

MEDICINE

Programme type	Integrated Studies
Field of study	Medicine
Study area	Health Sciences
Degree	Medical Doctor, Master in Health Sciences
Duration	6 years (12 semesters)
Workload	360 ECTS
Language of instruction	English
Location	Vilnius, Lithuania
Starting date	1 st of September

PROGRAMME DESCRIPTION

The objective

A holder of doctor's professional qualification possess: adequate knowledge of the sciences on which medicine is based and a good understanding of the scientific methods; sufficient understanding of the structure, functions and behaviour of healthy and sick persons, as well as relations between the state of health and physical and social surroundings of the human being; adequate knowledge of clinical disciplines and practices.

Career opportunities

A graduate can be employed in commercial structures dealing with medical equipment or pharmaceutical companies, however, for independent medical practice further studies are needed.

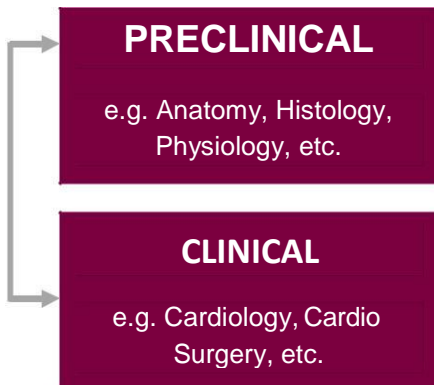
Access to further studies

Access to the third cycle (residency) studies in accordance with the legal acts of the Ministry of Health of the Republic of Lithuania and the other legal acts of the Republic of Lithuania.

KEY LEARNING OUTCOMES

A Medical doctor possesses skills in using main clinical methods, including taking and writing a detailed medical case history, performing physical examination and assessment of mental status, interpretation of patients' case history results, physical, laboratory and instrumental examination, identification of patients problems, determination of preliminary diagnosis, assessment and treatment plans. He/she also possesses the main clinical skills including basic and advanced life support, venous puncture, as well as scientific research, communication, professional ethics, informational technology skills.

COURSE INFORMATION



In the first 2 years, basic medical science is taught as a series of courses organised into four concurrent themes: molecular/cellular aspects of medicine, human structure and function, healthcare in the community, and early clinical and professional development. The integration of science and clinical practice starts at the beginning of the courses. Through a series of lectures, seminars, and visits to general practices and hospitals, you will be familiarised with patient contact and learn the principals of clinical history taking and examination. Student-selected components allow for the study of topics in depth. Following this, you will move into the clinical phases where you will rotate through a series of placements at major teaching trusts throughout the region and community.

Year 1					
Semester 1			Semester 2		
	Course Unit Title	ECTS credits		Course Unit Title	ECTS credits
1	Human Anatomy I/II	10	1	Human Anatomy II/II	5
2	Human Histology I/II	5	2	Human Histology II/II	5
3	Human Biology and Genetics <i>Human Biology</i> <i>Genetics</i>	5 (2,5/2,5)	3	Biochemistry	5
4	Introduction to Medical Studies <i>Introduction to Medical Studies</i> <i>History of Medicine</i> <i>First Aid</i>	5 (1/3/1)	4	Psychology, Basics of Professional Communication and Psychosomatics <i>Psychology</i> <i>Basics of Professional Communication and Psychosomatics</i>	5 (2,5/2,5)
5	Latin and Specialty Language <i>Latin Language</i> <i>Specialty Language</i>	5 (2,5/2,5)	5	Human Physiology I/II	5
			6	GUE	5

Year 2					
Semester 3			Semester 4		
	Course Unit Title	ECTS credits		Course Unit Title	ECTS credits
1	Human Physiology II/II	5	1	Pathology I/II	5
2	Microbiology I/II	5	2	Microbiology II/II	5
3	Propaedeutics of Internal Diseases and Basics of Clinical Oncology I/II <i>Propaedeutics of Internal Diseases</i> <i>Basics of Clinical Oncology</i>	5 (3/2)	3	Applied Anatomy, Basics of Radiology <i>Applied Anatomy</i> <i>Basics of Radiology</i>	5 (3/2)
4	Public Health; Methodology of Scientific Work and Biostatistics <i>Public Health</i> <i>Methodology of Scientific Work and Biostatistics</i>	5	4	Pharmacology I/II	5
5	Clinical Practical Skills Development I/II	5	5	Propaedeutics of Internal Diseases and Basics of Clinical Oncology II/II <i>Propaedeutics of Internal Diseases</i> <i>Basics of Clinical Oncology</i>	5 (3/2)
6	GUE	5	6	GUE	5

Year 3					
Semester 5			Semester 6		
	Course Unit Title	ECTS credits		Course Unit Title	ECTS credits
1	Pathology II/II	5	1	Infectious Diseases and Dermatology I/II <i>Infectious Diseases</i> <i>Dermatology</i>	5
2	Pharmacology II/II	5			
3	Obstetrics	5			
4	Radiology	5	2	Eye Diseases	5
5	Anaesthesiology and Reanimatology; General Surgery <i>Anaesthesiology and Reanimatology</i> <i>General Surgery</i>	5 (2,5/2,5)	3	Ear, Nose and Throat Diseases	5
			4	Gynaecology	5
6	Pulmonology, Allergology and Clinical Immunology; Chest Surgery I/II <i>Pulmonology</i>	5 (5/0/0)	5	General Paediatrics and Neonatology I/II <i>General Paediatrics</i> <i>Neonatology</i>	5 (3/2)
			6	Pulmonology, Allergology and Clinical Immunology; Chest Surgery II/II <i>Pulmonology</i> <i>Allergology and Clinical Immunology</i> <i>Chest Surgery</i>	5 (2/2/1)

Year 4					
Semester 7			Semester 8		
	Course Unit Title	ECTS credits		Course Unit Title	ECTS credits
1	Gastroenterology and Abdominal Surgery <i>Gastroenterology</i> <i>Abdominal Surgery</i>	10 (5/5)	1	Traumatology, Physical Therapy and Rehabilitation <i>Traumatology</i> <i>Physical Therapy and Rehabilitation</i>	5 (3/2)
2	Neurology and Neurosurgery I/II (5/0) <i>Neurology</i>	5 (5/0)	2	Cardiac and Vascular Diseases	10
3	Infectious Diseases and Dermatology II/II <i>Infectious Diseases</i> <i>Dermatology</i>	5 (2,5/2,5)	3	Neurology and Neurosurgery II/II <i>Neurology</i> <i>Neurosurgery</i>	5
4	General Paediatrics and Neonatology II/II <i>General Paediatrics</i>	5 (5/0)	4	Clinical Practical Skills Development II/II	10
5	Laboratory Medicine	5			

Year 5					
Semester 9			Semester 10		
	Course Unit Title	ECTS credits		Course Unit Title	ECTS credits
1	Nephrology and Urology <i>Nephrology</i> <i>Urology</i>	5 (3/2)	1	Medical Ethics, Medical Law, Forensic Medicine <i>Medical Ethics</i> <i>Medical Law</i> <i>Forensic Medicine</i>	5 (2/1/2)
2	Reumatology and Endocrinology <i>Reumatology</i> <i>Endocrinology</i>	5 (2,5/2,5)	2	Internal Diseases, Family Medicine, Haematology, Geriatrics <i>Internal Diseases</i> <i>Family Medicine</i> <i>Haematology</i> <i>Geriatrics</i>	10 (3/2/3/2)
3	Clinical Genetics and Bioinformatics	5			
4	Adult, Child and Adolescent Psychiatry and Psychotherapy	10	3	Children Diseases and Surgery II/II <i>Children Diseases</i>	5
5	Children Diseases and Surgery I/II <i>Children Diseases</i> <i>Children Surgery</i>	5 (3/2)	4	Critical Care Medicine, Transfusiology and Toxicology	5
			5	Clinical Pharmacology; Emergency Medicine <i>Clinical Pharmacology</i> <i>Emergency Medicine</i>	5 (3/2)

Year 6			
Semester 11		Semester 12	
Internship and Preparation of Final Thesis I/II	30	Internship and Preparation of Final Thesis II/II	20
		Internship Examination	3
		Final Thesis Defence	2
		Final Examination	5

GRADUATION REQUIREMENTS

There are three State Graduation Exams for the study programme Medicine – Surgery, Internal Medicine, Women’s and Child diseases.

ADMISSION REQUIREMENTS AND SELECTION CRITERIA

The applicants must satisfy the following requirements to be considered for admission:

Must have the results of one of the following tests:

- SAT Subject Test in Biology E/M MIN score: 600. SAT exam is taken at home country or any other country where the test is offered. Click here for further information.
- MCAT Test MIN score: 500. MCAT exam is taken at home country or any other country where the test is offered. Click here for further information.

SAT Subject Test in Biology or MCAT Test is required even for those applicants whose countries of residency do not offer the tests.

SAT Subject Test in Biology and MCAT scores are valid for two years.

Applicants applying through the agencies that VU are in cooperation with, including MediStart, StudiMed, MD International and ISRAMED4U, are not obliged to take SAT Subject Test in Biology or MCAT Test.

- Completion of Biology (or Natural Science/Science) course at the secondary education level is compulsory.
- Completion of either Physics, Mathematics or Chemistry course at the secondary education level is an advantage;
- Applicants who have completed a Premed study programme can apply with completion of either Biology or Chemistry/Physics at the secondary education level. Please submit your Premed Diploma when applying. Please note that not all Premed courses will be accepted. This will be evaluated by the Admission Office and the Faculty. It will also be individually decided if additional SAT/MCAT test is required.
- Applicants who have graduated from Biomedical Sciences/Health Sciences can apply with completion of either Biology or Chemistry/Physics at the secondary education level. Please submit your diploma and transcripts when applying. It will also be individually decided if additional premed courses or SAT/ MCAT test is required.
- English language proficiency. TOEFL score: 65+ (internet-based) or IELTS score: 5.5+. Applicants taking SAT Subject Test in Biology are not required to submit any additional English language proficiency document.
- Online interview (only for the selected candidates).

Please note: Internship is integrated into the curriculum of Medicine study programme and is an obligatory step of the programme, however, students are free to choose where to complete the internship – in Lithuania or other country. Those who are willing to do their internships in Lithuania are required to have at least B1 level in Lithuanian Language. B1 level in Lithuanian Language is also required when applying for license of health care professionals. Lithuanian Language course is an optional course in Medicine/Dentistry study programme and is available for all who are willing to choose it.

Accepted students will be required to study the Lithuanian language, which will be a part of their curriculum.

EXAMINATION AND ASSESSMENT REGULATIONS

The main form of evaluation is an examination. However, courses units may be evaluated by the pass/fail evaluation as well. Every course unit is concluded with either a written or written-oral examination or pass/fail evaluation. Student's knowledge and general performance during the exam are evaluated using grading scale from 1(very poor) to 10 (excellent) or by pass or fail evaluation in the cases when pass/fail evaluation is foreseen as a final evaluation of the course unit.

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