

**Ss. Cyril and Methodius University -  
Skopje**

**FACULTY OF MEDICINE**



**Student  
information  
booklet**

**2024/2025**

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## Dean's message



*“Wherever the art of Medicine is loved,  
there is also a love of Humanity.”*

*Hippocrates*

Dear students,

The Faculty of Medicine in Skopje, as one of the largest and oldest institutions of its kind in the country, has an invaluable importance in the educational, scientific and health system of our country.

Your choice to study at this faculty, in the years ahead of you, will gradually introduce you to the inexhaustible secrets of medicine. From this day forward it will not be easy, but with each new day you will become stronger. You will face many challenges and temptations. You have years of hard work ahead of you, during which you will strive to stay true to the long-standing mission of medicine, to treat and improve the health of patients. In doing so, you should accept humanity as a basic element in your professional formation and grow into doctors with a strong sense of empathy. You will find constant support and encouragement along the way of your medical education in your professors.

The knowledge, skills, as well as the Diploma that you will obtain, will make you part of an academic community with more than 15,000 students graduated at our faculty. The doors of the scientific and medical world will become open for you and they will provide further continuous improvement.

You should embrace the years of studying with joy and pride, since they make you part of the diversity and equality provided by the width of our profession.

*Non scholae, sed vitae discimus.*

Prof. d-r Svetozar Antovikj, Dean

# **I.**

## **Management and administration of the Faculty of Medicine**

### **Dean of the Faculty**

Prof. d-r Svetozar Antovikj

### **Vice-Deans of the Faculty**

- Prof.d-r Julija Zhivadinovikj Bogdanovska – Vice-Dean of Teaching
- Prof. d-r Marija Vavlukis – Vice-Dean of Science
- Prof. d-r Simon Trpeski – Vice-Dean of Specialization and Sup-specialization
- Prof. d-r Rubens Jovanovikj – Vice-Dean of International Collaboration

### **Dean's Administration**

The Dean's Administration is a governing body of the faculty with 15 members. It consists of:

- The Dean;
- The Vice-Deans;
- The Secretary of the Faculty;
- Two heads of the departments of the surgical branches of medicine (surgery, ENT, ophthalmology, orthopedics, anesthesiology and reanimation, gynecology and obstetrics);
- Two heads of the departments of the internal branches of medicine (radiology, internal medicine, pediatrics, dermato-venereology, neurology, infectiology, oncology, transfusiology, physical medicine, family medicine);
- Two heads of the departments of the basal branches of medicine that don't have applied activities and preventative branches (anatomy, medical ethics, medical chemistry, medical physics, social medicine, epidemiology with statistics and informatics, hygiene and occupational medicine);
- Three heads of the institutes that conduct health services (pathology, microbiology with parasitology, forensic medicine, criminalistics and medical deontology, pathological physiology and nuclear medicine, medical and experimental physiology with anthropology, preclinical and clinical pharmacology with toxicology, immunology, medical and experimental biochemistry, medical histology with embryology);
- One member elected of the Faculty Student Assembly

### **Secretary of the Faculty**

Radmila Mitanoska, LLB

## II.

### **General principles of studying according to the European Credit Transfer System (ECTS) at the Faculty of Medicine in Skopje**

From the academic year 2005/2006, the Faculty of Medicine in Skopje started applying the European Credit Transfer System (ECTS) in its undergraduate educational process, as a new system of academic recognition of studies, which aims to ensure the creation of a creatively oriented and appropriately motivated student towards the studies. The student will be mobile on a national and international levels, which will ensure international competitiveness in the European intellectual space.

#### **What's ECTS?**

The European Credit Transfer System (ECTS) is a new study system, developed by the European commission, and based on three basic elements: complete information about the study program and the students' engagement; agreement between the partner institutions and the student; and using credits as a measure of student engagement.

ECTS credits are numerical values given to course units in order to describe student engagement. They describe the work quantity which is required by every course unit in relation to the total work quantity needed to finish the academic year, presented by: lectures, practical tasks (practical lessons), seminars, workshops, independent study and knowledge assessment. In fact, the ECTS credits represent a relative measure of student's engagement in mastering the study program.

#### **Study organization**

The integrated studies of General Medicine are arranged in six years, i.e. 12 semesters, the four-year academic studies for speech therapists in 8 semesters, and the three-year vocational studies in 6 semesters.

The subjects are classified as: **mandatory** and **elective**. The student enrolls in the **mandatory subjects** every semester, if the conditioning criteria of every subject separately has been fulfilled.

During the studies, the student has to choose a particular number of the offered **elective subjects** (5 for General Medicine, 4 for the Academic studies and 3 for the Three-year vocational studies). **During a single** semester, the student can enroll in up to two elective subjects. The number of students that can enroll in the same subject in one semester is at least 10, and up to 25 students.

The study process at the Faculty of Medicine is realized through: *lectures, practical training (practical lessons, workshops, stays) and seminars.*

**The lectures** are conducted by professors and they can be attended by all students. They are usually designed as interactive lessons for approximately 100 students and they can include particular student activities (seminar paper, problem presentation, case study). They provide the students with a cross-section of the central themes contained in the subject.

**The practical training** (practical courses, practical lessons, workshops) is conducted by professors and/or assistant professors (assistants) and it has the task of applying the practical knowledge and making the student capable of practically employing the theoretically mastered knowledge.

**The seminars** represent a different form of training intended for a particular group of students (maximum of 50 students), where the topics mentioned in lectures or read in the professional literature are discussed. At the seminars, the students participate actively, have the ability to express their personal opinions, ideas, discuss, and present orally/in writing their newly obtained knowledge.

## **Study rules**

The study rules of the Faculty of Medicine are in accordance with The Law on Higher Education and the Directive on the conditions, criteria, rules and procedure of enrollment and study at the first cycle of studies (undergraduate studies) and second cycle of studies (postgraduate studies) at the Ss. Cyril and Methodius University in Skopje.

## **Obtaining signature, acquiring credits**

Every subject of the study program is coded with a code, that defines the program content, learning methods and grading technique.

**To obtain a signature**, the student is obliged to actively participate in all the determined activities (lectures, practical lessons, seminars, stays), which provide a particular number of points, and to attend the mid-term exams.

The student that did not acquire the right to a signature in one subject, must enroll and listen to the subject again in the following academic year, assuming all the obligations as if he/she was enrolling in the subject for the first time.

Every subject with a certain code is expressed by precisely determined number of credits, which show the overall workload of the student in mastering the subject.

The credit is granted only to those students that obtained a signature, fulfilled the requirements for taking the exams and successfully passed the exams.

The number of credits that the students should acquire in order to gain a certain professional training ranges from 30 credits per semester to 60 credits per year.



## Conditional criteria

The study program stipulates conditioning criteria, i.e. previously mastered subjects (earned credits) as a condition for enrolling in other (subsequent) subjects.

The conditional criteria aim to provide the student with guidance in terms of which subjects to take first and then to enroll in other subjects in the following semesters, in order to master the determined study program in an easier and more appropriate manner.

**The student can enroll in new subject programs from the following semester or from the following year, but the student cannot enroll in subject programs for which the conditional criteria for enrollment, given for each subject separately, have not been met.** Furthermore, the total study obligations in one semester cannot exceed 35 ECTS credits.

## Assessment

During the studies, the student achieves the required number of credits for a certain subject program through **continuous** and **final** assessment.

Through the continuous assessment, the student gains points with every activity determined by the respective study program.

The subject of assessment within the subject program can be: attending lectures; carried out consultations; successfully completed practical lessons; successfully completed practical training; preparation of a seminar paper; field work; independent learning/homework; mentoring other students; created or realized projects; won awards/commendations and other student activities.

The grade of the overall exam is obtained according to the grade table which is determined by every study program separately, **and is based on the sum of points from all the activities, including continuous knowledge assessment (mid-term exams) and points from every part of the final exam or the comprehensive final exam.**

The final assessment is expressed quantitatively with a grade from 5 (five) to 10 (ten). The grade 5 (five) indicates insufficient success. The criteria of forming the final grade are as follows:

Points	Grade
up to 59	5 (F)
60-68	6 (E)
69-76	7 (D)
77-84	8 (C)
85-92	9 (B)
93-100	10 (A)

Grade is obtained by passing the mandatory and elective subjects.

## Continuous assessment (mid-term exams)

**The student must attend the continuous knowledge assessment – mid-term exams.**

The mid-term exams are taken at a determined time – mid-term exams

weeks or by exception on the last lesson of the determined study program, for those subjects that are organized according to the principle of blocks and for those subjects that don't have a determined mid-term exam week in the semester.

One study subject can have one or up to three mid-term exams in a semester.

The continuous knowledge assessment (mid-term exams) is carried out in writing, with tests or orally-practically, depending on the nature of the subject program.

The knowledge assessment in writing (test) is carried out through multiple-choice questions test (at least 4 given answers of which only one is correct) or a combination of multiple-choice questions part and a part with fill-in-the-gaps questions or other type of open-close questions (matching, constructing), but the second part should not comprise more than one third of the total number of questions on the test.

The number of questions of the continuous assessment in writing (test) is in accordance with the needs and peculiarities of the subject.

The questions of the mid-term exams must be covered with the given program and/or the question list, i.e. a questions' digital base, and the questions' answers must be covered with the available, basic teaching aids which were previously approved by the Teaching-scientific council of the faculty and published in a public place (bulletin board), given in the information package and/or the faculty's website at the beginning of the academic year.

The mid-term exam is passed if the student gets minimum points expressed as 60% of the maximum number of points.

The student can view the mid-term exam results within 24-48 hours of the results' publication.

The passed mid-term exams as a condition for taking the final exam are valid until the student re-enrolls in the subject.

The student does not have the right of objection, if the mid-term exam is not passed during the course.

## **Final and comprehensive final exam**

The subject program may require a final and/or comprehensive final exam.

The final and/or comprehensive final exam is taken in the designated exam session after the completion of the lessons in the winter or summer semester.

The student can take the **final exam** of a particular subject after **all** the determined mid-term exams are passed with a minimum number of points (60%).

If the student does not pass the determined mid-term exams, **he/she does not have the right to take the final exam.**

The final exam is in writing, oral and/or practical, that is, it can be a combination of these types of exams.

If the final exam consists of written and oral/practical part, the points are received as a **sum** of the points of the written, oral and/or practical part of the exam.

**The comprehensive final exam** is a combination of the mid-term exam (mid-term exams) that were not passed and the final exam.

When taking a comprehensive final exam, the student must take both the mid-term exam which was not passed and the final exam, but the student must get minimum points (60%) of the mid-term exam (mid-term exams), or a grade for the entire exam cannot be formed. When taking the comprehensive final exam, if the student passes the mid-term exam (mid-term exams) but does not get minimum points of the final exam, in the next exam session, the student is able to only take the final exam.

**The student who is not able to attend the final and/or comprehensive final exam, must, in the following academic year, take the mid-term exams in determined exam weeks in order to be able to attend the final or comprehensive final exam in the exam session.**

The questions of the written or oral exam must be covered with the given program and/or the question list, i.e. a questions' digital base, and the questions' answers must be covered with the available, basic teaching aids which were previously approved by the Teaching-scientific council of the faculty and published in a public place (bulletin board), given in the information package and/or the faculty's website at the beginning of the academic year.

## **Exam deadlines**

The dates of the continuous and final assessment are strictly determined at the Faculty of Medicine.

The continuous knowledge assessment, that is the mid-term exams are held in three mid-term exam weeks: in October, November and December, i.e. March, April and May, and the final and comprehensive final exam are held after the completion of the semester in the month: January, May/June and August/September.

The dates of the continuous assessment (mid-term exams) and the exams in every session is set at the semester's beginning and it is published on the bulletin board and/or the website of the faculty.

If there are two given exam dates for a particular subject in the exam session, the student is able to choose one of the available dates.

The student that will not achieve positive results in the subjects with conditional criteria in the exam dates, has to re-enroll in the subject program (the subject) by taking the mid-term exams that were not passed or by attending a final and/or comprehensive final exam in whatever exam session the following academic year.

The conditions of passing an exam are identical, regardless of which exam session it is.

The exam of one study subject can be attended up to three times, and the third time, at the request of the student, the examination can be done in front of a committee of three teachers of the same or similar teaching-scientific field. The committee is formed by the Dean. The teacher who already was part of the examination process is not part of this committee.

The student who has not passed the exam after the third time has to re-enroll in the subject the following academic year.

The student who did not take the exam and the student who did not pass the exam, has to re-enroll in the subject the following academic year.

With the study plan, it can be determined that some forms of teaching don't require assessment or they require descriptive assessment.

The student can withdraw from the exam at the latest before the start of the exam. The exam is considered to be started after the questions have been asked by the subject teacher. It is considered that the exam has not been passed, if the student withdraws from the exams after the question has been asked, and on the exams in writing, when the question is announced or the test has been distributed to the students.

The exam is also considered to not be passed if the student does not attend the exam in the determined time.

## **Academic year, semester studies**

The academic year begins on the 1<sup>st</sup> October, and ends on the 30<sup>th</sup> September, the following year.

### **III.**

## **General and practical information for students**

### **Location, space and equipment at the Faculty of Medicine in Skopje**

The Faculty of Medicine consists of several facilities, located at the complex of the Clinical center.

Address: **St. "50<sup>th</sup> Division" 6**  
Phones: + **389 2 31 03 700**  
**Fax: + 389 2 32 20 935**  
email: **medf@medf.ukim.edu.mk**  
Webpage: **<http://www.medf.ukim.edu.mk>**

The educational process is carried out at the facilities of the institute buildings, clinics and teaching bases.

### **Student service**

Registration of semesters and getting information about the studies is done at the counters of the Student service located in the Dean's office building, i.e. electronically thorough the Faculty's official webpage.

Information about the studies is published on the bulletin board in the hall of the Dean's office building and/or the official webpage of the faculty.

### **Library**

The library of the Faculty of Medicine is located on the ground floor of the Institute building, and it has a depot of older book collections located in the basement facilities of the Dean's Office building. The library is partially computerized, which enables searching of its own book collections and access to an extremely large number of international journals with the possibility of obtaining full texts.

All information regarding the library book collections and the principles of the Library's operation can be obtained at the Internet address: [www.cmb.edu.mk](http://www.cmb.edu.mk) .

Ivana Trajkovska, philology graduate, is the Head of the Library.

The students of the Faculty of Medicine can use the services of the National and University Library “Ss. Kliment Ohridski” in Skopje.

## **Student Organization**

The students of the Faculty of Medicine in Skopje are organized in the Faculty Student Assembly, which is an organization that aims to represent the interests of medical students within the Faculty, as well as to organize activities for public health promotion, exercising student rights and establishing international communication with students and student organizations outside our country.

The Student Assembly is run by a president, who changes every year through elections, in which all the enrolled students at the faculty have the right to vote and be elected.

The students participate in the management of the faculty through representatives elected by the Faculty Student Assembly, which enables students to realize common interest as partners of the higher education process.

The facilities of the Student Assembly are located in the Clinical Center in Skopje area.

## **Student accommodation**

The students of the Faculty of Medicine can be accommodated in the “Skopje” Student Center, which has several student dormitories.

The necessary documents, deadlines and places for submitting the documents are announced through a competition, and the method and procedure of admission of students in student dormitories is based on a Directive.

The results of the competition are published on the bulletin boards of the student dormitories.

# Students' rights and obligations

## 1. Student status

The status of a student, which at the same time enables becoming member of the academic community, is obtained by enrolling in undergraduate studies at the faculty, which is proven with an Index and a student ID card.

## 2. Student's rights and obligations

The student has the right of:

- High quality studies and an educational process that is determined by the study program.
- Freedom to express opinion and attitudes during the studies and other activities inside the higher education institution.
- Right to evaluate the quality of the studies and the teachers.
- Regular studies and the status of a regular student and the right of part-time studies and the status of a part-time student.
- To make regular progress, to be educated and to finish the education under the conditions that were valid at the time of enrollment.
- Enrollment and education under the same conditions as determined by law, the Statute, the UKIM Directive and the study program.
- Participation in the Faculty's management, in accordance with the law and the Directive of the higher education institution.
- Protection of personal rights and obligations before the bodies of the faculty.
- Protection of the person from abuse of his dignity.
- To elect and be elected, as a representative of the students before the bodies of the faculty.
- To transfer from one to another higher education institution, i.e., from one to other study program, under the conditions determined by the study program, the Statute and the UKIM Directive.
- To continue the interrupted studies.
- To be part of civil organizations and other forms of personal initiative.
- To collaborate with domestic and foreign students.
- To use the library, data basis, space, equipment (teaching aids), software and other scientific and professional infrastructure of the faculty.
- To participate in scientific-research and professional activities, whereby he/she is guaranteed copyright, invention rights and other similar rights and awards.
- To use the university facilities for sports and cultural activities.
- To use the services of student standard (accommodation, nutrition, health care and other), city and intercity transportation, according to the conditions determined by law and by the performers of the corresponding activities.



- To get state or other scholarships or the use a financial loan during the studies.

### **3. Complaint to a grade obtained by knowledge assessment**

The student, within three working days of the announcement of the final assessment results, can issue a complaint, if he/she is not satisfied with the final assessment, that is, the grade, or if he/she considers that the exam was not conducted in accordance to the law and the acts of the University and the unit.

Upon request, the student is allowed to repeat the final assessment in order to obtain a higher grade of the study subject within a period of four months after the initial assessment. The grade obtained at the second final assessment is final and the student does not have the right to repeat the final assessment again.

### **4. Drop out of the faculty**

Every student can drop out of the faculty, whereupon a special discharge document is issued, in which the enrolled years and semesters, as well as the passed exams are written. This is recorded in the student's index and the book of discharged students.

### **5. Disciplinary measures**

Disciplinary proceedings may be initiated before the Disciplinary Commission of the Faculty, in accordance with the Statute of UKIM, for violation of duties and unfulfillment of obligations for the student. One of the following disciplinary measures may be imposed on the student: reprimand, public reprimand, ban on taking the exam from one to three sessions, re-enrollment in the subject or expulsion from the Faculty.

Violation of duties and unfulfillment of obligations is every violation of the Law, the Statute of UKIM and other acts of the higher education institution which regulate the rights and obligations of the students.

The disciplinary measure-expulsion is used in the academic year when it was issued.

## **6. Termination of the student status**

The status of a student ends in case of:

- Graduation;
- Not completing the studies in the deadline determined by law and the Statute of UKIM;
- Not enrolling in the semester on time, without asking to put the studies on standby, as well as not enrolling in the semester after the end of the standby period, except in cases when the studies are interrupted in accordance to the Statute of UKIM;
- Dropping out of the faculty;
- Being expelled from the faculty;
- Other cases in accordance to the law, the Statute, the study program and the rules.

The status of a student can be renewed at the student's request, and in accordance to the procedure determined by the Statute of UKIM, except when the status has ended with terminal expulsion.

The student whose status has been renewed, continues the studies with covering the expenses of studying (co-financing).

All information about the studying rules is available at the webpage of the Faculty of Medicine.

## **IV.**

### **Study programs at the Faculty of Medicine**

The following study programs are available at the Faculty of Medicine according to the ECTS principles of studying:

#### **1. Studies of General Medicine:**

- System: **6+3**
- Undergraduate studies-integrated 6-year studies with **5876 hours** (360 credits)
- Doctoral studies-3 years (180 credits)
- Specializations (minimum 4 years-maximum 7 years) and sup-specializations (2 years).

#### **2. Studies of General Medicine in English language:**

- System: **6+3**
- Undergraduate studies-integrated 6-year studies with **5876 hours** (360 credits)

#### **3. Four-year academic studies for graduate speech therapists**

- System: **4+2**
- Undergraduate studies – 4 years with **4630 hours** (240 credits)

#### **4. Three-year vocational studies for graduate nurses and medical technicians:**

- System: **3+1**
- Undergraduate studies – 3 years with **4180 hours** (180 credits)

#### **5. Three-year vocational studies for graduate radiology technicians**

- System: **3+1**
- Undergraduate studies – 3 years with **2945 hours** (180 credits)

#### **6. Three-year vocational studies for graduate physiotherapists**

- System: **3+1**
- Undergraduate studies – 3 years with **3140 hours** (180 credits)

#### **7. Three-year vocational studies for graduate engineer of medical-laboratory diagnostics**

- System: **3+1**
- Undergraduate studies – 3 years with **2645 hours** (180 credits)

#### **8. Three-year vocational studies for graduate obstetricians**

- System: **3+1**
- Undergraduate studies – 3 years with **4600 hours** (180 credits)

**FACULTY OF MEDICINE – SKOPJE**

**STUDIES OF  
GENERAL MEDICINE  
IN ENGLISH  
LANGUAGE**

## CURRICULUM OF THE STUDIES IN GENERAL MEDICINE

### I YEAR

I semester				II semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Biophysics	60	3	6	Medical chemistry	90	7	3
Cell morphology and physiology	60	5	3	Anatomy 2	90	7	3
Anatomy 1	90	9	3	Histology and embryology 2	75	6	6
Introduction to medicine	30	2	6	Health promotion	15	1	6
Medical psychology and sociology	75	5	6	Medical ethics	30	2	6
Histology and embryology 1	60	5	3	Introduction to human genetics	60	5	6
Sports and health	30	1		First aid	15	1	6
				Elective subject	15	1	
	<b>405</b>	<b>30</b>			<b>390</b>	<b>30</b>	

## II YEAR

III semester				IV semester			
Subjects	Lessons	Credits	Validity exam sessions	Subject	Lessons	Credits	Validity exam sessions
Biochemistry 1	105	7	3	Physiology 2	90	6	3
Physiology 1	150	11	3	Biochemistry 2	75	5,5	3
Introduction to immunology	45	3	6	Microbiology with parasitology 1	60	4	3
Biostatistics with medical informatics	45	3	6	Pathological physiology 1	105	7	3
Anatomy 3	90	6	3	Hygiene	75	5	6
				Basics in scientific work	30	1,5	6
				Elective subject	15	1	
	<b>435</b>	<b>30</b>			<b>450</b>	<b>30</b>	

### III YEAR

V semester				VI semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Microbiology with parasitology 2	75	6	3	Pathology 2	120	8	3
Pathological physiology 2	60	4,5	3	Clinical examination	92	7	3
Pathology 1	135	9	3	Pharmacology	105	7	3
Clinical examination	93	6	6	Epidemiology	75	5	6
Radiology	60	3	6	Transfusiology	30	2	6
Nuclear medicine	30	1,5	6	Elective subject	15	1	
	<b>453</b>	<b>30</b>			<b>437</b>	<b>30</b>	

## IV YEAR

VII semester				VIII semester			
Subjects	Lessons	Credits	Validity exam sessions	Subjects	Lessons	Credits	Validity exam sessions
Internal medicine	205	11	6	Internal medicine	150	9,5	6
Infectiology	105	7	6	Surgery	160	9,5	6
Dermatovenerology	80	5	6	Gynecology	100	6	6
Neurology	97	6	6	Clinical pharmacology	30	1,5	3
Elective subject	15	1		Clinical biochemistry	30	1,5	3
				Oncology	45	2	6
	<b>502</b>	<b>30</b>			<b>515</b>	<b>30</b>	



**V YEAR**





<b>IX semester</b>				<b>X semester</b>			
<b>Subjects</b>	<b>Lessons</b>	<b>Credits</b>	<b>Validity exam sessions</b>	<b>Subjects</b>	<b>Lessons</b>	<b>Credits</b>	<b>Validity exam sessions</b>
Surgery	175	10.5	6	Pediatrics	90	5	6
Gynecology and obstetrics	105	6	6	Psychiatry	95	5.5	6
Pediatrics	90	6	6	Otorhinolaryngology	97	6	6
Orthopedics	55	3	6	Ophthalmology	67	4	6
Anesthesiology and reanimation and pain management	40	2	6	Family medicine	30	1.5	6
Emergency medicine	30	1.5	6	Forensic medicine	75	4	6
Physical medicine and rehabilitation	15	1	6	Occupational medicine	45	2	6
				Social medicine and health economics	30	2	6
	<b>510</b>	<b>30</b>			<b>529</b>	<b>30</b>	





## VI YEAR




XI semester		XII semester	
Subjects	Duranton/organization	Lessons	Credits
Internal medicine clinical practice	8 weeks	320	15
Surgery clinical practice	8 weeks	320	15
Gynecology and obstetrics clinical practice	4 weeks	160	7
Pediatrics clinical practice	3 weeks	120	6
Public health clinical practice	2 weeks	80	4
Family medicine clinical practice	1 week	40	2
Gerontology	1 week	40	2
Palliative medicine	1 week	40	2
Seminars* (3 subjects)	1 week Differential diagnosis (solving cases internal+surgery+pediatrics)	60	3
Clinical microbiology	2 days	15	1
Rational drug prescription and natural ways of healing	1 week	40	2
Elective subject		15	1
		<b>1250</b>	<b>60</b>






\*Seminars are conducted on the mentoring principle with professors and assistants. They are organized as active participation of students in the working process, participation of seminars and/or workshops, public presentations of case reports.

## CONDITIONS FOR ADVANCEMENT

<b>I into II semester:</b>		
<b>Signature:</b> Anatomy 1		Anatomy 2
<b>Signature:</b> Histology with Embryology 1		Histology with Embryology 2
<b>Signature:</b> Cell morphology and physiology		Introduction to human genetics
<b>Signature:</b> Introduction to medicine		Health promotion




<b>II into III semester:</b>		
<b>Passed exams:</b> Anatomy 1 Anatomy 2 Histology with Embryology 1		Anatomy 3 Physiology 1
<b>Passed exams:</b> Medical Chemistry		Biochemistry 1
<b>Passed exams:</b> Cell morphology and physiology		Physiology 1 Introduction to immunology
<b>Signature:</b> Introduction to human genetics		Introduction to immunology

<b>III into IV semester:</b>		
<p><b>Signature:</b> Biochemistry 1</p>		Biochemistry 2
<p><b>Signature:</b> Physiology 1</p>		Physiology 2 Pathological physiology 1
<p><b>Passed exams:</b> Cell morphology and physiology <b>Signature:</b> Introduction to immunology</p>		Microbiology with parasitology 1

<b>IV into V semester:</b>		
<b>Passed exams:</b> Physiology 1 <b>Signature:</b> * Pathological physiology 1		Pathological physiology 2
<b>Passed exams:</b> Physiology 1 <b>Signature:</b> Physiology 2 Pathological physiology 1 Microbiology with parasitology 1		Microbiology with parasitology 2
<b>Passed exams:</b> Physiology 1 Anatomy 3 Histology and embryology 2  <b>Signature:</b> Physiology 2 Pathological physiology 1		Pathology 1
<b>Passed exams:</b> Physiology 1 and Anatomy 3 <b>Signature:</b> Microbiology with parasitology 1 * Pathological physiology 1		Clinical examination 1
Passed exams: Biophysics		Radiology Nuclear medicine

\* The student does not have the right to take the Pathological physiology 2 and Clinical examination exams before passing the exam of Pathological physiology 1.

**V into VI semester:**

<p><b>Passed exams:</b>                  Biochemistry 1                  Physiology 2  <b>Signature:</b>                  Pathology 1                  Pathological physiology 2                  Clinical examination 1</p>		Clinical examination 2
<p><b>Passed exams:</b>                  Biochemistry 1                  Physiology 2  <b>Signature:</b>                  Pathology 1                  Pathological physiology 2</p>		Pathology 2 Pharmacology Transfusiology
<p><b>Passed exams:</b>                  Medical statistics with informatics</p>		Epidemiology

**VI into VII semester:**

**Passed exams:**

Introduction to medicine  
Medical psychology and sociology  
Health promotion  
Medical ethics  
First aid  
Basics in scientific work  
Introduction to human genetics  
Biochemistry 2  
Microbiology with parasitology 2  
Pathophysiology 2  
Pathology 1  
Pathology 2  
Clinical examination  
Introduction to immunology  
Hygiene  
Radiology  
**Signature:**  
\*Pharmacology  
Epidemiology  
Transfusiology  
Nuclear medicine



FOR ANY SUBJECT

**\* The student cannot take the Clinical Pharmacology exam before passing the Pharmacology ex**



