WPPW 2109	Web programming practical work	3	5	A-	3,67	excellent
42	ITC 3112	Internet technology components	3	5	B	3,00	good
43	MBSaS 2215	Microprocessor-based systems and systems	3	5	B	3,00	good
44	AIS 3124	Artificial intelligence system	3	5	B	3,00	good
45	CN 3118	Computer networks	3	5	B+	3,33	good
46	PC 2221	Parallel calculations	3	5	B	3,00	good
47	MATMC 3227	Modeling of applied tasks in Mathcad	3	5	B	3,00	good

15. Total number of credits on theoretical studies 126 Number of ECTS credits on theoretical studies 205
 16. By the decision of the State Attestation Commission (№ 344 of « 09 » 05 2017)
Bachelor 5V011100-"Informatics" was awarded

Education program higher Education
 qualification of bachelor of education

The given diploma enables the bearer to carry out professional activities in accordance with the Republic of Kazakhstan's higher educational standards