

3.2.1.1.1. General information about the program

"Ala-Too" International University, Faculty of Medicine began activities at the Department of General Medicine in 2016. The language of instruction of the Faculty is English.

In the Faculty of Medicine, courses are conducted based on an integrated system. In this form of training, a certain module is conducted in certain coordination. For example, the circulatory system module where the main medical sciences, such as anatomy, physiology, biochemistry, and clinical sciences, are conducted.

At the Faculty of Medicine, the applications of the basic professional skills of the students, including anatomical dissections, are carried out in the multidisciplinary laboratories in the I-VI semesters. In the VII-XII semesters of medical education, mainly clinical courses, medical practice training based on theoretical knowledge, clinical training in hospitals are carried out under the guidance of experts.

3.2.1.1.2. Qualification awarded

Combined degree of bachelors and masters (MD Program- Doctor of Medicine)

3.2.1.1.3. Level of education

Higher professional

3.2.1.1.4. Requirements for applicants

To admission the Faculty of Medicine, for Kyrgyz citizens applicant must have result of the General Republican Testing (ORT) and must score higher than the passing score. Admission of foreign student is carried out in accordance with the regulations of the Ministry of Education and Science of Kyrgyzstan.

English Language (If you don't pass our English proficiency exam, you have to attend our university's one-year English preparatory education)

3.2.1.1.5. Qualification requirements and rules

Medical education programs duration is six years, 12 semesters.

To graduate from the "Ala-Too" International University Faculty of Medicine, it is necessary to pass all exams and complete 360 ECTS credits.

3.2.1.1.6. Recognition of prior learning

Students are admitted to the "Ala-Too" International University Faculty of Medicine in accordance with the charter of the Ministry of Education and Science of Kyrgyzstan.

The students who want to transfer from another Faculty of Medicine to the "Ala-Too" International University Faculty of Medicine, must pass the English proficiency exam or have the required English level and must comply with the principles set by the Ministry of Education and Science of the Kyrgyz Republic. (Details are explained on this site).

3.2.1.1.7. Purpose of the Program

Purpose of the "Ala-Too" International University Faculty of Medicine; to train doctors knowledgeable, talented, ethical, able to update themselves and their knowledge, and solve problems with up-to-date information.

They will spend all their lives learning, developing their knowledge and skills, serving Kyrgyzstan and humanity, working for the development of medicine, using the highest and new knowledge in the treatment of patients, as well as being kind to their patients.

3.2.1.1.8. List of medical program courses

1st Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.1.2	Russian language	C	0	2	2	2
B.1.3	Foreign language	C	0	2	2	2
B.1.4	History of medicine, History of Kyrgyzstan	C	2	0	2	2
B.1.6	Philosophy	C	4	0	4	4
B.1.7	Manasology	C	2	0	2	2
B.2.1	Mathematics	C	2	0	2	2
B.2.2	Informatics	C	4	0	4	4
B.2.3	Physics-biophysics	C	3	0	3	3
B.2.4	Chemistry	C	3	2	5	5
B.3.1	Medical biology, genetics,	C	2	1	2	2
B.3.31	Emergency conditions	C	1	2	2	2
B.4.1	physical training	C	0	2	0	0
ECTS required for Compulsory Courses					30	30
Code №	Name of Course	C/O	T	P	C	ECTS
		O				
ECTS required for Optional Courses						
ECTS required for 1st Semester						30

2nd Semester						
Code №	Name of Course	C/O	T	P	C	ECTS
B.1.2	Russian language	C	0	2	2	2
B.1.4	Latin language	C	2	0	2	2
B.1.1	Psychology	C	2	0	2	2
B.2.3	Physics, Biophysics	C	3	0	3	3
B.3.1	Medical Biology, genetics, parasitology	C	3	1	3	3
B.3.3	General and clinical biochemistry	C	3	2	4	4
B.3.4	Normal and clinical anatomy	C	3	2	3	3
B.3.5	Histology, embryology, cytology	C	2	2	3	3
B.3.6	Normal physiology	C	2	1	2	2
B.3.1	Bioethics	C	2	0	2	2
B.3.3	Hygiene	C	2	2	3	3
B.5.1	Practice-Assistant to Junior Medical staff	C	0	1	1	1
B.4.1	Physical training	C	0	2	0	0
ECTS required for Compulsory Courses					30	30
Code №	Name of Course	C/O	T	P	C	ECTS
		O				

ECTS required for Optional Courses						
ECTS required for 1st Semester						30

3rd Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.1.1	Kyrgyz language and literature	C	0	4	4	4
B.3.3	General and clinical biochemistry	C	2	1	2	2
B.3.4	Normal and clinical anatomy	C	2	2	3	3
B.3.5	Histology, embryology, cytology	C	2	2	3	3
B.3.6	Normal physiology	C	3	1	3	3
B.3.7	Microbiology, virology, immunology	C	3	1	3	3
B.2.1	Biostatistics and statistical programs	C	2	2	4	4
B.3.2	Nursing care	C	1	2	2	2
B.4.1	Physical training	C	0	2	0	0
ECTS required for Compulsory Courses					24	24
Code №	Name of Course	C/O	T	P	C	ECTS
B.3.20	Projects in molecular medicine	O	2	0	2	2
B.3.23	Legal aspects of medical activity	O	2	0	2	2
B.3.29	Psychological foundations of the doctor's activity	O	2	0	2	2
ECTS required for Optional Courses						6
ECTS required for 1st Semester						30

4th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.1.1	Kyrgyz language and literature	C	0	4	4	4
B.1.5	History of Kyrgyzstan, history of medicine	C	2	0	2	2
B.3.3	General and clinical biochemistry	C	2	1	2	2
B.3.4	Normal and clinical anatomy	C	3	2	4	4
B.3.5	Histology, embryology, cytology	C	2	2	3	3
B.3.6	Normal physiology	C	5	2	5	5
B.3.7	Microbiology, virology, immunology	C	3	1	3	3
B.3.21	Radiation diagnostics (medical equipment and diagnostics)	C	1	0	1	1
B.3.18	Medical Genetics	C	2	2	3	3
B.2.3	Geography of Kyrgyzstan	C	2	0	2	2
B.5.2	Nurse Assistant	C	0	1	1	1
B.4.1	Physical training	C	0	2	0	0
ECTS required for Compulsory Courses					30	30

Code №	Name of Course	C/O	T	P	C	ECTS
		O				
ECTS required for Optional Courses						
ECTS required for 1st Semester						30

5th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.2	Medical Parasitology	C	2	1	2	2
B.3.7	Microbiology, virology, immunology	C	2	1	2	2
B.3.8	Basic and clinical pharmacology	C	4	1	4	4
B.3.9	Pathological anatomy, clinical pat anatomy	C	4	3	5	5
B.3.10	Pathological physiology, clinical path physiology	C	4	3	5	5
B.3.11	Propaedeutics of internal diseases	C	3	2	4	4
B.3.18	Propaedeutics of children's diseases	C	3	2	4	4
B.3.20	General surgery	C	2	1	2	2
B.3.21	Radiation diagnostics (medical equipment and diagnostics)	C	1	0	1	1
B.4.2	Military medical training	C	4	0	0	0
ECTS required for Compulsory Courses					29	29
Code №	Name of Course	C/O	T	P	C	ECTS
B.3.25	HIV	O	1	0	1	1
ECTS required for Optional Courses						1
ECTS required for 1st Semester						30

6th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.3	Microbiology, virology, immunology	C	2	1	2	2
B.3.8	Basic and clinical pharmacology	C	4	1	4	4
B.3.9	Pathological anatomy, clinical pat anatomy	C	3	2	4	4
B.3.10	Pathological physiology, clinical path physiology	C	3	2	4	4
B.3.11	Propaedeutics of internal diseases	C	4	3	5	5
B.3.18	Propaedeutics of children's diseases	C	2	2	3	3
B.3.20	General surgery	C	2	2	3	3
B.3.21	Radiation diagnostics (medical equipment and diagnostics)	C	1	0	1	1
B.3.25	Reproductive system	C	2	1	2	2

B.4.2	Military medical training	C	4	0	0	0
B.5.3	Caring for children with somatic and surgical diseases	C	0	2	2	2
ECTS required for Compulsory Courses					30	30
Code №	Name of Course	C/O	T	P	C	ECTS
		O				
ECTS required for Optional Courses						
ECTS required for 1st Semester						30

7th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.12	Internal diseases 1	C	4	3	5	5
B.3.17	Childhood diseases 1	C	4	3	5	5
B.3.22	Infant Surgery	C	2	2	3	3
B.3.23	Surgical diseases 1	C	2	2	3	3
B.3.26	Pathological obstetrics	C	2	2	3	3
B.3.6	Public health	C	2	2	3	3
B.3.9	Operative surgery and top. anatomy	C	2	1	2	2
B.3.14	Dermatovenerology	C	3	2	4	4
B.4.2	Military medical training	C	4	0	0	0
ECTS required for Compulsory Courses					28	28
Code №	Name of Course	C/O	T	P	C	ECTS
B.3.24	Therapeutic massage	O	2	0	2	2
ECTS required for Optional Courses						2
ECTS required for 1st Semester						30

8th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.12	Internal diseases 1	C	4	3	5	5
B.3.17	Childhood diseases 1	C	4	3	5	5
B.3.23	Surgical diseases 1	C	3	2	4	4
B.3.26	Pathological obstetrics	C	2	2	3	3
B.3.5	Evidence-based medicine	C	2	1	2	2
B.3.8	Phthisiopulmonology	C	3	2	4	4
B.3.9	Operative surgery and top. anatomy	C	2	2	3	3
B.3.11	Urology	C	2	1	2	2
B.5.4	PP-Assistant Paramedic	C	0	2	2	2
B.4.2	Military medical training	C	4	0	0	0

ECTS required for Compulsory Courses					30	30
Code №	Name of Course	C/O	T	P	C	ECTS
		O				
ECTS required for Optional Courses						
ECTS required for 1st Semester						30

9th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.13	Internal diseases 2	C	4	3	5	5
B.3.21	Childhood infectious diseases	C	4	3	5	5
B.3.28	Gynecology	C	3	2	4	4
B.3.4	Epidemiology	C	2	2	3	3
B.3.12	Infectious disease	C	5	4	7	7
B.3.16	Neurology and neurosurgery	C	5	3	6	6
ECTS required for Compulsory Courses					30	30
Code №	Name of Course	C/O	T	P	C	ECTS
		O				
ECTS required for Optional Courses						
ECTS required for 1st Semester						30

10th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.13	Internal diseases 2	C	4	3	5	5
B.3.28	Gynecology	C	2	2	3	3
B.3.9	Traumatology and orthopedics	C	4	3	5	5
B.3.14	Otorhinolaryngology	C	3	2	4	4
B.3.15	Ophthalmology	C	3	2	4	4
B.3.19	Psychiatry and narcology	C	4	3	5	5
B.5.5	Assistant hospital doctor	C	0	4	4	4
ECTS required for Compulsory Courses					30	30
Code №	Name of Course	C/O	T	P	C	ECTS
		O				
ECTS required for Optional Courses						
ECTS required for 1st Semester						30

11th Semester						
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Code №	Name of courses	C/O	T	P	C	ECTS
B.3.8	Basic and clinical pharmacology	C	2	1	2	2
B.3.14	Standards of diagnosis and treatment	C	7	4	8	8
B.3.20	Pediatrics 2	C	7	4	8	8
B.3.29	Obstetrics and gynecology	C	4	3	5	5
B.3.30	Anesthesiology, intensive therapy	C	2	2	3	3
B.3.6	Medical rehabilitation	C	2	2	3	3
ECTS required for Compulsory Courses					29	29
Code №	Name of Course	C/O	T	P	C	ECTS
B.3.22	ECG	O	0	1	1	1
ECTS required for Optional Courses						1
ECTS required for 1st Semester						30

12th Semester						
Code №	Name of courses	C/O	T	P	C	ECTS
B.3.15	Family medicine	C	7	4	8	8
B.3.25	Surgical diseases 2	C	4	3	5	5
B.3.11	Oncology	C	3	2	4	4
B.3.18	Forensic medicine with a sectional course	C	2	2	3	3
B.5.6	Assistant to the doctor of the family medicine center	C	0	6	6	6
ECTS required for Compulsory Courses					26	26
Code №	Name of Course	C/O	T	P	C	ECTS
B.3.25	Tobacco addiction control and research	O	0	1	1	1
B.3.26	Occupational disease	O	0	1	1	1
B.3.28	Acupuncture	O	0	2	2	2
ECTS required for Optional Courses						4
ECTS required for 1st Semester						30
PROGRAM ECTS SUMMARY						
Total ECTS required for Compulsory Courses						346
Total ECTS required for Optional Courses						14
Total ECTS required for graduation						360

3.2.1.1.9. Program COMPETENCIES

1. Explains the basic structure, development and physiological functioning of the body at the level of molecules, cells, tissues, organs and systems.
2. Defines the causes of diseases, mechanisms of occurrence and changes in affected organs with information based on scientific data.
3. Evaluates and applies the principles of diagnosis, treatment, prevention and rehabilitation of diseases and epidemiology and reduction of common diseases in the community.
4. Evaluate national and international health systems in the context of health policies, finance and administration.

5. Know the research processes that constitute the basis of medical knowledge and have the knowledge of foreign language to follow the developments in this field.
6. Takes a medical history from the patient and, if necessary, from his relatives.
7. Performs physical examination of patients, evaluates clinical, laboratory and radiological and findings of common diseases and applies diagnosis and treatment processes using appropriate process steps.
8. Recognizes life-threatening situations, makes appropriate first treatment and directs when necessary.
9. Performs preventive medical services.
10. Keeps medical and forensic records in accordance with legal regulations, gives importance to the confidentiality of patient information and prepares and presents patient information when necessary.
11. Plans and performs the processes for the prevention and health promotion in the context of individuals and community.
12. Gain the competency to work independently and take responsibility in compulsory situations.
13. Demonstrate a lifelong learning behavior towards professional and social changes.
14. Fulfills his responsibilities as within the framework of professional values, ethical principles and legislations without discriminating on the basis of race, gender, religion, social and cultural.
15. Takes part in the teamwork with his colleagues and health care workers for the disease prevention and health promotion.
16. Follow the scientific and technological developments in medical practice.

3.2.1.1.10. Matrix of Program Qualifications. Relationships between subjects in the Medical Program

You can find all information on the following Url.

<http://muais.edu.kg/spisok-kursov-meditsinskoj-programmy/>

3.2.1.1.11. Comparison of program qualifications in the medical program curriculum with the main system

3.2.1.1.12. Profiles of graduates by specialty

Graduates of the "Ala-Too" International University Faculty of Medicine can find a job in a medical institution of the country on the basis of the principles adopted by the Ministry of Health of the Kyrgyz Republic. Also they can work in various clinics in different countries of the world.

3.2.1.1.13. Transition to higher education

Students can apply for Master's, postgraduate programs and medical residency.

3.2.1.1.14. Curriculum structure

In the first and second semesters of medical education, students learn basic subjects and basic medical sciences such as physics, chemistry, mathematics, biology, human anatomy, physiology and histology. In the third and fourth semesters, basic medical sciences such as human anatomy, physiology, histology and microbiology are learned.

In the training of the "Ala-Too" International University Faculty of Medicine: On the I-VI semesters, courses are conducted on the basis of the integrated system. In this training, a certain subject is taught in a certain coordination. For example, the circulatory system, where the main medical sciences, such as anatomy, physiology, and biochemistry, are additionally conducted. These basic and clinical sciences are related to each other and are conducted in a certain coordination.

In "Ala-Too" International University Faculty of Medicine I-VI semesters, all laboratory courses and applications of basic professional skills are carried out in multidisciplinary laboratories.

In the V and VI semesters, physiopathology, pathology, pharmacology, and clinical sciences are taught.

The aim of these pre-clinical training sessions is to acquire basic physician skills before meeting patients.

In the VII and XII periods of medical education, there are clinical courses in one cycle. Theoretical lectures are reinforced by clinical training and additional seminars in hospitals. As a result of this process, it is medically prepared on the list of curators. The program of the Faculty of Medicine includes compulsory courses, and elective courses.

3.2.1.1.15. Exams, assessment, and profiling

The "Ala-Too" International University Faculty of Medicine, for the first three years, takes exams from students in writing, as well as practical laboratory exams and objective clinical exams.

At the end of each semester (I-VI semester), exams are held in all subjects.
From the I to VI semesters, an intermediate assessment exam is held for non-modular subjects.
The grades obtained in this exam are entered as an intermediate exam.
At the end of each semester in the I-VI semesters, final exam in all subjects is held, the result of which is taken as the final exam.

Multiple choice examinations, objective clinical examinations, and oral examinations are accepted for the subject in the semesters VII-XII.

The assessment of the student is considered separately-the student's academic performance during practice, clinical, polyclinic, laboratory and field studies, taking anamneses from patients, epicrisis, night shifts, seminars, achievements in clinical and pathological meetings.

3.2.1.1.16. Graduation requirements

Students who have successfully passed all the subjects of the 6-year program of The "Ala-Too" International University Faculty of Medicine, who in total have scored at least 360 ACTS credits, graduate.

3.2.1.1.17. Type of education

Full-time Education

3.2.1.1.18. Program responsibility

Professor Kenan Gumustekin, MD, PhD, Dean of the Faculty of Medicine.

Email address: kenan.gumustekin@iaau.edu.kg

Phone: +996 (312) 631425

Fax number: +996 (312) 630409

Address: "Ala-Too" International University, Kyrgyz Republic 720048, Bishkek, Ankara Street 1/8 (Tunguch)
<http://www.iaau.edu.kg>