

KYRGYZ STATE MEDICAL ACADEMY. I.K. AKHUNBAEVA

Curriculum for the 2023-2024 academic year in the specialty 560005 "Pharmacy" (5-year study)

1 semester

№	Disciplines	ECTS	Final Control
1	Russian Language	2	credit test
2	Kyrgyz Language and Literature	2	credit test
3	Foreign Language	2	credit test
4	Latin Language	2	credit test
5	Philosophy	2	credit test
6	Manas Studies	2	credit test
7	Mathematics and Computer Science	2,5	credit test
8	Medbiophysics	2	credit test
9	General and Inorganic Chemistry	4	exam
10	Medical Biology	2	credit test
11	Normal Anatomy	4	exam
12	Normal Physiology	3	credit test
13	Internship (Volunteer practice)	1	credit test
	Total	30,5	
ADDITIONAL TYPES OF TRAINING			
	Physical Culture and Sports	90 h	credit test
	Introductory lecture "Adaptation to higher education"- 2 h		

2 semester

№	Disciplines	ECTS	Final Control
1	Russian Language	2	credit test
2	Kyrgyz Language and Literature	2	credit test
3	Foreign Language	2	credit test
4	Latin Language	2	credit test
5	Philosophy	2	credit test
6	Medbiophysics	1,5	credit test
7	Mathematics and Computer Science	2	credit test
8	Physical and Colloidal Chemistry	3	credit test
9	Medical Biology	2	credit test
10	Normal Physiology	3	exam
11	Module "Introduction to the specialty "Pharmacy". Circulation of Medicines"	2	credit test
12	First Medical Aid	2	credit test
13	Psychology	2	credit test
14	Industrial Practice (Pharmaceutical Propaedeutic Practice)	2	credit test
	Total	29,5	
ADDITIONAL TYPES OF TRAINING			
	Physical Culture and Sports	90 h	credit test

3 semester

№	Disciplines	ECTS	Final Control
1	Kyrgyz Language and Literature	2	credit test
2	History of Kyrgyzstan	3	credit test
3	History of Medicine and Pharmacy	1	credit test
4	Geography of Kyrgyzstan	2	credit test
5	Botany	3	credit test
6	Physical and Colloidal Chemistry	3	exam
7	Analytical Chemistry	5	credit test
8	Organic Chemistry	5	credit test
9	Pathology	3	credit test
10	Elective Courses	3	credit test
	Total	30	
ADDITIONAL TYPES OF TRAINING			
1	Physical Culture and Sports	90	credit test
2	MMT-OVP	90	credit test

4 semester

№	Disciplines	ECTS	Final Control
1	Microbiology	3	credit test
2	Botany	3	exam
3	Analytical Chemistry	5	exam
4	Organic Chemistry	5	exam
5	Biochemistry	3	credit test
6	Pathology	3	exam
7	Kyrgyz Language and Literature	2	credit test
8	Practical training:	2	credit test
	- field practice in botany, - pharmaceutical propaedeutic practice	2	
9	FSA	2	exam
10	Total	30	
ADDITIONAL TYPES OF TRAINING			
1	Physical Culture and Sports	90	credit test

FSA (Interdisciplinary Comprehensive Exam): Kyrgyz Language and Literature, Geography of the Kyrgyz Republic, History of Kyrgyzstan

5 semester

№	Disciplines	ECTS	Final Control
1	Microbiology	3	exam
2	Biochemistry	3	exam
3	Clinical Medicine	3	credit test
4	Pharmacology	4	credit test
5	Pharmacognosy	5	credit test
6	Pharmaceutical Chemistry	4	credit test
7	УП: НИРС	2,5	credit test
8	Medical Drugs Technology	5	credit test
	Total	29,5	
ADDITIONAL TYPES OF TRAINING			
	MMT-OTMC	60	credit test

6 semester

№	Disciplines	ECTS	Final Control
1	Pharmacology	4	credit test
2	Technology of Medical Drugs	5	credit test
3	Pharmacognosy	5	credit test
4	Pharmaceutical Chemistry	4	credit test
5	Clinical Medicine	3	exam
6	General Hygiene	2	credit test
7	Elective Courses	4,5	credit test
8	Practical training in pharmacognosy	3	credit test
	Total	30,5	credit test
ADDITIONAL TYPES OF TRAINING			
	MMT-OTMC	60	credit test

7 semester

№	Disciplines	ECTS	Final Control
1	Medical Drugs Technology	5	exam
2	Pharmacognosy	6	exam
3	Pharmacology	4	exam
4	Pharmaceutical Chemistry	4	credit test
5	Management and Economics in Pharmacy	6	credit test
6	Jurisprudence	2	credit test
7	Toxicological Chemistry	3	credit test
	Total	30	credit test
ADDITIONAL TYPES OF TRAINING			
	MMT-BTM3	100	credit test

8 semester

№	Disciplines	ECTS	Final Control
1	Pharmacy Management and Economics	6	credit test
2	Ecology	2	credit test
3	Medical and Pharmaceutical Commodity Science	3	credit test
4	Basics of Pharmacotherapy and Clinical Pharmacy	5	credit test
5	Toxicological Chemistry	3	exam
6	Pharmaceutical Chemistry	4	exam
7	Biotechnology of Medical Drugs	2	credit test
8	Bioethics Medical Drugs	2	credit test
9	Elective Courses	3	credit test
	Total	30	
ADDITIONAL TYPES OF TRAINING			
	*MMT-ЭМ		exam
	Military training		

* Comprehensive exam on high-tech medical care

Military training - 4 weeks

9 semester

№	Disciplines	ECTS	Final Control
1	Management and Marketing in Pharmacy	6	credit test
2	Pharmacy Management and Economics	6	exam
3	Standardization and Quality Control of Medicines	6	credit test
4	Basics of Pharmacotherapy and Clinical Pharmacy	5	exam
5	Biopharmacy	4	credit test
6	Pharmaceutical Care	2	credit test
7	Elective Courses	2	credit test

10 semester

№	Disciplines	ECTS	Final Control
1	Evidence Based Medicine	1	credit test
2	Resource Studies	1	credit test
3	Elective Courses	5	credit test
4	Practice: - Quality Control of Medicines - Technology of Medical Drugs - Management and Economics in Pharmacy - Pharmaceutical consulting and information	4 4 4 2	credit test
5	SFC	8	

State final certification (interdisciplinary complex):

1. Medical Drugs Technology
2. Pharmacy Management and Economics
3. Pharmaceutical Chemistry
4. Pharmacognosy