

**Ministry of Health of the Kyrgyz Republic  
Kyrgyz State Medical Academy named after I.K. Akhunbaeva  
Faculty of Postgraduate Medical Education  
Department of General and Clinical Epidemiology**

**Curriculum of the educational program in the specialty "Epidemiology"**

«Agreed»  
Human resource management and  
organizational work of the  
Ministry of Health  
« 10 » 2020 y.

«Approve»  
The Rector of KSMA named  
after I.K. Akhunbaeva, MD, DSc,  
Professor Kudrberganova I.O.  
2020 y.



Code - 152

Awarded qualification: Doctor Epidemiologist

The normative period of study is 2 years

Full-time form of education

№	Name of sections	Labor intensity	Total hours	including Timing			learning in weeks	The form control	Clinical base
				lecture	seminars	Clinical practice			
<b>1 year</b>									
1	Introduction to the specialty "Doctor-epidemiologist"	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
<b>2 part «General epidemiology»</b>									
2.1.	Clinical methods research in epidemiology	8	240	10	10	220	5	pass	Department of general and clin. epidemiology
2.2.	Infection control in healthcare organizations	8	240	10	10	220	5	pass	treatment and prevention organizations

Organization of vaccination in Kyrgyz Republic		8	240	10	10	176	5	pass	DDPSSES CDPSSES
<b>3 part «Epidemiology of communicable disease»</b>									
3.1.	Epidemiological surveillance of aerosol infections. Organization of surveillance at various levels of health care.	6,4	192	8	8	176	4	pass	DDPSSES CDPSSES
3.2.	Epidemiological surveillance of intestinal infections. Organization of surveillance at various levels of health care.	4,8	144	6	6	13882	3	pass	DDPSSES CDPSSES
3.3.	Epidemiological surveillance of parasitic diseases. Organization of surveillance at various levels of health care.	4,8	144	6	6	132	3	pass	DDPSSES CDPSSES
3.4.	Epidemiological surveillance of hemocontact infections. Organization of surveillance at various levels of health care.	4,8	144	6	6	132	3	pass	DDPSSES CDPSSES
3.5.	Epidemiological surveillance of zoonoses. Organization of surveillance at various levels of health care.	4,8	144	6	6	132	3	pass	DDPSSES CDPSSES
3.6.	Epidemiological surveillance of vector-borne infections. Organization of surveillance at various levels of health care.	4,8	144	6	6	132	3	pass	DDPSSES CDPSSES
3.7.	Organization of preventive measures in emergency situations and natural disasters	3,2	96	4	4	88	2	pass	DDPSSES CDPSSES
<b>4 part «Epidemiology of non - communicable disease»</b>									
4.1.	Epidemiology of diseases of the cardiovascular system	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.2.	Epidemiology of cancer diseases	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.3.	Epidemiology of diseases of the nervous system	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.4.	Ambulance and emergency care (including simulation course)	1,6	48	0	0	0	1	exam	Clinical skills center
	Attestation (semi-annual, interpreter)	3,2	96	0	0	0	2	exam	Department of general and clin. epidemiology
Totally 1 year of study:		14,4	432	12	12	264	9		

Name of sections	Labor intensity	Total hours	including Timing			learning in weeks	The form control	Clinical base	
			lecture	seminars	Clinical practice				
<b>2 year</b>									
<b>4 part «Epidemiology of non - communicable disease»</b>									
4.5.	Epidemiology of diseases respiratory tract	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.6.	Epidemiology urological diseases	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.7.	Epidemiology of diseases mental health	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.8.	Epidemiology of endocrine diseases	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
4.9.	Epidemiology of injuries	3,2	96	4	4	88	2	pass	Department of general and clin. epidemiology
<b>5 part «Work with the population»</b>									
5.1.	Health promotion system in organizations health care. Structure, goals and objectives of the Health promotion centers	1,6	48	2	2	44	1	pass	DDPSSES CDPSSES RCHP
5.2.	Role of the Health Committees in holding preventive and control activities in the fight against infectious diseases. Community action to protect public health in the Kyrgyz Republic	1,6	48	2	2	44	1	pass	DDPSSES CDPSSES RCHP
5.3.	Role of the mass media information in the organization and Conducting shares on prevention of diseases and awareness of measures disease control	1,6	48	2	2	44	1	pass	DDPSSES CDPSSES RCHP
<b>VI.</b>	<b>Pedagogical practice and research work on current nosologies</b>	9,6	288	2	2	284	6	pass	Department of general and clin. epidemiology
<b>8 part «General clinical disciplines»</b>									

8.1.	Public health and healthcare	4,8	144	6	6	132	3	pass	Department of public health and healthcare
8.2.	Bioethics	4,8	144	6	6	132	3	pass	Department of public health and healthcare
8.3.	Microbiology	4,8	144	6	6	132	3	pass	Department of microbiology, virology and immunology
8.4.	Medical ecology	4,8	144	6	6	132	3	pass	Department of hygiene disciplines
8.5.	Hygiene and epidemiology emergency situations	4,8	144	6	6	132	3	pass	Department of hygiene disciplines
8.6.	General hygiene	4,8	144	6	6	132	3	pass	Department of hygiene disciplines
		28,8	864	36	36	792	18		
<b>9 part «Elective subjects» (Humanities and General education block and special disciplines) (any 3 electives out of 9 electives)</b>									
9.1.	Modern trends immunoprophylaxis. Problems and prospects	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
9.2.	Work with databases. Searching for information. Meta-analysis	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
9.3.	Incidence pattern of the population of the republic and assessment of her health	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
9.4.	Prevention strategy HIV infection	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
9.5.	Modern structure of science epidemiology and its role in public health care	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
9.6	Prevention of infections, related to the provision of medical help	4,8	144	6	6	132	3	pass	Department of general and clin. epidemiology
9.7.	Pedagogy and psychology	4,8	144	6	6	132	3	pass	Center for advanced training and continuing medical

								education
9.8.	Istanbul protocol	4,8	144	6	6	132	3	pass Department of forensic medicine
9.9.	Emergency medical care	4,8	144	6	6	132	3	pass
	<b>Totaly:</b>	<b>14,4</b>	<b>432</b>	<b>18</b>	<b>18</b>	<b>396</b>	<b>9</b>	
	<b>Attestation</b>	6,4	192	0	0	0	4	
	<b>Subtotal:</b>	<b>153,6</b>	<b>4608</b>	<b>172</b>	<b>172</b>	<b>4072</b>	<b>96</b>	
	<b>Holiday:</b>						8	

*Note: the Distribution by type of training of the total number of hours of the postgraduate education program is: classroom work-10%, clinical practice-90% (including a training simulation course-1-2 weeks). The maximum amount of the student's academic load is set at 48 hours per week, including all types of classroom and extracurricular work.*

*\* - classes at the clinical skills training center are held after lunch;*

*\* - the courses chosen by the resident are chosen by them from among those offered by an educational or scientific organization, implementing an educational program of postgraduate education; the complexity of each discipline chosen by the resident is 4.8 credits (3 weeks);*

*\* - excluding holidays. Holidays are 8 weeks (based on 4 weeks a year, in the month of August).*