

### Description of the degree programme MEDICINE

Title of the degree programme	National code of the programme
Medicine	601A30001

Higher education institution(s), department(s)	Language(s) of instruction
Vilnius University, Faculty of Medicine, M.K. Čiurlionio g. 21, 03101, Vilnius	Lithuanian and English

Kind of study	Cycle	Qualification level according to the LCS
University studies	Integrated (stages I and II)	VII

Mode of study and length of the programme in years	Length of the programme in credits	Total student's workload in hours	Contact work hours	Independent work hours
Full-time, 6 years	360	9600	6100	3500

Study area	Main field (branch) of the programme	Related field (branch) of the programme
Biomedical sciences	Medicine	

Degree and/or qualification awarded (if any)
Qualification degree of a master of medicine and professional qualification of a doctor

Programme director	Contact information of the director
Chairperson of the Degree Programme Committee, Prof. J. Šipylaitė	Anaesthesiology and Reanimathology Clinic, e-mail jurate.sipylaitė@mf.vu.lt

Accreditation organisation	Accredited until
Centre for Quality Assessment in Higher Education	31 December 2020

Purpose of the programme
The purpose of the medical programme is to train doctors that meet the requirements recognised by the European Union and World Health Organisation. Graduates of the medical programme are awarded the doctor's qualification certifying their readiness for further professional studies in the residency of the selected specialisation.

Profile of the programme		
Study content: discipline(s)/subject area(s)	Orientation of the programme	Distinctive features of the programme
Courses in fundamentals of studies 31% Clinical courses and practical training 58% Courses of general university education 11 %	Professional	Work in small groups, early contact with patients, possibility to acquire practical skills in stimulator classes. Possibility to take programme courses both at the departments of the faculty and other units of the university (e.g. faculties of chemistry, physics, natural sciences, etc.) employing specialists of the highest qualification.

Admission requirements	Specific arrangements for recognition of prior learning
Education requirements for entrants 1. At least secondary education is required for admission. 2. Profile courses: biology or chemistry, or mathematics and Lithuanian language.	Yes, in accordance with the legal acts of the Republic of Lithuania and Vilnius University.

Access to further studies
1. Seek the qualification of a specialist under post-diploma studies 2. Carry out scientific research in theoretical fields of biomedical science, apply to the doctoral studies of theoretical

courses.

**Access to professional activities**

Independent work guided by the medical doctor's standard.

Teaching and learning methods	Assessment methods
Lectures, seminars (teaching in small groups), practical tasks, laboratory tasks, practical training, internship Consultations, online / distance learning	The assessment is made on a 10-point scale quiz orally and in writing (including specially prepared tests), solutions to theoretical clinical situations (long and short clinical cases), written examination

Generic competences		Programme learning outcomes At the end of the study programme graduate will be able:
1.	Professional qualities	to act fairly and according to ethical obligations, apply good medical practice principles at work, be emphatic, to think critically and self-critically, be creative, take the initiative, to communicate with others
2.	Professional activities	to make an assessment within the scope of one's competence and, if necessary, ask for help, to act in new situations and adapt to them, to act independently, to solve problems, to make judgements, to work with specialists of other fields, to organise and plan
3.	Expert doctor's activities	to analyse and synthesize, to learn, including independent life-long learning, to use knowledge in practice, to teach others, to carry out scientific research
4.	Doctor in a broad context	to understand the diversity and multiculturalism of the environment, to understand and take account of customs of other cultures, to work in an international context, to communicate in other foreign languages, to seek general knowledge outside the field of medicine
Subject-specific competences		Programme learning outcomes At the end of the study programme graduate will be able:
5.	Consultations to patients	to take a history, carry out physical examination, make clinical judgements and decisions, provide explanations and advice, reassurance and support to patients, to assess the mental state of patients
6.	Assessment of clinical signs, ordering tests, differential diagnostics and preparation of the monitoring plan:	to recognise and assess the severity of clinical signs, order required tests and interpret their results, carry out differential diagnostics, prepare the relevant patient monitoring plan and discuss it with the patient and nurses (guardians), to provide care for the dying and their families, manage chronic illness
7.	Provision of emergency medical aid, including first aid and resuscitation	to be able to recognise and assess critical health conditions, treat critical health conditions, provide first aid, resuscitate and support main life functions according to current European standards; support all life functions according to current European standards; treat injuries according to current European standards

<b>8.</b>	Administration of treatment:	To be able to administer adequate and appropriate treatment, combine the relevant medicines and other treatment methods in the clinical context; assess the appropriateness and potential benefit and harm of medicines and other treatment methods; alleviate pain and stress situations
<b>9.</b>	Carrying out the procedures:	Be able to measure arterial blood pressure; puncture a vein; insert a catheter into the peripheral vein; administer intravenous therapy and use infusion tools, make percutaneous and muscle injections; apply oxygenotherapy; transport and take care of patients; stitch wounds; transfuse blood and its components; catheterise the urinary bladder; take a urinary test; record an ECG; know the main assessment tests of breathing functions
<b>10.</b>	Efficient communication in medical practice	Be able to communicate with patients, colleagues, with relatives of patients, disabled people; to communicate on telling bad news, to communicate with patients during completion of consent forms, to communicate in writing (as well as completion of case history), in case of aggressive behaviour
<b>11.</b>	Application of ethical and legal principles in medical practice:	Be able to maintain confidentiality, apply ethical principles in clinical practice, complete informed consent forms, issue a death certificate, complete a request for autopsy
<b>12.</b>	Assessment of psychological and social aspects of patient disease:	Be able to assess psychological, social factors and impact on disease episode, to identify potential stress related to the disease, identify the impact of alcohol and other harmful factors, addictions
<b>13.</b>	Application of evidence-based medical principles, skills and knowledge:	Be able to use scientifically-based evidence in practice, search for the relevant literature, critically assess published medical literature
<b>14.</b>	Efficient use of information and information technologies in medical practice:	Be able to properly and completely keep and store medical documentation, use computers, search for sources of literature, store and update information
<b>15.</b>	Ability to apply scientific principles, methods and knowledge in medical practice and research	Ability to apply scientific principles, methods and knowledge in medical practice and research
<b>16.</b>	Advocacy of healthy lifestyles, addressing public health problems and efficient work within the health care system:	Be able to provide care to the patient which reduces the risk of injuries, use protective measures preventing the spread of infections, assess own health condition and ensure that the health condition will not interfere with professional activities, practice medicine according to current regulation and certification of the profession, receive and provide professional assessment, to make competent professional choices, to have a clear public position in improving personal and public health situation

**MEDICAL DEGREE PROGRAMME PLAN (full-time studies)**  
**(LINKS OF COURSE UNITS WITH COMPETENCES AND LEARNING OUTCOMES)**

Course units by subject area	Credits	Total student's workload	Contact work	Independent work	Degree programme competences															
					Generic competences				Subject-specific competences											
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
					Programme learning outcomes															
					1.1	2.1	3.1	4.1	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.1	16.1
<b>YEAR I</b>	<b>60</b>	<b>1600</b>	<b>1000</b>	<b>600</b>																
<b>SEMESTER 1</b>	<b>30</b>	<b>800</b>	<b>500</b>	<b>300</b>																
Human anatomy, part I	5	134	84	50	x	x	x	x		x	x		x				x			
Human histology, part I	3	64	34	30	x	x	x			x			x				x			
Human biology	3	80	50	30									x				x			
Physics and information technologies	5	134	84	50		x	x						x					x		
Introduction to studies of Medicine	3	80	50	30	x			x												
Latin language	3	80	50	30		x		x												
Foreign language, part I	4	114	74	40		x		x												
General and bioorganic chemistry	4	114	74	40	x	x		x					x							
<b>SEMESTER 2</b>	<b>30</b>	<b>800</b>	<b>500</b>	<b>300</b>																
Human anatomy, part II	5	136	96	40	x	x	x	x		x	x		x				x			
Human histology, part II	4	108	80	28	x	x	x			x			x				x			
Biochemistry, part I	3	86	66	20	x	x				x			x				x	x		
General and human genetics	3	82	52	30	x	x	x		x	x			x				x	x		
Foreign language, part II	4	114	74	40		x		x												
Psychology	3	80	50	30	x	x		x	x							x				
Language culture	3	80	34	46				x	x					x	x					
BUS	5	114	48	66																
<b>YEAR II</b>	<b>60</b>	<b>1600</b>	<b>958</b>	<b>642</b>																
<b>SEMESTER 3</b>	<b>30</b>	<b>800</b>	<b>460</b>	<b>340</b>																
Human anatomy, part III	7	178	108	70	x	x	x	x		x	x		x				x	x	x	
Human histology, part III	3	76	36	40	x	x	x	x		x			x				x	x		
Human physiology, part I	5	146	96	50	x	x	x	x		x	x		x					x		
Biochemistry, part II	7	168	120	48	x	x				x		x	x				x	x		

	Research methods and biostatistics	3	90	50	40		x		x	x						x			x	x					
	BUS	5	142	50	92																				
<b>SEMESTER 4</b>		<b>30</b>	<b>800</b>	<b>498</b>	<b>302</b>																				
	Human physiology, part II	5	130	100	30	x	x	x	x		x	x							x	x	x				
	Microbiology, part I	6	158	98	60	x	x	x	x		x								x	x	x				
	Applied anatomy	3	90	60	30	x	x	x	x		x								x	x					
	Public health	5	134	74	60	x	x												x			x			
	General medicine propedeutics and fundamentals of nursing, part I	6	128	98	30	x	x	x		x	x	x										x			
	BUS	5	144	52	92																				
<b>YEAR III</b>		<b>60</b>	<b>1600</b>	<b>1066</b>	<b>534</b>																				
<b>SEMESTER 5</b>		<b>30</b>	<b>800</b>	<b>516</b>	<b>284</b>																				
	Pathology, part I	10	250	166	84		x	x			x										x	x			
	Microbiology, part II	3	86	66	20	x	x	x			x										x	x			
	Pharmacology, part I	3	88	58	30	x	x	x						x	x						x	x			
	General medicine propedeutics and fundamentals of nursing, part II	5	134	74	60	x	x	x		x	x	x									x				
	Fundamentals of radiology	3	80	50	30	x	x	x			x	x									x	x	x		
	General surgery	3	82	52	30	x	x	x			x										x	x			
	Fundamentals of professional communication and psychosomatics	3	80	50	30	x	x				x										x	x	x		
<b>SEMESTER 6</b>		<b>30</b>	<b>800</b>	<b>550</b>	<b>250</b>																				
	Pathology, part II	8	206	146	60		x	x			x											x	x		
	Pharmacology, part II	4	104	58	46	x	x	x						x	x							x	x		
	General pediatrics and neonatology, part I	3	80	50	30	x	x			x	x	x	x								x				
	Anaesthesiology and reanimatology	3	80	50	30	x	x	x			x	x	x									x	x		
	Fundamentals of clinical oncology and cancer biology	4	118	98	20	x	x				x	x									x	x	x		
	Traumatology, orthopaedics and plastic reconstructive surgery	5	138	98	40	x	x	x			x	x	x									x	x		
	Clinical radiology	3	74	50	24	x	x				x											x	x	x	
<b>YEAR IV</b>		<b>60</b>	<b>1600</b>	<b>936</b>	<b>664</b>																				
<b>7 SEMESTRAS</b>		<b>30</b>	<b>800</b>	<b>524</b>	<b>276</b>																				
	Gastroenterology and abdominal surgery, part I	5	148	98	50	x	x	x			x	x										x	x	x	x

	Neurology and neurosurgery, part I	6	158	98	60	x	x	x		x	x	x	x		x	x		x	x	x	x
	Obstetrics, part I	4	104	74	30	x	x	x		x	x		x		x	x		x	x	x	x
	Dermatovenerology and allergology	6	158	98	60	x	x	x		x	x		x		x	x		x	x	x	x
	General pediatrics and neonatology, part II	6	154	98	56	x	x	x		x	x	x	x		x	x		x	x	x	x
	Infectious diseases and epidemiology, part I	3	78	58	20	x	x	x		x	x		x		x	x		x	x	x	x
<b>SEMESTER 8</b>		<b>30</b>	<b>800</b>	<b>412</b>	<b>388</b>																
	Infectious diseases and epidemiology, part II	6	150	64	86	x	x	x		x	x		x		x	x		x	x	x	x
	Obstetrics, part II	6	154	74	80	x	x	x		x	x	x	x		x	x		x	x	x	x
	Neurology and neurosurgery, part II	3	90	50	40	x	x	x		x	x	x	x		x	x		x	x	x	x
	Gastroenterology and abdominal surgery, part II	6	154	74	80	x	x	x		x	x	x	x		x	x		x	x	x	x
	Endocrinology	3	82	50	32	x	x	x		x	x		x		x	x		x	x	x	x
	Children infectious diseases	3	90	50	40	x	x	x		x	x		x		x	x		x	x	x	x
	Rehabilitation and Physical Medicine	3	80	50	30	x	x	x		x	x		x		x	x		x	x	x	x
<b>YEAR V</b>		<b>60</b>	<b>1600</b>	<b>1114</b>	<b>486</b>																
<b>SEMESTER 9</b>		<b>30</b>	<b>800</b>	<b>542</b>	<b>258</b>																
<b>Privalomieji dalykai (moduliai)</b>		<b>30</b>	<b>800</b>	<b>542</b>	<b>258</b>																
	Ear, nose and throat diseases	4	120	74	46	x	x	x		x	x		x		x	x		x	x	x	x
	Gynaecology	5	138	98	40	x	x	x		x	x		x		x	x		x	x	x	x
	Clinical laboratory diagnostics	4	114	74	40	x	x	x		x	x		x		x	x		x	x	x	x
	Cardiology, cardiovascular surgery, part I	4	100	74	26	x	x	x		x	x		x		x	x		x	x	x	x
	Pulmonology, phthiisiatry and thoracic surgery	7	176	122	54	x	x	x		x	x		x		x	x		x	x	x	x
	Medicine of critical conditions, transfusiology and toxicology, part I	3	76	50	26	x	x	x		x	x	x	x		x	x	x	x	x	x	x
	Medical ethics	3	76	50	26	x	x	x	x						x	x			x		x
<b>SEMESTER 10</b>		<b>30</b>	<b>800</b>	<b>572</b>	<b>228</b>																
	Psychiatry, child and adolescent psychiatry, psychotherapy	8	210	154	56	x	x	x		x	x		x		x	x		x	x	x	x
	Forensic medicine	3	80	50	30	x	x	x		x	x		x		x			x	x	x	x
	Nephrology and urology	5	150	122	28	x	x	x		x	x	x	x		x	x		x	x	x	x
	Medicine of critical conditions, transfusiology and toxicology, part II	3	76	50	26	x	x	x		x	x	x	x		x	x	x	x	x	x	x
	Rheumatology and gerontology	4	98	74	24	x	x	x		x	x		x		x	x		x	x	x	x
	Cardiology, cardiovascular surgery, part II	7	186	122	64	x	x	x		x	x		x		x	x		x	x	x	x
<b>YEAR VI</b>		<b>60</b>	<b>1600</b>	<b>1026</b>	<b>574</b>																

<b>SEMESTER 11</b>		<b>30</b>	<b>800</b>	<b>580</b>	<b>220</b>																
	Children diseases, children surgery*	7	198	170	28	x	x	x		x	x	x	x		x	x		x	x	x	x
	Clinical genetics	3	80	50	30	x	x	x		x	x		x		x	x		x	x	x	x
	Eye diseases	4	104	74	30	x	x	x		x	x		x		x	x		x	x	x	x
	Social medicine, Health law and economics	5	136	98	38	x	x	x	x									x	x	x	x
	Differential diagnostics of general medicine, haematology and family medicine*	8	202	146	56	x	x	x		x	x		x		x	x	x	x	x	x	x
	Clinical pharmacology, drug registration and safety of use	3	80	42	38	x	x	x					x		x			x		x	
<b>SEMESTER 12</b>		<b>30</b>	<b>800</b>	<b>446</b>	<b>354</b>																
	Integrated internship and scientific work	24	636	438	198	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x
	Internship and scientific research report	3	82	4	78																
	Final examination	3	82	4	78																