

MATRIX OF COMPETENCIES

Specialty: 560006 – Nursing

- I. The list of competencies formed by the departments of the I. K. Akhunbayev KSMA within the structure of the curriculum relevant disciplines for the training of a manager and nursing teacher for the 2018-19 academic year

№	Name of disciplines	Credit (hours)	SES Competencies 2015				Departments
C.1	Humanitarian, social and economic cycle	36					
B. 1. 0	Basic part	30					
B. 1. 1	Kyrgyz language and literature	6	1,4,6,7				Kyrgyz language
B. 1. 1	Russian language	6	1,6,7				Russian language
B. 1. 2	Foreign language, Latin language	8	6,7				Foreign and Latin languages
B. 1. 3	History of Kyrgyzstan	3	1,3,4,6				Philosophy and Social Sciences
B. 1. 3	History of medicine	1	1,4,9				Public health and Health care
B. 1. 4	Philosophy	4	1,3,4,6				Philosophy and Social Sciences
B. 1. 5	Manas Studies	2	1,3,4,6				Philosophy and Social Sciences
V. 1. 0	Variable part	6					
V. 1. 1	Geography of Kyrgyzstan	2	1,3,4,6				Philosophy and Social Sciences
V. 1. 2	Law studies (Jurisprudence)	3	1,9		4,13		General and clinical epidemiology
V. 1. 3	Biostatistics	1	1,2,5		3,5		Physics, Mathematics, Computer Science and Computer Technology
C. 2	Mathematical and natural science cycle	21					
B. 2. 0	Basic part	15					
B. 2.1	Mathematics	1	1		2		Physics, Mathematics, Computer Science and Computer Technology
B.2.2	Physics	4	1		2		Physics, Mathematics, Computer Science and Computer Technology
B.2.2	Computer Science	4	1		9		Physics, mathematics, Computer Science and Computer Technology

B.2.3	Chemistry	4	1		2	Biochemistry with a course of General and Bioorganic chemistry
B.2.4	Biology with elements of ecology	2	1			Biology, Genetics and Parasitology
V. 2.0	Variable part	6				
V.2.1	Medical biology	2	1			Biology, Genetics, and Parasitology
V.2.2	Bioethics	2	1.9			Public health and Health care
V.2.3	Nursing in psychiatry	2	3,6		1,12	Medical psychology, psychiatry and narcology
C. 3	Professional cycle	203				
B. 3.0	Basic part	137,5				
B.3.1	Anatomy with basic histology	12	1			Normal and Topographical anatomy
B.3.2	Normal physiology	8	1			Fundamental and Clinical Physiology
B.3.3	Microbiology, virology and immunology	8	1			Microbiology, Virology and Immunology
B.3.4	Pathological anatomy	2	1,3,4,6,7		29,35	Pathological anatomy
B.3.4	Pathological physiology	4	1		35	Pathological Physiology
B.3.5	Basic pharmacology	6	1			Basic and Clinical Pharmacology
B.3.6	Clinical pharmacology	4				Basic and Clinical Pharmacology
B.3.7	Medical psychology	4	3,6		1,12	Medical psychology, psychiatry, and narcology
B.3.8	Nursing patronage of a healthy family	16	1		25,26,38,49	Nursing
B.3.10	Nursing manipulations	18	2		6,7,13,28,33,34	Nursing
B.3.11	Nursing process in the clinic	8	1,2		1,5,7,8,25,28,47	Nursing
B.3.12	Introduction to nursing	2	1			Nursing
B.3.13	Research methodology in nursing	2	1		53,54	Nursing
B.3.14	Teaching methodology for nurses	10	8,9		19,20,21,22,25,26	Nursing
B.3.15	Emergency care with the basics of anesthesiology and resuscitation	4,6			36,38	Anaesthesiology and intensive therapy of under - and post-graduate training
B.3.16	Nursing in rehabilitation	5	2		25,43,41	Clinical rehabilitation and physiotherapy

B.3. 17	Clinical nursing	6	2			27,30,36	Nursing
B.3. 18	Age psychology and pedagogy	4,5	1			19,24	Nursing
B.3. 19	Organization and management of nursing services	10,4	8,9			10,11,13,15,16,18	Nursing
B.3.20	Higher school pedagogy	3	1			1,26,20	Nursing
V. 3. 0	Variable part:	65.5					
V.3.1	Public health and health care	4	2			48.46,6.41,45	Public health and Health care
V.3.2	Evidence-based medicine	1,33	9			3	General and clinical epidemiology
V.3.3	Food hygiene	3	2			39,45	Hygienic disciplines department
V.3.4	Information activities in health protection and promotion	1	1,6			26,44,48	Public health Health care
V.3.5	Nursing in family medicine	22	1,2			1,5,7,8,25,28,47	Nursing

V.3.6	Leadership and management	4	8			11,12,18	Nursing
V.3.7	Healthy child of pre-preschool and preschool age	1	1			19,24	Nursing
V.3.8	Management psychology	3	1			19,24	Nursing
V.3.9	Health assessment	8	2			27,28,30	Nursing
V.3.10	Marketing of medical services	2	2,5			10,14	Public health and Health care
V.3.11	Health economics	2	2,4,5			17,45	Public health and Health care
V.3.12	Medical and social patronage	3	1			1,26,4,4,45,47	Nursing
V.3.13	Information activities on health protection and promotion	1,2	2			48,26,42,44	Public health and Health care
V.3.14	General hygiene	4	2			24,26	General Hygiene
V.3.16	Epidemiology with the basics of epidanalysis	4	2			52,51,50,6,15,47	General and Clinical Epidemiology

V.3.17	Palliative care	3	1			8.25	Nursing
V. 3. 0	Additional types of training						
V.3.1	Physical training	200				43	Physical training
V.3.2	Military medical training	300	4,8			34	Military medical training and extreme medicine