

**Osh State University  
International Medical Faculty**

**Chairman of the UMC MMIF,**

*phd Bazarov A.M.*

*"20<sup>th</sup>" may 2023.*



**Catalog of elective disciplines (CED)  
for the 2023-2024 academic year  
Specialty: "General medicine-560001"  
Course -3, semester-V, 2 credits**

C ou rs e	Se mester	Number of credits	Department	Name of elective	Annotation of the elective course	Prerequisites	Postrequi sites	Number of hours				Advisors (consultant)
								total	lec	prac	iws	
3	V	2	Department of "Pathology, BCPh"	Pathophysiology of drug addiction and substance abuse	The elective course is aimed at studying the issues of the general etiology of drug addiction and substance abuse, the concept of drugs, the general mechanisms of action of drugs on the nervous system, stages of drug addiction, as well as the principles of prevention and treatment of drug addiction.	Clinical biochemistry, physiology, histology	Forensic medical examination, internal medicine	60	12	18	30	Zhanbaeva A.
3	V	2	Department of "Pathology, BCPh"	Evidence-based medicine in clinical pharmacology. Clinical Practice Standards	An elective course is aimed at studying the basics of evidence-based medicine in clinical pharmacology. GCP, GIP, pharmacovigilance. The course will help to shape students' critical and analytical thinking when approaching therapy based on evidence-based medicine.	Clinical biochemistry, physiology	Clinical Pharmacology, Internal Diseases	60	12	18	30	Momunova A., Seitova A.
3	V	2	Department of "Pathology, BCPh"	Pharmaceutical logistics according to regulations GDP/GSP	The elective course focuses on the WHO regulatory requirements for the distribution of medicines; acquiring skills in organizing the main processes of pharmaceutical logistics	Informatics, pharmacology.	Clinical disciplines	60	12	18	30	Momunova A.,
3	V	2	Department of "Pathology, BCPh"	Fundamentals of modern medical legislation in accordance with international standards	The elective course examines the issues of legislative support for the protection of public health, the rights and obligations of medical organizations, medical workers, as well as citizens in the field of healthcare, the problems of social and legal protection	History of medicine, philosophy	Forensic medical exp. Legal basis for the activity of	60	12	18	30	Akhunzhanov R., Umurzakova G.

5	3	V	2	Department of "Pathology, Basic and Clin. Pharmacology"	Management and research methodology	of medical workers.		a doctor					
						The purpose of the elective course is to teach students a science-oriented approach to scientific research. The course examines the organization and methods of scientific research, the full range of research methods, research designs, information collection, statistical processing of material.	Informatics, anatomy, histology, physiology, clinical biochemistry	ERWS/ SRWS/ SRW	60	12	18	30	Kalmatov R.
6	3	V	2	Department of "Pathology, BCPh"	Biostatistics in medicine	An elective course examines the development and use of statistical methods in scientific research in medicine, health care, epidemiology. This science allows you to identify patterns, show connections, dependence, degree of influence, medical factors.	General biology, chemistry, microbiology, epidemiology	Evidence-based medicine	60	12	18	30	Kalmatov R.
7	3	V	2	Department of "Pathology, BCPh"	Introduction to Pharmacoepidemiology and Pharmacoconomics	The purpose of mastering the elective course is to study the use and effect of drugs on large groups of people, to study the assessment of the therapeutic risk associated with the use of drugs and the effectiveness of measures and to minimize them, by the specialists conducting the treatment, to plan, control, recommend and change the individual pharmacotherapy of the patient for its optimization.	Microbiology, Epidemiology	Clinical disciplines	60	12	18	30	Momunova A.

Course -3, semester - VI, 3 credits

№	C o u r s e	Se m es ter	Number of cre di ts	Department	Name of elective	Annotation of the elective course	Prerequisites	Postrequis ites	Number of hours				Advisors (consultan t)
									total	lec	prac	iws	
1	3	V	3	Department of "Pathology, BCPh"	Rational use of medicines	The purpose of mastering the elective course is medicinal, informational and organizational-methodological support of the quality of pharmacotherapy for a specific patient with a specific disease, for monitoring and increasing the degree of their adherence to treatment.	Pharmacology, internal diseases	Clinical disciplines	90	18	27	45	Momunova A. Seitova A.
2	3	VI	3	Department of "Pathology, BCPh"	Clinical pharmacology of drugs for COVID - 19	The aim of the elective course is to provide relevant information and guidelines regarding the COVID - 19 pandemic. Direction of therapy, pharmacological characteristics of drugs, their	microbiology	Clinical disciplines	90	18	27	45	Zhanbaeva A.

3	3	VI	3	Department of "Pathology, BCPh"	Clinical morphology of endocrine diseases ( <a href="https://www.sechenov.ru/univers/structure/institute/institut-klinicheskoy-meditsiny/kafedry-klinicheskoy-mediciny-im-Sklifcovskoro/patanat/electiv/">https://www.sechenov.ru/univers/structure/institute/institut-klinicheskoy-meditsiny/kafedry-klinicheskoy-mediciny-im-Sklifcovskoro/patanat/electiv/</a> )	Charmacokinetic and dynamic actions. Development of the content of one of the basic academic subjects, which allows you to maintain the study of related academic subjects at a specialized level or receive additional training for passing the unified state exam	Normal Anatomy	Pathologic al Anatomy	90	18	27	45	Umurzakova
4	3	VI	3	Department of "Pathology, BCPh"	Jurisprudence	In elective courses, in the process of studying, a highly professional, stable, optimally balanced cadre is formed, which is most fully consistent with modern and predictable socio-political, economic, criminogenic and other conditions, capable of effectively solving the tasks set by society and the state. The course "Jurisprudence" combines several branches of law, which allows the future doctor to receive a set of legal knowledge in the main spheres of public life and the field of medical activity	Philosophy	Forensic Medicine	90	18	27	45	Umurzakova
5	3	VI	3	Department of "Pathology, BCPh"	Pathological anatomy of diseases of the prenatal and perinatal periods "	The purpose of the elective course in the pathological anatomy of diseases of the prenatal and perinatal periods is to study the structural foundations of these diseases, their etiology, pathogenesis and morphogenesis to use the knowledge gained in training at clinical departments to train a general practitioner.	Normal anatomy	Childhood diseases	90	18	27	45	Umurzakova
6	3	V	3	Department of "Pathology, BCPh"	Medical toxicology	The purpose of the elective course in medical toxicology is to develop an understanding of the main goals and principles of studying the toxicity of chemical, potential medicinal and medicinal substances in experimental and clinical studies, to improve knowledge, skills and abilities for the timely recognition of toxicological pathology, the	Clinical biochemistry	Clinical disciplines	90	18	27	45	Zhanbaeva A.

adequate application of organizational, legal, ethical-deontological and medical - preventive principles in relation to these patients, continuous improvement of the system of measures, means and methods to ensure the preservation of life, health and professional performance of an individual, collectives and the population as a whole in conditions of daily contact with chemicals and in emergency situations.

**Course -4, semester - VIII, 2 credits**

Semester	Number of credits	Department	Name of elective	Annotation of the elective course	Prerequisites	Postprerequisites	Number of hours				Advisors (consultant)
							total	lect	prac	iws	
VIII	2	Department of "Pathology, BCPh"	Multidrug-resistant tuberculosis	Elective is included in the list of the National Health Programs of India and Pakistan. The purpose of mastering the elective course is to study the education of multidrug resistance to tuberculosis. The principles of randomized selection of the most effective and safe drugs or their combinations for drug interactions, prevention and treatment of side effects based on the principles of evidence-based medicine are given.	Microbiology, physiology, pathanamia, pathophysiology. Pharmacology	Internal diseases, phthisiology	60	12	18	30	Zhanbaeva A. Murzaeva Maria
VIII	2	Department of "Pathology, BCPh"	Topical issues of AIDS, HIV infection.	Elective is included in the list of the National Health Programs of India and Pakistan. The purpose of this elective is to study the clinical and immunological features of the natural course of HIV infection in patients not taking specific antiretroviral therapy in comparison with the group taking specific antiretroviral therapy and the peculiarities of the course of HIV infection against the background of tuberculosis. The course examines pharmacotherapy based on the principles of evidence-based medicine	Microbiology, physiology, pathological anatomy, pathophysiology. Pharmacology	Clinical disciplines	60	12	18	30	Zhanbaeva A. Murzaeva Maria