

Informacje ogólne o kierunku studiów

Nazwa kierunku studiów	LEKARSKI - English Division
Poziom kształcenia	jednolite studia magisterskie
Liczba semestrów i liczba punktów ECTS konieczna do ukończenia studiów na danym poziomie	12; 363 ECTS
Profil kształcenia	ogólnoakademicki
Formy studiów	stacjonarne/niestacjonarne
Tytuł zawodowy uzyskany przez absolwenta	lekarz
Poziom Polskiej Ramy Kwalifikacji	VII

General information about the field of study

Name of field of study	Medical – English Division
The level of education	Uniform Master's studies
The number of semesters and the number of ECTS points necessary to complete studies at a given level	12; 363 ECTS
Education profile	Generally academic
Forms of study	Full-time
Professional title obtained by the graduate	lekarz
Polish Qualifications Framework level	VII

Subject	ECTS	Total number of hours	I year						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours								
			lectures	seminars	exercises	laboratories	practical training	self-study			
Gross Anatomy with Neuroscience	18	208	58		30	120			Exam	The purpose of teaching the anatomy is to make the student familiar with the structure of the human body, its variability, topographical layout and visualization in various imaging techniques.	1.1.1.,1.3.5.,1.3.7.,A.U3.,A.U4.,A.U5.,A.W1.,A.W2.,A.W3.,
Biophysics	5	60	22	5	12	21			Exam	Physical laws of blood flow, transport processes, thermodynamics, bioenergetics, biopotentials, physical aspects of hearing and seeing, basics of medical imaging, interactions of ionizing radiation with matter.	1.2.8.,1.2.9.,1.3.5.,1.3.8.,B.U1.,B.U2.,B.U9.,B.W20.,B.W3.,B.W5.,B.W6.,B.W7_1,B.W7_2,B.W8.,B.W9.,F.W10.,
Molecular Biology	1	20	10	10					Credit with grade	The course provides information describing how genetic information is stored, expressed and translated. It also presents the most important applications of molecular biology in medicine and pharmacy.	1.1.5.,1.2.9.,B.U12.,B.W13.,B.W14.,B.W17.,B.W18.,B.W29.,C.W10.,C.W42.,
Medical Chemistry	4	45	15	8	5	17			Exam	This course develops the understanding of chemical structures and elementary biochemical processes that take place in the human body, and their medical applications related to pathophysiology, pharmacology and dietary issues.	1.1.5.,1.2.5.,1.2.6.,1.2.8.,1.2.9.,1.3.10.,1.3.5.,1.3.7.,1.3.8.,1.3.9.,A.W4.,A.W5.,B.U13.,B.U3.,B.U4.,B.U5.,B.U8.,B.U9.,B.W1.,B.W10.,B.W11.,B.W12.,B.W13.,B.W14.,B.W16.,B.W17.,B.W2.,B.W23.,B.W25.,B.W29.,B.W3.,B.W4.,C.W15.,C.W39.,C.W43.,C.W47.,C.W48.,D.U16.,D.U17.,D.W18.,E.U33.,
Nursing Care Activities	1	10	2			8			Credit with grade	Basic rules of injections (intravenous, intramuscular, subcutaneous and venous catheters' placement) Vital signs assess (Pulse, BP, Resp, Temp);	1.3.1.,1.3.2.,1.3.3.,1.3.5.,1.3.8.,1.3.9.,E.U29_2,E.U29_5,E.U29_7,F.U3.,F.U5.,

Embryology	2	30	8	10	6	6			Credit with grade	The study process refers an early human development, structure and functions of the fetal membranes and the basic elements of organs and systems development which provides for understanding adult anatomy and histology and birth defects.	A.U5.,A.W1.,A.W6.,
Hygiene	1	15	5		2	8			Credit with grade	During the course, the issues of factors strongly influencing the quality of life and human health, i.e. hearing hygiene and visual hygiene with elements of mental health hygiene as well as food and nutrition hygiene, will be discussed.	1.1.4.,1.2.4.,1.3.6.,C.W15.,C.W20.,C.W44.,C.W45.,C.W46.,C.W48.,C.W50.,D.U9.,D.W13.,E.U9.,E.W15.,E.W22.,
Histology with Cell Physiology	10	102	24		16	62			Exam	Microscopic structure of tissues and organs. Structural basis of the functioning of tissues and organs. Ultrastructure and basic functions of a eukaryotic cell. Cell cycle, cell differentiation and proliferation.	A.U1.,A.U2.,A.U5.,A.W1.,A.W4.,B.W1.,B.W10.,B.W11.,B.W12.,B.W13.,B.W14.,B.W17.,B.W18.,B.W19.,B.W20.,B.W21.,B.W23.,B.W25.,B.W26.,B.W29.,C.W21.,C.W22.,C.W26.,C.W48.,C.W49.,C.W51.,
History of Medicine with Elements of Philosophy	2	30	10	20					Credit with grade	Sources for the history of medicine; development processes and key events in the subsequent periods: Antiquity, Middle Ages, Modernity, 19th century, 20th century; medicine in Gdańsk.	1.2.5.,1.3.1.,1.3.5.,D.U13.,D.U14.,D.U17.,D.W19.,D.W20.,D.W21.,D.W22.,
Informatics and Biostatistics	2	30		6		24			Credit with grade	The content of the course covers the methodology of using the IT and statistical tools as applied to the matter of biomedical sciences.	1.1.5.,1.2.5.,1.2.9.,1.3.10.,1.3.7.,B.U10.,B.U11.,B.U12.,B.W26.,B.W27.,B.W28.,B.W29.,D.U17.,D.W18.,D.W23.,G.W8.,
Basic Polish 1	4	60			60				Credit with grade	Greeting, introducing, numbers, personal information, nationalities, professions, family members, verbs - present forms, food and drinks, transport, days of the week, colours, adjectives (shape, size, quality), time expressions.	1.2.5.,1.2.8.,1.3.1.,1.3.5.,D.U12.,
Introduction to Emergency Medicine	2	30	10	5	3	12			Credit with grade	After this course student will be familiar with the management of life-threatening events, especially with cardiopulmonary resuscitation	1.3.5.,F.U10.,

Sociology of Medicine	1	26	14	12					Credit with grade	The classes will discuss problems related to the sociological concept: health and illness, the doctor-patient relationship, medical institutions.	1.1.4.,1.2.7.,1.3.1.,1.3.4.,D.U1.,D.U10.,D.U3.,D.W1.,D.W10.,D.W11.,D.W13.,D.W19.,D.W2.,D.W3.,D.W4.,D.W5.,D.W7.,D.W8.,
Safety and Good Work Practice		4	4						Credit	Lectures during safety training, students learn about the risk factors in the environment (biological, chemical, physical) accidents and potentially by accident situations, the issues of fire protection and first aid techniques.	E.U14.,F.U10.,F.U4.,F.W7.,
Information Literacy		2	2						Credit	Presentation of the Library regulations and the rules of using Library resources and services, mostly the ways of searching for and ordering literature needed during the studies.	1.3.7.,B.U10.,
Workshops in psychology. Training skills of coping with stress	1	15		15					Credit	1. Biological, behavioral and cognitive mechanisms of stress2. Recognizing effective and ineffective strategies of coping with stress3. Self-care: eg. time managing.4. Recreation, hobby and healthy habits	1.3.5.,1.3.6.,1.3.8.,D.U16.,D.U2.,D.U9.,D.W12.,D.W14.,
Electives subjects	2	30							Credit		
Vocational Practical Training in: Patient Care	4	120							Credit	Practical training as a nurse assistant in the hospital environment focuses on understanding of patient needs, developing interpersonal communication and empathy.	1.2.8.,1.3.1.,1.3.10.,1.3.2.,1.3.3.,1.3.5.,1.3.6.,1.3.8.,1.3.9.,D.W6.,E.U28.,E.U29.,E.U29_1,E.U29_2,E.U29_5,E.U29_6,E.U29_7,E.U29_9,E.U35.,E.U36.,F.U3.,F.U4.,F.U5.,F.U9.,

Additionally student may choose an interdisciplinary elective subject from the pool of POWER 3.5 faculties

Subject	ECTS	Total number of hours	II year						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours								
			lectures	seminars	exercises	laboratories	practical training	self-study			
Biochemistry	15	150	60	35	10	45			Exam	This course provides students with a basic understanding of the principles of biochemistry and metabolism and their relationship to medicine. A student will also learn research techniques in biochemistry, as well as the fundamentals of metabolomics.	1.1.1.,1.1.2.,1.1.5.,1.2.5.,1.2.6.,1.2.8.,1.2.9.,1.3.1.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,A.W4.,B.U10.,B.U13.,B.U3.,B.U5.,B.U6.,B.U8.,B.U9.,B.W1.,B.W10.,B.W11.,B.W12.,B.W13.,B.W14.,B.W15.,B.W16.,B.W17.,B.W2.,B.W20.,B.W21.,B.W23.,B.W25.,B.W26.,B.W29.,B.W3.,B.W4.,C.W11.,C.W15.,C.W31.,C.W36.,C.W40.,C.W48.,C.W49.,C.W50.,C.W51.,
Medical Ethics	1	10		10					Credit with grade	Presentation of the basic issues of medical ethics with a historical context of medical deontology.	1.1.4.,1.2.5.,1.2.7.,1.2.8.,1.3.1.,1.3.10.,1.3.2.,1.3.3.,1.3.9.,D.U13.,D.U15.,D.W10.,D.W16.,D.W17.,D.W18.,D.W19.,D.W5.,G.W11.,G.W5.,
Physiology	15	150	52	32	13	53			Exam	The objective of the course is to make students aware of physiological mechanisms securing normal function of the human organism, especially regulation processes and the involved structures and chemical agents.	1.1.1.,1.1.2.,1.1.4.,1.1.5.,1.2.5.,1.2.6.,1.2.8.,1.2.9.,1.3.5.,1.3.6.,1.3.7.,A.U1.,B.U7.,B.U9.,B.W1.,B.W17.,B.W2.,B.W20.,B.W21.,B.W22.,B.W23.,B.W24.,B.W25.,B.W3.,B.W7.,B.W7_1,B.W7_2,B.W7_3,B.W7_4,C.U20.,C.W29.,C.W49.,C.W50.,C.W51.,C.W6.,D.U12.,D.U13.,D.W12.,D.W23.,E.U29.,E.U9.,F.U26.,F.W9_1,F.W9_2,F.W9_5,
Basic Polish 2	4	60			60				Exam	Upgrading communicative skills, vocabulary and grammar to interact effectively in everyday situations (with cultural background). Verbs - present and past forms. Basic medical terminology (anatomy, hospital setting and pathology).	1.2.5.,1.2.8.,1.3.1.,1.3.5.,D.U12.,
Methodology of Scientific Research	1	10	5	5					Credit with grade	The subject would teach medical students basic understanding of current principles of scientific studies in biomedicine, including basic, applied and developmental (R&D) studies, as well as clinical trials.	1.1.5.,1.2.9.,1.3.10.,1.3.7.,B.U10.,B.U12.,B.U13.,B.W29.,D.U17.,D.W23.,

Microbiology	6	70	10	15	9	36			Exam	General and systematic microbiology in relation to individual groups of microorganisms (bacteria, viruses, fungi).	1.3.5.,1.3.7.,1.3.8.,A.U1.,C.U10.,C.U7.,C.U8.,C.U9.,C.W10.,C.W11.,C.W12.,C.W13.,C.W14.,C.W16.,C.W17.,C.W18.,C.W19.,C.W20.,C.W21.,C.W34.,C.W40.,
Parasitology	2	20	5	3		12			Credit with grade	Selected parasitic protozoa, helminths and ectoparasites; life cycles, pathways and doors of invasion, morphology, symptoms of infection, diagnostics, epidemiology of infections, infection prevention; arthropods as vectors of pathogens.	1.3.5.,1.3.7.,1.3.8.,A.U1.,C.U10.,C.U7.,C.U9.,C.W12.,C.W13.,C.W16.,C.W17.,C.W19.,
Basic Immunology	2	25	5	15	5				Credit with grade	The aim of the subject is to master the basic knowledge about the structure and function of the human immune system.	C.W21.,C.W22.,C.W24.,
Introduction to Internal Medicine 1	2	30		15	3	12			Credit with grade	Principles of conducting physical examination and taking the patient's history. Examination of the head, neck, breast, chest, abdomen.Taking blood pressure. Basics of ECG interpretation. Patient-doctor communication. Differential diagnosis.	1.3.1.,1.3.3.,1.3.6.,A.U3.,A.W3.,D.U13.,D.U15.,D.U16.,D.U5.,D.U6.,D.W17.,D.W18.,D.W4.,E.U1.,E.U29.,E.U29_1,E.U3.,E.U38.,E.U7.,F.U3.,F.U6.,
Introduction to Pediatrics 1	1	15	4	5		6			Credit with grade	Practical ability to take medical history and perform full physical examination, taking into account developmental differences in various age groups.The assessment of the child's development.	1.1.1.,1.3.1.,1.3.2.,1.3.5.,1.3.7.,A.U3.,D.U13.,D.W5.,E.U10.,E.U2.,E.U4.,E.U8.,E.U9.,
Psychology in Medicine	2	30	6	8	4	12			Credit with grade	The role of a psychologist in diagnosis, therapy and rehabilitation. The specificity of the functioning of the family (violence). Effective communication between the doctor and the patient.	1.2.7.,1.2.8.,1.3.1.,1.3.2.,1.3.9.,D.U10.,D.U11.,D.U2.,D.U5.,D.U8.,D.U9.,D.W10.,D.W11.,D.W15.,D.W18.,D.W3.,D.W6.,D.W7.,D.W9.,
Public Health	2	30	10	20					Credit with grade	Basics of public health, methods of describing population health, basic concepts of health promotion and disease prevention in the area of the mostcommon risk factors.	1.1.4.,1.3.6.,B.U10.,B.U12.,

Physical Education		60			60				Credit	Exercises to strengthen the postural muscles responsible for vertical posture, exercise of varying intensity including strength training, endurance, high-speed, and reducing body fat. Strengthening exercises and stretching various muscle groups.	1.1.1.,1.3.5.,1.3.6.,A.W2.,B.W23.,D.U2.,D.W12.,D.W14.,D.W15.,
Electives subjects	3	45							Credit		
Vocational Practical Training in: Primary Healthcare (Family Medicine - 90 hours), Temporarily Assistance (30 hours)	4	120							Credit	The practical vocational training is designed to learn Students basic family doctor pracedures and procedures at Emergency Medical Units. Students are expected to work as a nursing assistance for ambulatory service and aquire life saving skills.	1.1.1.,1.1.2.,1.1.4.,1.2.5.,1.2.6.,1.2.8.,1.3.1.,1.3.11.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,A.U3.,A.U5.,A.W1.,A.W2.,A.W3.,B.U7.,B.W1.,B.W23.,B.W25.,B.W28.,B.W8.,C.U20.,C.W12.,C.W13.,C.W15.,C.W18.,C.W19.,C.W20.,C.W27.,C.W29.,C.W33.,C.W50.,C.W51.,D.U12.,D.U13.,D.U15.,D.U16.,D.U17.,D.U2.,D.U4.,D.W10.,D.W11.,D.W14.,D.W17.,D.W18.,D.W19.,D.W2.,D.W3.,D.W6.,D.W8.,E.U20.,E.W18.,E.W30.,F.W15.,F.W3.,F.W7.,G.U8.,G.W1.,G.W11.,G.W4.,G.W5.,

Subject	ECTS	Total number of hours	III year						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours								
			lectures	seminars	exercises	laboratories	practical training	self-study			
Cardiological Diagnostics	1	10		4				6	Credit with grade	Noninvasive cardiac diagnostic methods: echocardiography, exercise test and ECG monitoring, anatomy repetition, example of several cases with differential diagnosis and ability to make a final diagnosis	1.1.1.,1.1.2.,1.1.3.,1.2.1.,1.2.3.,1.2.5.,1.3.1.,1.3.2.,1.3.6.,1.3.7.,1.3.8.,A.W1.,A.W2.,A.W3.,
Laboratory Diagnostics	3	50	5	11	22	12			Exam	Lectures, seminars and exercises aimed to get the knowledge about pathomechanisms of various disease states and laboratories with the practical possibilities of laboratory diagnostics.	1.1.3.,1.2.3.,1.3.5.,1.3.8.,B.U10.,B.W1.,B.W16.,B.W2.,C.U19.,C.U20.,C.W25.,C.W34.,C.W45.,C.W46.,C.W51.,C.W6.,E.U24.,E.U28.,E.U29_9,E.U34.,E.W24.,E.W39.,E.W40.,E.W41.,E.W7_4,E.W7_5,E.W7_6,E.W7_9,
Epidemiology	1	15		15					Credit with grade	Classes focus on contemporary challenges in epidemiology.The course will cover issues such as the importance of epidemiology in modern medicine andthe basics of designing epidemiological studies	1.3.2.,1.3.5.,B.U10.,B.U11.,B.U12.,B.U13.,B.W26.,B.W27.,B.W29.,C.W13.,C.W14.,D.U17.,E.W1.,E.W15.,G.W1.,G.W3.,
General and Clinical Pharmacology	11	130	38	42	50				Exam	General pharmacology. Prescribing (drug formulations, doses, frequency of dosing). Drugs used in CV diseases, metabolic psychiatric GI disorders, analgesics, antimicrobials and anticancer agents.Aspectes of clinical pharmacology	1.3.1.,1.3.10.,1.3.3.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,C.U13.,C.U14.,C.U15.,C.U16.,C.U17.,C.U18.,C.W35.,C.W36.,C.W37.,C.W38.,C.W39.,C.W40.,C.W41.,C.W42.,C.W43.,C.W44.,C.W45.,C.W46.,C.W47.,C.W48.,C.W51.,D.U7.,D.W13.,D.W18.,E.U1.,E.U15.,E.U17.,E.U18.,E.U19.,E.U20.,E.U31.,E.U33.,E.W10.,E.W19.,E.W43.,
Occupational Medicine	1	20		6	7			7	Credit with grade	Occupational medicine is the science of protecting the health of workers against the effects of factors harmful to health, occurring in the work environment or related to the way it is performed.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.1.5.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.5.,1.2.6.,1.2.7.,1.3.1.,1.3.3.,1.3.6.,1.3.7.,1.3.8.,A.W2.,C.W16.,C.W17.,C.W18.,



Pathophysiology	7	100	25	40	35				Exam	Pathophysiology is a discipline of medical teaching understanding of disease mechanisms in humans, starting from molecular to subcellular, cellular, tissue, organ, system and the organism as a whole, aiming at better diagnosis and treatment.	1.1.1.,1.1.2.,1.2.3.,B.W1.,B.W14.,B.W17.,B.W18.,B.W2.,B.W23.,B.W24.,B.W25.,C.U12.,C.U20.,C.W11.,C.W12.,C.W13.,C.W14.,C.W15.,C.W23.,C.W24.,C.W27.,C.W28.,C.W29.,C.W30.,C.W33.,C.W34.,C.W40.,C.W47.,C.W48.,C.W50.,D.W12.,E.U12.,E.U24.,E.W1.,E.W14.,E.W14_5,E.W14_6,E.W14_9,E.W23.,E.W3.,E.W3_1,E.W3_11,E.W3_2,E.W3_4,E.W3_6,E.W3_7,E.W34.,E.W7.,E.W7_1,E.W7_2,E.W7_4,E.W7_5,E.W7_6,E.W7_7,E.W7_8,E.W7_9,E.W8.,
Pathomorphology	14	160	40	85	26	9			Exam	The students should acknowledge the basic mechanisms of diseases and also be acquainted with the diagnostic methods used in pathology. The course will provide the information concerning definition, etiology, pathomechanisms and clinical course.	1.1.1.,1.1.2.,1.2.3.,1.2.5.,1.3.5.,1.3.6.,1.3.7.,C.U11.,C.U12.,C.W26.,C.W27.,C.W28.,C.W30.,C.W31.,C.W32.,C.W33.,C.W34.,E.U12.,E.W1.,
Introduction to Surgery	3	60	20	10	15		15		Credit with grade	Introduction to surgery is initial phase of Surgery Course on GUMed, during which students learn basic skills, like physical examination and history taking, necessary for continuation of Surgical Course	1.3.1.,1.3.2.,1.3.3.,1.3.5.,1.3.7.,1.3.9.,A.U4.,A.W1.,A.W3.,C.U11.,D.U11.,E.U1.,E.U3.,E.U7.,F.U12.,F.U2.,F.U21.F.W3.,G.W11.,G.W12.,G.W7.,G.W8.,
Introduction to Internal Medicine 2	4	68		15	11		42		Exam	Students are going to learn how to take the patients history and perform physical examination. They are going to learn most common signs and symptoms of diseases concerning cardiovascular, respiratory, abdominal, and endocrine systems.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.1.,1.2.2.,1.2.5.,1.2.6.,1.2.7.,1.2.8.,1.2.9.,1.3.1.,1.3.10.,1.3.11.,1.3.3.,1.3.5.,1.3.8.,A.U3.,A.W1.,A.W2.,A.W3.,B.U10.,B.U13.,B.W1.,B.W16.,B.W23.,C.U11.,C.W18.,C.W29.,C.W30.,C.W33.,C.W34.,D.U13.,D.U15.,D.U18.,D.U5.,D.W17.,D.W18.,D.W19.,D.W23.,D.W5.,D.W6.,E.U1.,E.U12.,E.U13.,E.U14.,E.U24.,E.U29.,E.U29_1,E.U29_2,E.U7.,E.W1.,E.W11.,E.W23.,E.W33.,E.W41.,E.W7.,E.W7_1,E.W7_2,E.W7_3,E.W7_4,E.W7_5,E.W7_9,F.W10.,F.W10_1,G.U2.,G.W11.,G.W5.,
Introduction to Neurology	2	30	8	10			12		Credit with grade	Our course provides detailed knowledge and understanding on the signs and symptoms of neurological disorders.	1.1.2.,1.1.3.,F.W13.,F.W13_1,F.W13_2,F.W13_3,F.W13_4,F.W13_5,F.W13_6,F.W15.,F.W6.,G.W7.,
Introduction to Oncology	1	15	15						Credit with grade	Biological basis of neoplasia. Molecular mechanisms of cancerogenesis. Symptomatology of cancer. Etiology of cancer.Cancer prevention. Epidemiology of neoplastic diseases.Basics of cancer diagnosis and treatment.	1.2.1.,1.2.3.,1.3.6.,E.W23.,E.W24.,E.W25.,E.W26.,E.W27.,

Introduction to Pediatrics 2	2	45	15	10			20		Credit with grade	Learning the practical skills of taking medical history, physical examination in children of all ages, planning and implementing diagnostic tests and differentiation diagnosis in the most common childhood diseases	1.1.1.,1.3.1.,1.3.2.,1.3.3.,1.3.5.,1.3.7.,1.3.8.,A.U3.,D.U13.,D.W5.,E.U10.,E.U12.,E.U13.,E.U14.,E.U16.,E.U2.,E.U24.,E.U27.,E.U29_1,E.U29_2,E.U38.,E.U4.,E.U7.,E.U8.,E.U9.,E.W1.,E.W2.,E.W3_1,E.W3_3,E.W3_5,E.W3_6,E.W3_7,E.W3_8,E.W34.,E.W6.,
Psychiatry 1	3	50	5	20	13		12		Credit with grade	pathogenesis, diagnosis, psychoeducation and pharmacotherapy of the patient with anxiety disorders, affective disorders, stress related and somatoform disorders	1.1.1.,1.1.2.,1.1.3.,1.2.1.,1.2.3.,1.3.1.,1.3.11.,1.3.8.,B.W23.,C.W44.,C.W45.,D.W10.,D.W12.,D.W13.,E.U5.,E.W14_5,E.W15.,E.W16.,E.W17.,E.W17_1,E.W17_2,E.W17_3,E.W17_4,E.W17_5,E.W17_6,E.W18.,E.W19.,E.W20.,E.W21.,E.W22.,
Clinical Nutrition	1	20	5	10			5		Credit with grade	Clinical, anthropometrical and biochemical assessment of nutritional status. Enteral and parenteral nutrition. Nutritional support in different clinical situations. Nutrition of elderly patients. Cancer cachexia. Obesity and overweight..	1.2.5.,1.2.7.,1.2.8.,1.3.1.,1.3.2.,1.3.3.,1.3.7.,C.W48.,C.W50.,D.U15.,D.U4.,E.U24.,E.U25.,
Electives subjects	2	30							Credit		
Vocational Practical Training in: Pediatrics (60 hours), Internal Medicine (60 hours)	4	120							Credit	Physical examination; interpretation of test results; diagnosing the basic diseases; principles of keeping medical records; basic medical procedures, sanitary and epidemiological regulations, prevention of hospital infections.	A.U3.,A.W2.,A.W3.,B.W1.,B.W2.,B.W25.,C.U11.,C.W33.,D.U12.,D.U18.,D.U5.,D.U6.,D.U7.,D.W1.,D.W13.,D.W14.,D.W15.,D.W4.,D.W5.,D.W6.,E.U1.,E.U14.,E.U24.,E.U3.,E.U38.,E.U4.,E.U7.,E.U8.,E.W2.,E.W34.,E.W37.,E.W38.,E.W6.,F.U10.,F.U11.,F.U5.,F.U6.,F.W2.,F.W7.,G.U5.,G.U6.,G.W12.,G.W2.,G.W3.,G.W4.,G.W7.,G.W8.,

Subject	ECTS	Total number of hours	IV year						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours								
			lectures	seminars	exercises	laboratories	practical training	self-study			
Patient Safety	1	10	10						Credit with grade	Quality in healthcare - regulations, factors, definitions. Liability. Medical errors monitoring. Human factors in patient safety. Multidisciplinary team working. ISO standards in healthcare	G.W11.,G.W16.,G.W17.,
Surgery 1	3	55	10	15				30	Credit with grade	Surgery 1 is a continuation of Introduction to Surgery course. During the course students will focus on general surgery aspects. They will learn basics of the clinical thinking,	1.1.1.,1.1.2.,1.1.3.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.3.1.,1.3.10.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U3.,A.U4.,A.U5.,A.W1.,A.W2.,A.W3.,C.U11.,D.U11.,D.U12.,D.U14.,D.U18.,D.U3.,D.U4.,D.U8.,E.U1.,E.U12.,E.U14.,E.U16.,E.U17.,E.U18.,E.U20.,E.U24.,E.U25.,E.U28.,E.U29_2,E.U3.,E.U32.,E.U35.,E.U38.,E.U7.,E.U9.,F.U1.,F.U12.,F.U2.,F.U3.,F.U4.,F.U5.,F.U7.,F.U9.,F.W3.,F.W4.,F.W5.,G.W16.,
Vascular Surgery	2	30	10	10				10	Credit with grade	Information about diagnosis and treatment of vascular diseases (diseases of peripheral, carotid arteries, aortic aneurysms, venous diseases). Treatment options will be discussed, including conservative, surgical and endovascular treatment.	1.1.2.,1.1.5.,B.W8.,E.W11.,E.W13.,E.W32.,
Internal Medicine - Gastroenterology	2	40	8	8				24	Credit with grade	Epidemiology, symptomatology, diagnosis and principles of treatment of main gastrointestinal and liver disorders.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.1.5.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.5.,1.2.6.,1.2.7.,1.2.8.,1.3.1.,1.3.10.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U3.,B.U10.,C.W49.,D.U15.,D.U16.,D.U17.,D.U4.,D.U8.,D.U9.,E.U1.,E.U11.,E.U13.,E.U14.,E.U15.,E.U16.,E.U17.,E.U18.,E.U19.,E.U20.,E.U21.,E.U24.,E.U29_6,E.U3.,E.U30_4,E.U32.,E.W23.,E.W7_3,
Internal Medicine - Cardiology 1	2	40	8	8				24	Credit with grade	The course covers diagnostics and therapy arrhythmology diseases, concerns issues related to bradycardia, tachycardia, electrotherapy and an ECG course. The course covers cardiological diseases - AF, CHF, cardiomyopathies, channelopathies, PH, PE.	1.1.3.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.5.,1.2.6.,1.2.7.,1.2.8.,1.2.9.,1.3.1.,1.3.2.,1.3.3.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U3.,B.U10.,B.U9.,C.U10.,C.W30.,C.W35.,C.W39.,D.U13.,D.U15.,D.W10.,D.W14.,D.W15.,D.W17.,D.W18.,D.W2.,D.W23.,D.W5.,D.W6.,E.U1.,E.U14.,E.U24.,E.U29_1,E.U29_2,E.U3.,E.U32.,E.U7.,E.W40.,E.W42.,E.W7_1,F.W10_1,F.W3.,F.W7.,

Internal Medicine - Hypertension and Diabetology	2	40	8	8			24		Credit with grade	Epidemiology, classification, rules of diagnosis for HT and DM. DM and HT pathophysiology. Diagnostic issues related to the assessment of hypertensive and diabetic patient. Treatment of hypertension and diabetes (latest guidelines).	1.1.2.,1.1.3.,1.3.11.,1.3.2.,1.3.3.,1.3.6.,B.U9.,C.U11.,C.W24.,C.W34.,C.W35.,C.W38.,C.W39.,C.W51.,D.U15.,D.U3.,D.U9.,E.U1.,E.U16.,E.U18.,E.U24.,E.U29.,E.U29_1,E.U29_9,E.U3.,E.U32.,E.W10.,E.W7_1,E.W7_4,G.U8.,G.W11.,G.W5.,
Internal Medicine - Nephrology	2	40	8	8			24		Credit with grade	The course focuses on knowledge of the pathophysiology, symptoms, diagnostics and therapy of renal diseases. Students practice history taking and physical examination, analyze clinical cases.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.7.,1.3.1.,1.3.2.,1.3.3.,1.3.4.,A.U3.,A.W1.,A.W4.,A.W5.,B.W1.,B.W16.,B.W19.,B.W2.,B.W23.,B.W24.,B.W3.,C.W12.,C.W21.,C.W26.,C.W27.,C.W28.,C.W3.,C.W34.,C.W35.,C.W37.,C.W44.,C.W48.,D.U13.,D.U15.,D.U5.,D.U6.,D.U7.,D.W17.,D.W5.,D.W6.,E.U1.,E.U12.,E.U13.,E.U14.,E.U16.,E.U20.,E.U24.,E.U25.,E.U29_1,E.U3.,E.U31.,E.U7.,E.U9.,E.W39.,E.W7_5,E.W7_9,G.U4.,G.U8.,
Dermatology and Venerology	4	60	20	10			30		Exam	Skin and sexually transmitted diseases discussed during lectures, seminars and practical training during the two weeks course.	1.3.1.,1.3.2.,1.3.3.,1.3.4.,1.3.6.,1.3.7.,1.3.8.,E.U28.,E.U3.,E.U30_7,E.U30_8,E.U32.,E.U35.,E.W35.,
Gynaecology and Obstetrics 1	4	60	15	15			30		Credit with grade	Physiology of pregnancy, prenatal care, multiple pregnancy (complications, treatment); delivery, post-term pregnancy; physiology of menstrual cycle; puberty and menopause; basis of GYN examination, anamnesis	1.1.1.,1.1.2.,1.1.3.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.3.1.,1.3.10.,1.3.2.,1.3.5.,1.3.6.,B.W22.,E.W24.,E.W36.,E.W5.,F.U1.,F.U13.,F.U14.,F.U15.,F.U16.,F.U17.,F.U18.,F.W5.,F.W9.,F.W9_1,F.W9_2,F.W9_3,F.W9_4,F.W9_5,F.W9_6,F.W9_7,
Immunology	2	30	10	10		10			Credit with grade	Immunodeficiencies; Organ-specific diseases; Systemic diseases; Allergic diseases; Immunotherapy; Transplantology; Vaccinations; Clinical Immunology Laboratory	1.2.5.,1.3.5.,C.U8.,C.W14.,C.W21.,C.W22.,C.W23.,C.W24.,C.W25.,C.W29.,C.W42.,C.W6.,E.W14_7,E.W3_11,E.W3_3,E.W34.,E.W39.,E.W40.,E.W41.,E.W7_2,E.W7_3,E.W7_4,E.W7_5,E.W7_6,E.W7_7,E.W7_8,F.W14.,
Cardiac Surgery	2	30	10	10			10		Credit with grade	During Cardiac Surgery course student is learning about current therapeutical options and recommendations for surgical treatment of diseases of the heart - coronary artery disease, heart valves, aortic aneurysms, and end-stage heart failure.	
Nuclear Medicine	1	20	15				5		Credit with grade	Isotope diagnosis of diseases of the following systems: bone and joint, respiratory, blood, digestive, urinary, nervous, endocrine. Isotope therapy of thyroid, cancer and joint diseases.	1.3.2.,B.U1.,B.U2.,B.W6.,B.W8.,
Emergency Medicine 1	4	60	30	10			20		Credit with grade	In this subject we concentrate on modern CPR. Treatment of patient in severe state: shock, multi-organ injuries, sepsis, poisoning, environmental threats, sudden threat of internal origin.	1.3.2.,1.3.4.,1.3.5.,F.U10.,F.U11.,F.U20.,F.U21.,F.U22.,F.U8.,F.U9.,F.W1_1,F.W1_4,F.W11_1,F.W11_4,F.W12_3,F.W12_4,F.W13.,F.W13_1,F.W16.,F.W7.,F.W8.,

Neonatology	2	30	10	4			16		Credit with grade	Anamnesis, physical examination. Routine treatment in the delivery room. Neonatal resuscitation. Feeding. Extrauterine adaptaion. Jaundice. Congenital maformations. Prematiruty & complications. Infant of a diabetic mother.	1.1.1.1.1.,1.1.2.,1.1.4.,1.2.2.,1.3.1.,1.3.11.,1.3.3.,1.3.8.,1.3.9.,A.U3.,B.U12.,B.U4.,B.U7.,B.W17.,B.W19.,B.W2.,B.W22.,C.U16.,C.U8.,C.W6.,D.U15.,D.W12.,F.U13.,F.U15.,
Neurosurgery	1	15	10				5		Credit with grade	To acquire the basic knowledge about patient examination, qualification to neurosurgical procedures, their principles and limitations, postoperative management and care of patients in the the Itensive Care Unit.	1.2.3.,1.3.2.,1.3.3.,1.3.4.,1.3.7.,A.U3.,C.W31.,D.U13.,D.U15.,D.U6.,D.W17.,D.W18.,D.W19.,D.W2.,D.W23.,E.U1.,E.U30_5,E.U30_6,E.U35.,E.U37.,E.W13.,E.W14.,E.W14_1,E.W14_2,E.W14_3,E.W14_5,E.W14_6,E.W14_8,E.W14_9,E.W15.,E.W28.,E.W29.,F.U1.,F.U2.,F.U3.,F.U4.,F.U9.,F.W13.,F.W13_1,F.W13_2,F.W13_3,F.W13_4,F.W13_5,F.W13_6,F.W15.,F.W4.,F.W5.,
Neurology	4	60	15	5			40		Exam	Students are prepare to react to acute neurological conditions, perform and interpret neurological examination, order diagnostic tests, propose possible therapeutic and prevention strategies basing on scientific (level of evidence) data.	1.2.1.,1.2.2.,1.2.4.,1.2.5.,1.2.6.,1.2.7.,1.2.8.,1.3.1.,1.3.10.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,B.U13.,C.U10.,C.U5.,D.U1.,D.U10.,D.U11.,D.U12.,D.U13.,D.U15.,D.U16.,D.U17.,D.U18.,D.U2.,D.U3.,D.U4.,D.U5.,D.U6.,D.U9.,E.U1.,E.U12.,E.U13.,E.U14.,E.U15.,E.U16.,E.U17.,E.U19.,E.U2.,E.U23.,E.U24.,E.U26.,E.U29_1,E.U29_2,E.U29_9,E.U3.,E.U30_1,E.U30_5,E.U31.,E.U32.,E.U35.,E.U37.,E.U38.,E.U4.,E.U5.,E.U7.,F.U10.,F.U11.,F.U21.,F.U22.,F.U3.,F.U9.,F.W1_3,F.W11_1,F.W11_5,F.W12_6,F.W13.,F.W13_1,F.W13_2,F.W13_3,F.W13_4,F.W13_5,F.W13_6,F.W15.,G.U2.,G.U4.,G.U5.,G.U7.,G.U8.,G.W1.,G.W17.,G.W2.,G.W3.,G.W7.,G.W8.,
Ophthalmology	4	60	15	25			20		Exam	Problems of patients with eye diseases treated in the Department of Ophthalmology and Ophthalmology Outpatient Department.	1.1.3.,C.W18.,F.W11.,F.W11_1,F.W11_2,F.W11_3,F.W11_4,F.W11_5,F.W3.,
Pediatrics 1	5	90	30	20			40		Credit with grade	seminars - discussion of basic issues of diagnosis and therapy in pediatrics; exercises and practical classes - practicing interview, physical examination and analyzing medical documentation, laboratory tests and other additional tests	1.3.1.,1.3.2.,1.3.3.,1.3.7.,A.U3.,B.W26.,C.W20.,C.W21.,C.W29.,C.W34.,C.W37.,C.W38.,C.W6.,D.U12.,D.U15.,D.U16.,D.W18.,D.W8.,E.U13.,E.U2.,E.U24.,E.U30_1,E.U30_2,E.U30_3,E.U30_4,E.U30_5,E.U30_6,E.U30_7,E.U30_8,E.U4.,E.U5.,E.U7.,E.W24.,E.W25.,E.W26.,E.W27.,E.W28.,E.W29.,E.W33.,E.W34.,E.W39.,E.W5.,E.W6.,F.U3.,F.W1_2,F.W1_3,F.W1_4,F.W10_1,F.W10_2,F.W10_3,F.W11_1,F.W6.,F.W7.,G.U7.,

Psychiatry 2	2	40	10	10			20	Credit with grade	Continuation of Psychiatry 1 course with focus on practical aspects of diagnosing and treatment of specific mental disorders including psycho- and pharmacotherapy.	1.1.2.,1.1.3.,1.1.4.,1.3.1.,1.3.4.,1.3.7.,B.W20.,B.W23.,C.W44.,C.W45.,D.U2.,D.U7.,D.W1.,D.W10.,D.W11.,D.W12.,D.W13.,D.W2.,D.W3.,D.W6.,D.W7.,E.U13.,E.U15.,E.U19.,E.U5.,E.U7.,E.W14.,E.W14_5,E.W15.,E.W16.,E.W17.,E.W17_1,E.W17_2,E.W17_3,E.W17_4,E.W17_5,E.W17_6,E.W18.,E.W19.,E.W20.,E.W21.,E.W22.,G.U7.,G.W15.,
Radiology 1	2	32	2	15			15	Credit with grade	1.principles, methodology, /contra/indications, preparation, limitations of: conventional radiography, ultrasound, CT, MRI 2.radiological anatomy 3.common pathologies in various imaging modalities with special focus on life threatening conditions	1.1.3.,1.2.3.,1.3.3.,1.3.9.,B.W8.,B.W9.,E.W14.,E.W14_9,E.W7_2,F.U7.,F.W10.,F.W10_1,F.W10_2
Rehabilitation	2	30	10				20	Credit with grade	Determining of the level and degree of dysfunctions, determining of indications and contraindications for physical therapy, physiotherapy and massage, stress tests, Rehabilitation in neurology, cardiology, pulmonology and musculoskeletal system.	1.3.1.,A.U3.,D.U7.,D.W18.,E.U1.,E.W1.,E.W11.,E.W12.,E.W14.,E.W14_2,E.W14_6,E.W14_7,E.W14_8,E.W31.,
Electives subjects	3	45						Credit		
Vocational Practical Training in: Surgery (2 weeks), Internal Medicine (2 weeks)	4	120						Credit	Training in surgery includes participating in the daily routine of a surgical departments. Training in internal medicine includes participating in the daily routine of a internal medicine departments.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.1.,1.2.2.,1.2.4.,1.3.1.,1.3.10.,1.3.11.,1.3.2.,A.W2.,A.W3.,D.U12.,D.U13.,D.U14.,D.U15.,D.U16.,D.U3.,D.U4.,D.U5.,D.U6.,D.U7.,D.W15.,D.W16.,D.W17.,D.W18.,D.W19.,D.W2.,D.W5.,D.W6.,D.W7.,D.W8.,E.U16.,E.U29_2.,E.U29_3,E.U29_4,E.U29_5,E.U29_6,E.U29_7,E.U29_8,E.U29_9,E.U3.,E.U30.,E.U30_2,E.U30_3.,E.U30_4,E.U30_6,E.U30_7,E.U32.,E.W10.,E.W11.,E.W7.,E.W7_1,E.W7_2,E.W7_3,E.W7_4,E.W7_5,E.W7_6,E.W7_7,E.W7_8,E.W7_9,F.U1.,F.U2.,F.U3.,F.U4.,F.U6.,F.W3.,F.W4.,F.W5.,

Subject	ECTS	Total number of hours	V year						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours								
			lectures	seminars	exercises	laboratories	practical training	self-study			
Anaesthesiology and Intensive Therapy	3	60	15	15				30	Exam	The course will approach students to basics of anaesthesia, critical care, perioperative medicine and pain management.	E.U14.,E.U37.,E.U7.,E.W29.,F.W15.,F.W4.,F.W5.,F.W6.,F.W7.,
Surgery 2	2	30	10	10				10	Credit with grade	Surgery 2 is a continuation of Surgery 1 course from IV th Year. Durring course students will focus on subspecialised types of General Surgery. They will improve clinical thinking in more holistic and complicated case analysis.	A.U3.,A.U4.,A.U5.,A.W1.,A.W2.,A.W3.,C.U11.,C.U3.,C.W17.,C.W19.,C.W37.,D.U11.,D.U12.,D.U14.,D.U18.,D.U3.,D.U4.,D.U6.,D.U8.,D.W5.,E.U1.,E.U12.,E.U14.,E.U16.,E.U18.,E.U20.,E.U24.,E.U25.,E.U28.,E.U29.,E.U3.,E.U32.,E.U35.,E.U38.,E.U7.,E.W28.,E.W29.,E.W9.,F.U1.,F.U12.,F.U2.,F.W14.,F.W15.,F.W3.,F.W4.,F.W5.,G.W10.,G.W12.,G.W14.,G.W18.,
Pediatric Surgery	2	30	10	5				15	Exam	Epidemiology, embryology, pathology, diagnostic approach and treatment of congenital malformations of alimentary tract, genitourinary system, respiratory tract and central nervous system. Trauma in children. Approach to a surgically ill child.	1.3.1.,1.3.3.,1.3.4.,1.3.5.,1.3.7.,1.3.8.,1.3.9.,A.W5.,B.W15.,E.U12.,E.U16.,E.U2.,E.U4.,E.U7.,E.W2.,E.W3.,10,E.W3.,3,E.W3.,5,E.W3.,6,E.W3.,7,E.W3.,8,F.U2.,F.U21.,F.U22.,F.U4.,F.W1.,F.W1.,2,F.W1.,3,F.W1.,4,F.W13.,1,F.W2.,
Oncological Surgery	1	15	5	4				6	Credit with grade	Teaching in the field of the basics of diagnostics and treatment of the most common cancers of the breast diseases. Students have contact with out-patients and the operated patients.	1.1.1.,1.2.1.,1.3.1.,
Internal Medicine - Allergology	2	30	10	5				15	Credit with grade	Diagnosis, therapy of allergy, immunotherapy, nicotine dependence, allergy to Hymenoptera, pulmonary and nasal function, asthma, anaphylaxis, allergic rhinitis and conjunctivitis, food and drug intolerance and allergy, angioedema and urticaria	1.1.2.,1.1.3.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.5.,1.2.6.,1.2.7.,1.2.8.,1.2.9.,1.3.1.,1.3.3.,1.3.5.,1.3.7.,1.3.9.,B.U10.,B.W21.,D.U3.,D.U4.,D.U6.,E.U1.,E.U14.,E.U16.,E.U18.,E.U20.,E.U24.,E.U29.,E.U29.,1,E.U29.,2,E.U29.,3,E.U30.,7,E.U30.,8,E.W7.,E.W7.,2,E.W7.,8,
Internal Medicine - Endocrinology	2	30	10	5				15	Credit with grade	Course consist of latest presentations on aspects of clinical endocrinology and areas that have undergone most recent changes. Emphasis is on clinical endo, information about basic anatomy, histopathology and biochemistry is included.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,A.W2.,A.W3.,B.W22.,B.W23.,B.W24.,B.W25.,C.W34.,C.W38.,C.W51.,D.W12.,D.W17.,D.W18.,D.W19.,D.W4.,E.W21.,E.W7.,4,F.W10.,1,

Internal Medicine - Haematology	2	30	10	5			15	Credit with grade	Content of the course provides informations concerning history taking and physical examination in patients with hematological diseases, interpretation of complete blood count, cover symptomatology, diagnostic criteria, therapeutic options.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.5.,1.2.7.,1.2.9.,1.3.1.,1.3.11.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U1.,A.U3.,A.U4.,A.U5.,A.W3.,A.W5.,B.U10.,B.U12.,B.U13.,B.U9.,B.W1.,B.W19.,B.W26.,B.W27.,B.W28.,B.W5.,B.W8.,B.W9.,C.U10.,C.U14.,C.U20.,C.U3.,C.U8.,C.U9.,C.W13.,C.W14.,C.W15.,C.W20.,C.W21.,C.W22.,C.W24.,C.W26.,C.W27.,C.W32.,C.W33.,C.W34.,C.W35.,C.W38.,C.W39.,C.W42.,C.W48.,C.W6.,C.W9.,D.U1.,D.U12.,D.U13.,D.U15.,D.U17.,D.U2.,D.U6.,D.U9.,D.W1.,D.W10.,D.W11.,D.W12.,D.W14.,D.W16.,D.W17.,D.W18.,D.W19.,D.W2.,D.W21.,D.W22.,D.W23.,D.W3.,D.W4.,D.W5.,D.W6.,D.W7.,D.W8.,D.W9.,E.U1.,E.U14.,E.U16.,E.U18.,E.U21.,E.U24.,E.U28.,E.U29_1,E.U29_2,E.U29_5,E.U29_9,E.U3.,E.U30.,E.U30_1,E.U30_6,E.U32.,E.U37.,E.U38.,E.U7.,E.W1.,E.W10.,E.W23.,E.W25.,E.W26.,E.W39.,E.W41.,E.W7_6,F.U10.,F.U11.,F.U6.,F.W7.,G.U8.,G.W8.,
Internal Medicine - Cardiology 2	2	30	10	5			15	Credit with grade	Knowledge of pathogenesis, symptoms and therapy in cardiology. Developed skills in history taking, physical examination in cardiac patients. Interpretation of basic investigations. Knowledge of current recommendations in cardiological treatment.	1.1.2.,1.2.2.,1.2.3.,1.2.5.,1.2.8.,1.3.1.,1.3.2.,1.3.3.,1.3.6.,A.W2.,A.W3.,B.U7.,B.W1.,B.W21.,B.W24.,B.W27.,B.W28.,C.U11.,C.U14.,C.W29.,C.W30.,C.W33.,C.W34.,C.W35.,C.W36.,C.W37.,C.W38.,C.W50.,D.U1.,D.U11.,D.U13.,D.U15.,D.U16.,D.U9.,D.W14.,D.W17.,D.W18.,D.W23.,E.U1.,E.U12.,E.U14.,E.U16.,E.U17.,E.U24.,E.U3.,E.U31.,E.U32.,E.U7.,E.W1.,E.W10.,E.W11.,E.W31.,E.W39.,E.W40.,E.W42.,E.W7_1,E.W7_2,F.U3.,F.W10_1,F.W10_3,F.W7.,G.W1.,G.W17.,G.W2.,
Internal Medicine - Pneumology	2	30	10	5			15	Credit with grade	1. Clinical symptoms, diagnosis and treatment of the most common respiratory diseases 2. Diagnostic methods used in the lung disorders - spirometry, bronchoscopy, imaging techniques 3. Aerosolotherapy 4. Oxygen therapy	1.1.1.,1.1.2.,1.2.1.,1.2.3.,1.2.5.,1.2.6.,1.2.8.,1.3.1.,1.3.11.,1.3.2.,1.3.3.,1.3.5.,1.3.7.,1.3.8.,A.U3.,A.U4.,A.W1.,A.W3.,B.W2.,C.U10.,C.U16.,C.W12.,C.W13.,C.W32.,D.W1.,D.W2.,D.W4.,D.W6.,D.W7.,E.U1.,E.U16.,E.U17.,E.U24.,E.U29_2,E.U29_3,E.U3.,E.U30_2,E.W1.,E.W24.,E.W27.,E.W39.,E.W7_2,E.W7_9,
Internal Medicine - Rheumatology	2	30	10	5			15	Credit with grade	Comprehensive rheumatological assessment, symptomatology and treatment of most common rheumatological diseases.	1.1.1.,1.1.2.,1.1.3.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,A.U3.,A.W1.,A.W2.,A.W3.,B.W25.,C.W23.,C.W28.,C.W39.,C.W48.,D.U17.,D.U5.,D.W10.,D.W14.,D.W17.,D.W7.,E.U1.,E.U16.,E.U17.,E.U24.,E.U3.,E.W29.,E.W30.,E.W31.,E.W39.,E.W40.,E.W7_7,F.W10_3,
Internal Medicine - Toxicology and Emergency States in Internal Medicine	2	30	10	10			10	Credit with grade	The course provides insight into principles of toxicology and management of patients with acute conditions in internal medicine.	1.3.1.,1.3.2.,1.3.6.,1.3.8.,B.W1.,B.W16.,B.W2.,B.W25.,B.W3.,C.U19.,C.W35.,C.W36.,C.W37.,C.W38.,C.W43.,C.W44.,C.W45.,C.W46.,D.U15.,D.W13.,D.W17.,D.W6.,E.U17.,E.U19.,E.U29_8,E.U33.,E.U34.,E.W18.,E.W22.,E.W6.,F.U22.,G.W18.,



Infectious and Tropical Diseases	3	60	22	22			16	Exam	The course covers clinical presentation, epidemiology, etiology, diagnosis, therapy and prevention of general infectious, parasitic and tropical diseases, including post-exposure prophylaxis and vaccinations.	1.1.2.,1.1.3.,1.1.4.,1.2.3.,1.2.4.,1.3.1.,1.3.3.,1.3.6.,1.3.7.,D.W1.,D.W10.,D.W17.,D.W2.,D.W23.,D.W5.,E.U26.,E.U27.,E.U30_5.E.W1.,E.W14_4,E.W3_9,E.W32.,E.W33.,E.W34.,E.W36.,E.W39.,
Ethics and Deontology	1	24	12	12				Credit with grade	Presenting of the most important selected issues of medical ethics and bioethics related to clinical and research work of a physician.	1.1.4.,1.1.5.,1.3.2.,1.3.3.,1.3.4.,D.U13.,D.U14.,D.U15.,D.W16.,D.W17.,D.W5.,G.W9.,
Practical Pharmacology	1	25	10	15				Credit with grade	The class program will contain a discussion of selected problems with treatment of the most common diseases and life threatening conditions.	C.W38.,C.W39.,E.W10.,E.W17_2,E.W17_3,E.W17_6,E.W25.,E.W27.,E.W27_1,E.W29.,E.W34.,E.W7_1,E.W7_2,E.W7_4,E.W7_5,E.W7_7,E.W7_8,F.W7.,
Gerontology and Geriatrics	2	30	10	5			15	Credit with grade	Comprehensive geriatric assessment, symptomatology and clinical course of most common diseases in the elderly, psychogeriatrics, complications of hospitalisation in elderly age, Frailty syndrom and sarcopenia, pharmacology, falls	1.2.1.,1.2.3.,1.2.4.,1.2.7.,1.2.8.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U3.,B.W23.,C.U14.,C.U15.,D.U15.,D.U16.,D.U4.,D.U5.,D.U6.,D.U9.,D.W4.,E.U1.,E.U13.,E.U14.,E.U16.,E.U17.,E.U18.,E.U19.,E.U24.,E.U29_2,E.U38.,E.U7.,E.W12.,E.W14_5,E.W19.,E.W8.,E.W9.,
Gynaecology and Obstetrics 2	2	60	20	10			30	Credit with grade	Pathology of pregnancy, diseases in pregnancy, disorders of fetal and placental development. Management of pregnancy pathology. Issues of infertility and gynecological disorders. Examination of the patient with gynecological and obstetric diseases.	1.1.2.,1.1.3.,1.2.1.,1.2.2.,1.2.3.,1.2.5.,1.3.1.,1.3.2.,1.3.3.,1.3.6.,B.W22.,C.U2.,E.U1.,E.U3.,E.U32.,E.W26.,E.W5.,F.U15.,F.U16.,F.U17.,F.U18.,
Palliative Medicine	2	30	5	10			15	Credit with grade	Knowledge and skills regarding management of symptoms in cancer and noncancer patients during the course of the disease and in the end of the life.	1.2.1.,1.2.7.,1.3.3.,D.U15.,D.U8.,E.U1.,E.U13.,E.U29_7,E.U30_4,E.U37.,E.W27_1,E.W27_3,E.W29.,
Family Medicine 1	2	30	5	10			15	Credit with grade	The course encompasses lectures, seminars, and practical classes addressing prevalent diseases seen in a family physician's practice.	1.3.8.,E.U12.,E.W38.,
Forensic Medicine	2	30	10	10		6	4	Exam	Thanatology. Post-mortem changes. External body examination and estimation of the time of death. Forensic autopsy. Forensic traumatology. Violent death. Child abuse and infanticide. Forensic toxicology. Forensic genetics.	1.1.4.,1.2.8.,1.3.10.,1.3.2.,1.3.3.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U5.,A.W1.,A.W2.,A.W3.,B.U1.,C.U19.,C.W1.,C.W15.,C.W26.,C.W43.,C.W44.,C.W45.,C.W6.,D.U10.,D.U12.,D.U16.,D.W18.,D.W3.,E.U15.,E.U28.,E.W14_9,E.W39.,E.W4.,F.W13.,F.W13_3,F.W15.,F.W16.,G.U7.,G.U8.,G.U9.,G.W12.,G.W13.,G.W14.,G.W15.,G.W16.,G.W17.,G.W18.,G.W7.,
Oncology	2	50	10	10			30	Exam	Cancer prevention and screening.Oncological patient diagnosis, treatment strategy, treatment side-effects management and follow-up of patients with cancer history.	E.W24.,E.W25.,E.W26.,

Organization and Economics in Health Care	1	20	10	10					Credit with grade	Lecture introduction to the functioning of the healthcare system, its organization, financing, regulations and structural aspects. Healthcare structures, organization, management and financing - case studies	G.W6.,
Orthopaedics and Traumatology	2	50	15	10				25	Exam	Common problems in orthopaedic surgery. Etiology, clinical and radiological diagnosis and treatment of musculo-skeletal diseases and injuries. Behaviour in the ward and in the operating theater.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.3.,1.3.2.,1.3.3.,A.U3.,A.U4.,A.U5.,A.W1.,A.W2.,A.W3.,E.U1.,E.U23.,E.U36.,E.U4.,E.W30.,F.U2.,F.U7.,F.U8.,F.W1.,F.W1_3,F.W1_4,F.W13_6,F.W3.,
Medical Jurisprudence	1	20	10	10					Credit with grade	Welfare state principles, the physicians' obligation for health status certification, legislation of the rules of assessing health and the rules of benefits for employee in his/her illness, other application of medical jurisprudence in healthcare.	1.3.10.,
Otolaryngology	3	60	15	15				30	Exam	Practical skills of otorhinolaryngological, audiological and otoneurological examination. Seminars contain main problems on head and neck diseases. During cadaver exercises cricothyroidotomy and tracheotomy is performed.	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.7.,1.3.1.,1.3.6.,1.3.8.,1.3.9.,A.U4.,A.U5.,A.W1.,A.W2.,A.W3.,A.W6.,B.W20.,B.W21.,B.W7.,B.W7_2,B.W7_3,C.U10.,C.U11.,C.U15.,C.W12.,C.W13.,C.W18.,C.W20.,C.W24.,C.W26.,C.W28.,C.W31.,C.W38.,D.U15.,D.W14.,D.W19.,E.U1.,E.U14.,E.U16.,E.U2.,E.U24.,E.U29.,E.U29_6,E.U3.,E.U30_4,E.U4.,E.U6.,E.W23.,E.W24.,E.W29.,E.W3_3,E.W34.,E.W7_8,F.U1.,F.U25.,F.U26.,F.U3.,F.U4.,F.U9.,F.W10.,F.W10_1,F.W12.,F.W12_1,F.W12_2,F.W12_3,F.W12_4,F.W12_5,F.W12_6,F.W13.,F.W2.,F.W5.,
Pediatrics 2	3	60	15	15				30	Credit with grade	seminars - discussion of selected specialistic issues in pediatrics, differential diagnosis and treatment, interesting clinical case analysis exercises - physical examination, interpretation of additional tests, medical records and procedures	1.2.1.,1.2.2.,1.2.3.,1.2.7.,1.2.8.,1.3.1.,1.3.2.,1.3.3.,1.3.4.,B.W2.,B.W24.,B.W9.,C.U1.,C.U10.,C.U2.,C.W5.,C.W50.,D.U13.,D.W5.,D.W6.,D.W7.,E.U10.,E.U11.,E.U14.,E.U2.,E.U25.,E.U27.,E.U29.,E.U29_1,E.U29_2,E.U30.,E.U30_1,E.U30_5,E.U30_6,E.U38.,E.U4.,E.U7.,E.U8.,E.U9.,E.W2.,E.W27.,E.W28.,E.W29.,E.W3.,E.W3_1,E.W3_10,E.W3_11,E.W3_2,E.W3_3,E.W3_4,E.W3_5,E.W3_6,E.W3_7,E.W3_8,E.W3_9,E.W30.,E.W31.,E.W33.,E.W34.,E.W37.,E.W6.,F.U12.,
Medical Law	1	20	15	5					Credit with grade	Patient's rights. Biolaw and bioethics. Medical malpractice. Medical evidence in litigation. Civil, criminal and professional liability in medical practice.	G.U5.,G.W10.,G.W11.,G.W5.,G.W6.,G.W7.,G.W8.,G.W9.,
Introduction to Dentistry	1	10	10						Credit with grade	General knowledge about diseases of the oral cavity, facial part of the skull and neck, basics of diagnosis and treatment and oncological prevention in the head and neck area.	1.1.1.,1.1.3.,A.W3.,

Radiology 2	2	30	5	10			15	Exam	1.Revision of the fundamentals of diagnostic-imaging techniques: CT, MRI, US, X-ray. 2.Analysis of radiological manifestation of common pathologies affecting nervous system, thorax, abdomen, pelvis, the skeletal system in various imaging modalities	1.1.1.,1.3.2.,B.U2.,B.W8.,E.U12.,E.W14.,E.W24.,E.W36.,E.W7_2,E.W7_3,F.W10.,F.W10_1,F.W10_3,
Clinical Transplantology	1	25		10			15	Credit with grade	Clinical transplantology presents contemporary achievements in solid organs, cornea and stem cells transplantation.	1.1.2.,1.1.3.,C.W13.,C.W14.,C.W15.,C.W18.,C.W19.,C.W20.,C.W21.,C.W22.,C.W25.,C.W39.,D.W16.,D.W18.,D.W21.,F.W14.,
Urology	1	30	5	10			15	Credit with grade	Taking a part in Department morning meeting and rounds, assistance in surgery procedures, assistance in patients diagnostic and therapeutic process, catheterization of urinary tract.	
Electives subjects	1	15						Credit		
Vocational Practical Training in: Intensive Care (2 weeks), Gynaecology and Obstetrics (2 weeks)	4	120						Credit	Acquiring practical skills in management of patients in intensive care, obstetrics and gynecology units	1.1.1.,1.1.2.,1.1.3.,1.1.4.,1.2.1.,1.2.2.,1.2.3.,1.2.4.,1.2.5.,1.2.6.,1.2.7.,1.2.8.,1.2.9.,1.3.1.,1.3.10.,1.3.11.,1.3.2.,1.3.3.,1.3.4.,1.3.5.,1.3.6.,1.3.7.,1.3.8.,1.3.9.,A.U3.,A.U4.,A.U5.,A.W1.,A.W2.,A.W3.,A.W6.,B.U1.,B.U10.,B.U12.,B.U13.,B.U5.,B.W1.,B.W21.,B.W22.,B.W23.,B.W25.,B.W28.,B.W29.,B.W5.,B.W8.,B.W9.,C.U11.,C.U12.,C.U14.,C.U15.,C.U18.,C.U19.,C.U2.,C.U20.,C.U5.,C.U6.,C.U8.,C.W1.,C.W12.,C.W14.,C.W18.,C.W19.,C.W20.,C.W26.,C.W28.,C.W29.,C.W3.,C.W30.,C.W33.,C.W34.,C.W35.,C.W36.,C.W37.,C.W38.,C.W39.,C.W43.,C.W44.,C.W45.,C.W46.,C.W48.,C.W50.,C.W51.,C.W6.,D.U1.,D.U10.,D.U11.,D.U12.,D.U14.,D.U15.,D.U16.,D.U17.,D.U2.,D.U3.,D.U4.,D.U5.,D.U6.,D.U7.,D.U8.,D.U9.,D.W1.,D.W10.,D.W11.,D.W12.,D.W13.,D.W14.,D.W15.,D.W16.,D.W18.,D.W19.,D.W2.,D.W20.,D.W21.,D.W22.,D.W23.,D.W3.,D.W4.,D.W6.,D.W7.,D.W8.,D.W9.,E.U1.,E.U10.,E.U11.,E.U12.,E.U13.,E.U14.,E.U15.,E.U16.,E.U17.,E.U18.,E.U20.,E.U21.,E.U22.,E.U24.,E.U25.,E.U26.,E.U27.,E.U28.,E.U29.,E.U29_1,E.U29_2,E.U29_3,E.U29_4,E.U29_5,E.U29_6,E.U29_7,E.U29_8,E.U29_9,E.U3.,E.U30_1.,E.U31.,E.U32.,E.U33.,E.U34.,E.U35.,E.U36.,E.U37.,E.U38.,E.U7.,E.W27_2.,E.W28.,E.W36.,E.W40.,F.U1.,F.U10.,F.U11.,F.U12.,F.U13.,F.U14.,F.U15.,F.U16.,F.U17.,F.U18.,F.U2.,F.U21.,F.U22.,F.U23.,F.U3.,F.U4.,F.U6.,F.U9.,G.U1.,G.U2.,G.U3.,G.U4.,G.U5.,G.U6.,G.U8.,G.U9.,G.W1.,G.W11.,G.W12.,G.W17.,G.W3.,G.W4.,G.W5.,G.W6.,

Subject	ECTS	Total number of hours	VI year						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours								
			lectures	seminars	exercises	laboratories	practical training	self-study			
Surgery	8	120						120	Exam	Surgery on the 6th year is a culmination of Surgery course. During it students will use all their skills for independent medical work.	L_A.W1,L_A.W2,L_A.W3,L_C.W17,L_C.W19,L_C.W37,L_D.U11,L_D.U12,L_D.U14,L_D.U16,L_D.U18,L_D.U3,L_D.U4,L_D.U6,L_D.U8,L_E.U1,L_E.U12,L_E.U14,L_E.U16,L_E.U18,L_E.U20,L_E.U24,L_E.U25,L_E.U28,L_E.U29_1,L_E.U29_2,L_E.U29_7,L_E.U29_9,L_E.U3,L_E.U31,L_E.U32,L_E.U35,L_E.U38,L_E.U7,L_F.U1,L_F.U12,L_F.U2,L_F.U21,L_F.W3,L_F.W4,L_F.W5,L_G.W12,L_G.W14,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Internal Medicine	16	240					240	Exam	Diagnostic process, differential diagnosis, analysis of laboratory and imaging results, cooperation with specialists, planning and utilization of the therapeutic process, maintaining medical documentation, ensuring the quality of provided services.	L_A.U1,L_A.U2,L_A.U3,L_A.U4,L_A.U5,L_A.W1,L_A.W2,L_A.W3,L_A.W4,L_A.W5,L_A.W6,L_B.U1,L_B.U10,L_B.U11,L_B.U12,L_B.U13,L_B.U14,L_B.U2,L_B.U3,L_B.U4,L_B.U5,L_B.U6,L_B.U7,L_B.U8,L_B.U9,L_B.W1,L_B.W10,L_B.W11,L_B.W12,L_B.W13,L_B.W14,L_B.W15,L_B.W16,L_B.W17,L_B.W18,L_B.W19,L_B.W2,L_B.W20,L_B.W21,L_B.W22,L_B.W23,L_B.W24,L_B.W25,L_B.W26,L_B.W27,L_B.W28,L_B.W29,L_B.W3,L_B.W30,L_B.W31,L_B.W32,L_B.W33,L_B.W34,L_B.W4,L_B.W5,L_B.W6,L_B.W7,L_B.W8,L_B.W9,L_C.U1,L_C.U10,L_C.U11,L_C.U12,L_C.U13,L_C.U14,L_C.U15,L_C.U16,L_C.U17,L_C.U18,L_C.U19,L_C.U2,L_C.U3,L_C.U4,L_C.U5,L_C.U6,L_C.U7,L_C.U8,L_C.U9,L_C.W1,L_C.W10,L_C.W11,L_C.W12,L_C.W13,L_C.W14,L_C.W15,L_C.W16,L_C.W17,L_C.W18,L_C.W19,L_C.W2,L_C.W20,L_C.W21,L_C.W22,L_C.W23,L_C.W24,L_C.W25,L_C.W26,L_C.W27,L_C.W28,L_C.W29,L_C.W3,L_C.W30,L_C.W31,L_C.W32,L_C.W33,L_C.W34,L_C.W35,L_C.W36,L_C.W37,L_C.W38,L_C.W39,L_C.W4,L_C.W40,L_C.W41,L_C.W42,L_C.W43,L_C.W44,L_C.W45,L_C.W5,L_C.W6,L_C.W7,L_C.W8,L_C.W9,L_D.U1,L_D.U10,L_D.U11,	
Gynaecology and Obstetrics	4	60					60	Exam	Examination and management of obstetrical and gynecological patients.	L_B.W26,L_B.W27,L_C.U2,L_D.U4,L_D.U7,L_E.U1,L_E.W5,L_F.U13,L_F.U14,L_F.U15,L_F.U16,L_F.U17,L_F.U18,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,	
Emergency Medicine	4	60					60	Exam	Emergency Medicine. Life threatening conditions caused by trauma and medical issues. Advanced Life Support - adults and children. Advanced Trauma Life Support - adults and children.	L_C.W44,L_D.U11,L_D.U13,L_D.U4,L_D.U7,L_D.W15,L_E.U1,L_E.U12,L_E.U14,L_E.U16,L_E.U2,L_E.U29_1,L_E.U29_2,L_E.U29_3,L_E.U29_4,L_E.U29_7,L_E.U29_8,L_E.U29_9,L_E.U3,L_E.U30_2,L_E.U30_3,L_E.U32,L_E.U36,L_E.U37,L_E.U4,L_E.U7,L_E.W14_2,L_E.W14_3,L_E.W14_9,L_E.W3_3,L_E.W38,L_E.W39,L_E.W6,L_E.W7_1,L_E.W7_2,L_E.W7_3,L_E.W7_4,L_E.W7_8,L_E.W7_9,L_F.U10,L_F.U11,L_F.U21,L_F.U22,L_F.U3,L_F.U4,L_F.U5,L_F.U8,L_F.U9,L_F.W1_4,L_F.W13_1,L_F.W13_3,L_F.W15,L_F.W6,L_F.W7,L_F.W8,L_G.W14,L_G.W15,L_G.W8,L_K01,L_K02,L_K03,L_K04,L_K08,	
Family Medicine	4	60					60	Exam	Classes are conducted within family doctor practices in the Tri-City. The curriculum centers around the analysis of both selected and routine clinical cases observed in the physician's clinic	L_D.U2,L_D.U5,L_E.U1,L_E.U12,L_E.U13,L_E.U16,L_E.U2,L_E.U20,L_E.U24,L_E.U27,L_E.U29_1,L_E.U29_6,L_E.U29_8,L_E.U29_9,L_E.U3,L_E.U32,L_E.U38,L_E.U4,L_E.W36,L_F.U6,L_G.U2,L_K08,	
Pediatrics	8	120					120	Exam	Practical application of previously acquired knowledge and skills in diagnostics and therapy of childhood diseases, interpretation of lab tests, practical familiarization with diagnostic and therapeutic procedures	L_B.W23,L_C.W1,L_C.W11,L_C.W12,L_C.W33,L_C.W9,L_D.U11,L_D.U12,L_D.U14,L_D.U4,L_D.U5,L_D.U8,L_D.W15,L_D.W8,L_E.U12,L_E.U16,L_E.U2,L_E.U28,L_E.U29_1,L_E.U29_2,L_E.U29_3,L_E.U29_4,L_E.U29_5,L_E.U29_6,L_E.U29_7,L_E.U29_8,L_E.U29_9,L_E.U30_1,L_E.U30_2,L_E.U30_3,L_E.U30_4,L_E.U30_5,L_E.U30_6,L_E.U30_7,L_E.U30_8,L_E.U32,L_E.U4,L_E.U7,L_E.U8,L_E.U9,L_E.W3_1,L_E.W3_10,L_E.W3_11,L_E.W3_2,L_E.W3_3,L_E.W3_4,L_E.W3_5,L_E.W3_6,L_E.W3_7,L_E.W3_8,L_E.W3_9,L_E.W32,L_E.W4,L_G.W12,L_K01,L_K03,L_K04,L_K07,	

Psychiatry	4	60					60		Exam	Psychiatric examination. Mental state description. Diagnostic criteria for mental disorders according to ICD 10 and DSM 5.. Side effects of medications.	L_C.W38,L_C.W39,L_C.W43,L_C.W44,L_D.U10,L_D.U14,L_D.U16,L_D.W10,L_D.W11,L_D.W16,L_D.W18,L_D.W20,L_E.U13,L_E.U15,L_E.U16,L_E.U17,L_E.U19,L_E.U5,L_E.W14_5,L_E.W15,L_E.W16,L_E.W17,L_E.W18,L_E.W19,L_E.W20,L_E.W21,L_E.W22,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Medical speciality chosen by the student	12	180					180		Credit	The role of this course is to widen the knowledge on anaesthesiology, critical care, pain management and perioperative medicine.	L_C.W28,L_C.W36,L_D.U6,L_D.W15,L_D.W8,L_E.U1,L_E.U14,L_E.U16,L_E.U18,L_E.U21,L_E.U24,L_E.U25,L_E.U29_1,L_E.U29_2,L_E.U29_3,L_E.U29_4,L_E.U29_5,L_E.U29_6,L_E.U29_7,L_E.U29_8,L_E.U29_9,L_E.U3,L_E.U30_1,L_E.U30_5,L_E.U32,L_E.U7,L_E.W29,L_E.W32,L_E.W40,L_F.U10,L_F.U11,L_F.U21,L_F.U5,L_F.W15,L_F.W4,L_F.W5,L_F.W6,L_F.W7,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Medical Simulations	2	35					35		OSCE Exam	Improving diagnostic and therapeutic skills using advanced medical simulators. Implementation of clinical scenarios and discussion of their compliance with medical standards.	L_B.W25,L_C.W19,L_C.W28,L_C.W33,L_C.W39,L_C.W40,L_D.U11,L_D.U16,L_E.U14,L_E.U16,L_E.U20,L_E.U24,L_E.U29_1,L_E.U29_2,L_E.U29_3,L_E.U29_4,L_E.U29_5,L_E.U29_6,L_E.U29_7,L_E.U29_8,L_E.U29_9,L_E.U3,L_E.U32,L_E.U37,L_E.U7,L_E.W7_1,L_E.W7_2,L_E.W7_3,L_E.W7_4,L_E.W7_5,L_E.W7_6,L_E.W7_7,L_E.W7_8,L_E.W7_9,L_F.U22,L_F.U5,L_F.U6,L_F.U7,L_G.U6,L_K01,L_K02,