

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	11; 330 ECTS
Education profile	Generally academic
Forms of study	Full-time
Professional title obtained by the graduate	lekarz
Polish Qualifications Framework level	VII

Module / Subject	ECTS	Total number of hours	semester 1 Number of hours						semester 2* Number of hours						Manner of obtaining credit	Course content	Symbols of learning outcomes
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study			
Basic Polish 1	2	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.	L_K01, L_K06, L_D.U11, L_D.U18, L_D.W4
Biophysics	5	60	22	4	34										Exam	Laws of blood flow, transport processes, thermodynamics, bioenergetics, biopotentials, physical aspects of hearing and seeing, basics of medical imaging, interactions of ionizing radiation.	L_B.U1,L_B.U10,L_B.U2,L_B.W24,L_B.W3,L_B.W5,L_B.W6,L_B.W7,L_B.W8,L_B.W9,L_F.W10,L_K01
Embryology	2	30							8	10	12				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	L_A.U5,L_A.W1,L_A.W6,L_K01
Gross Anatomy with Neuroscience	18	208							58		150				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.	L_A.U3,L_A.U4,L_A.U5,L_A.W1,L_A.W2,L_A.W3,L_K01,
Histology with Cell Physiology	9	102							24		78				Exam	It includes theoretical and practical teaching of microscope structure, ultrastructure and physiology of cells, tissues, organs and organ systems.	L_A.U1,L_A.U2,L_A.U5,L_A.W1,L_A.W4,L_B.W1,L_B.W10,L_B.W11,L_B.W12,L_B.W13,L_B.W14,L_B.W18,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.W30,L_B.W34,L_B.W7,L_C.W20,L_C.W26,L_K01,L_K09,
History of Medicine with Elements of Philosophy	2	30								30					Credit with grade	Sources for the history of medicine; development processes and key events in the history of medicine subsequent periods (Antiquity, Middle Ages, Modernity, 19th century, 20th century); the role of Gdańsk in history of medicine.	L_D.U1,L_D.U13,L_D.U16,L_D.U17,L_D.W16,L_D.W17,L_D.W18,L_D.W19,L_K01,L_K06,L_K09,
Hygiene	1	15	5		10										Credit with grade	During the course, the issues of factors strongly influencing the quality of life and human health, i.e. hygiene of the work environment with elements of mental health hygiene as well as food and nutrition hygiene, will be discussed.	L_B.W2,L_B.W20,L_C.U6,L_C.W14,L_K01,L_K09,
Informatics and Biostatistics	2	30								6	24				Credit with grade	This course will provide a breadth in biostatistical methods	L_B.U11,L_B.U12,L_B.U13,L_B.U14,L_B.W31,L_B.W32,L_B.W33,L_K01,L_K09,
Library training online		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.	L_B.U11, L_K01, L_K09

Medical Biology	2	30							10	10	10				Credit with grade	genetic of neoplasm, pharmacogenetics, mutagenesis, and teratogenesis, types of inheritance, basic human cytogenetics, population genetics, multifactorial inheritance, genetic of blood groups	L_B.W13,L_B.W14,L_B.W34,L_C.U1,L_C.U3,L_C.U4,L_C.U5,L_C.W1,L_C.W11,L_C.W2,L_C.W3,L_C.W4,L_C.W40,L_C.W41,L_C.W5,L_C.W6,L_C.W7,L_C.W8,L_C.W9,L_D.U16,L_E.W25,L_E.W35,L_E.W37,L_K01,L_K09,
Medical Chemistry	3	45	15	8	22										Exam	This course develops the understanding of chemical structures and biochemical processes that take place in animals and humans, and their medical applications related to pathophysiology.	L_B.U4,L_B.U5,L_B.U9,L_B.W1,L_B.W10,L_B.W11,L_B.W12,L_B.W17,L_B.W2,L_B.W28,L_B.W3,L_B.W4,L_K01,L_K09,
Molecular Biology	1	20	10	10											Credit with grade	The course provides basic information how genetic information is stored, expressed and translated into proteins. It introduces also the methods used for analysis of DNA and RNA and for modifications of genetic information used for medical purposes.	L_B.U13,L_B.W12,L_B.W13,L_B.W14,L_B.W21,L_B.W23,L_B.W34,L_C.W10,L_C.W41,
Nursing Care Activities	1	10									10				Credit with grade	Basic rules of injection (intravenous, intramuscular, subcutaneous and venous catheters' placement) Vital signs assess (Pulse, BP, Resp, Temp)Surgical hands washing.	L_K07, L_K01, L_D.U6, L_C.W19, L_K04
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.	L_F.W8,L_F.W7,L_B.W6,L_F.U9,L_F.U8,L_F.U4,L_F.U10,L_E.U14,L_B.U2,L_B.U1,L_K09,L_K01
Sociology of Medicine	2	26		26											Credit with grade	The classes will discuss problems related to the sociological concept: health and illness, the doctor-patient relationship, medical institutions.	L_D.U1,L_D.U2,L_D.U3,L_D.U9,L_D.W1,L_D.W10,L_D.W16,L_D.W2,L_D.W3,L_D.W4,L_D.W5,L_D.W6,L_D.W8,L_D.W9,L_E.W12,L_E.W30,L_G.W5,L_K03,L_K04,L_K05,L_K06
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	L_D.U1,L_D.U10,L_D.U11,L_D.U16,L_D.W1,L_D.W10,L_D.W15,L_D.W16,L_K01,L_K02,L_K06,L_K08,L_K09,
Electives subjects	2	30															
Vocational practical training in: Practical Patient Care	4	120								120					Credit	Practical training as a nurse assistant in the hospital environment focuses on understanding of patient needs, developing interpersonal communication and empathy.	L_C.W19,L_D.U11,L_D.U12,L_D.U14,L_D.W14,L_D.W15,L_D.W4,L_D.W6,L_D.W8,L_E.U28,L_E.U29,L_E.U36,L_E.U38,L_E.W11,L_E.W12,L_F.U5,L_F.U9,L_G.U6,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,

* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system

Module / Subject	ECTS	Total number of hours	semester 3							semester 4*						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours							Number of hours								
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study				
Basic Immunology	2	25	5	15	5											Credit with grade	The aim of the course is to master the basic knowledge of the structure and function of human immune system.	L_B.W34,L_C.W20,L_C.W21,L_C.W23,L_K09,
Basic Polish 2	2	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).	L_E.U1, L_D.U18, L_D.W4, L_A.W2, L_K01, L_K03, L_K06, L_K09
Biochemistry	15	150								60	35	55				Exam	This course provides students with a basic understanding of the principles of biochemistry and metabolism and their relationship to medicine.	L_A.W4,L_B.U10,L_B.U11,L_B.U14,L_B.U4,L_B.U6,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.W24,L_B.W25,L_B.W26,L_B.W3,L_B.W34,L_B.W4,L_C.W35,L_C.W36,L_C.W38,L_C.W44,L_K01,L_K09
Introduction to Dentistry	1	10	10													Credit with grade	Presentation of the basic scope of the main fields of dentistry in relation to interdisciplinary cooperation.	L_K08, L_E.U32
Introduction to Emergency Medicine	2	30	10	5	15											Credit with grade	After this course student will be familiar with the management of life-threatening events, especially with cardiopulmonary resuscitation	L_F.U10, L_F.W7
Introduction to Internal Medicine 1	2	30									15	15				Credit with grade	Taking the patients' history, general examination, principles of the hand washing and disinfection, examination of head, neck, breast, thorax, abdomen, basic of ECG, blood pressure measurement	L_A.U3,L_A.W2,L_A.W3,L_D.U5,L_D.U6,L_D.W4,L_E.U1,L_E.U29,L_E.U3,L_E.U7,L_F.U3,L_F.U6,L_G.W12,L_G.W18,L_K01,L_K03,L_K06,L_K09,
Introduction to Pediatrics 1	1	15									5	10				Credit with grade	Taking medical history of pediatric patient, Scheme, methods and elements of physical examination of a child, regarding individual developmental characteristics in particular age groups. Development milestones of a child.	L_E.U10,L_E.U11,L_E.U4,L_E.U7,L_E.U8,L_E.W2,L_E.W3,L_E.W5,L_E.W6,L_K03,L_K05,L_K06,L_K09,
Medical Ethics	1	10		10												Credit with grade	Presentation of the basic issues of medical ethics with a historical context of medical deontology.	L_D.U12,L_D.U13,L_D.U14,L_D.U15,L_D.W13,L_D.W15,L_G.W12,L_G.W18,L_K01,L_K04,L_K05,L_K06,L_K07
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.	L_B.U11,L_B.U12,L_B.U13,L_B.U14,L_B.W31,L_B.W32,L_B.W34,L_D.U17,L_D.W15,L_D.W20,L_G.W9,L_K09,
Microbiology with Parasitology	6	90								10	15	65				Exam	General and systematic microbiology in relation to individual groups of microorganisms (bacteria, viruses, fungi and parasites).	L_A.U1,L_C.U10,L_C.U15,L_C.U7,L_C.U8,L_C.U9,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.W20,L_C.W33,L_C.W39,L_D.U16,L_E.W1,L_E.W32,L_E.W34,L_E.W39,L_F.U3,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07
Physiology	14	150								52	32	66				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.	L_B.U1,L_B.U7,L_B.U8,L_B.W1,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.W24,L_B.W25,L_B.W26,L_B.W27,L_B.W28,L_B.W29,L_B.W30,L_B.W5,L_B.W7,L_C.W26,L_C.W28,L_C.W29,L_C.W6,L_D.U11,L_D.U17,L_D.W10,L_E.U29,L_F.U19,L_F.U26,L_K01,L_K02,L_K09,

Psychology in Medicine	2	30	6	8	16											Credit with grade	The core of the course is focused on psychological skills of effective physician-patient relationship with the attention paid to communication, including breaking bad news and team working. Factors of health and disease are considered.	L_D.U1,L_D.U10,L_D.U11,L_D.U16,L_D.U2,L_D.U3,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.U8,L_D.U9,L_D.W10,L_D.W11,L_D.W12,L_D.W14,L_D.W15,L_D.W2,L_D.W3,L_D.W4,L_D.W5,L_D.W6,L_D.W7,L_D.W8,L_D.W9,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,
Public Health	2	30								30						Credit with grade	The concepts of health and public healthThe health situation and its demographic basesSocial and health policyHealth promotionInternational work in the public health	L_K08, L_D.W1, L_G.W5, L_G.U2, L_C.W32, L_D.W6, L_G.W4, L_D.W3, L_G.W7, L_G.U1, L_K09
Elective subjects	5	75														Credit		
Vocational practical training in: Outpatients Care-Family Doctor (90 hours), Temporarily Assistance-in Outpatients' Department or Emergency Ward (30 hours)	4	120									120					Credit	The practical vocational training is designed to learn Students basic family doctor pracedures. Students are expected to work as a nursing assistance for ambulatory service and aquire life saving skills.	L_B.W29,L_C.W13,L_C.W33,L_C.W45,L_D.U11,L_D.U12,L_D.U14,L_D.U16,L_D.W12,L_D.W6,L_E.U14,L_E.U20,L_E.U28,L_E.U38,L_E.W36,L_E.W39,L_F.U10,L_F.U11,L_F.U21,L_F.U3,L_F.U4,L_F.W7,L_F.W8,L_G.U4,L_G.U6,L_G.W7, L_K01,L_K07,

* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system

Module / Subject	ECTS	Total number of hours	semester 5						semester 6*						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours						Number of hours								
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study			
Clinical Genetics	3	50	20	24	6										Exam	differential diagnosis in genetics; selection and interpretation of genetic tests; genetic counselling, recurrence risk assesment	L_B.U11,L_B.W14,L_B.W27,L_B.W34,L_C.U1,L_C.U2,L_C.U3,L_C.U4,L_C.U5,L_C.U6,L_C.W1,L_C.W10,L_C.W11,L_C.W2,L_C.W3,L_C.W33,L_C.W4,L_C.W40,L_C.W41,L_C.W42,L_C.W5,L_C.W7,L_C.W9,L_D.U1,L_D.U13,L_D.U6,L_D.W1,L_D.W13,L_D.W16,L_D.W18,L_D.W8,L_E.U16,L_E.W14,L_E.W25,L_E.W26,L_E.W35,L_E.W37,L_E.W5,L_F.U14,L_F.W9,L_K05,L_K06,L_K07,L_K09,
Clinical Nutrition	1	20								15	5				Credit with grade	Enteral and parenteral nutrition. Monitoring of nutritional support. Clinical, anthropometrical and biochemical assesment of nutritional status.Nutritional support in different clinical situations. Nutrition of elderly patients. .	L_B.W19,L_B.W20,L_B.W28,L_D.U16,L_D.U8,L_E.U25,L_K01,L_K03,L_K05,
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 and the basics of designing epidemiological studies	L_B.U11,L_B.U12,L_B.U13,L_B.U14,L_B.W31,L_B.W32,L_B.W34,L_C.W13,L_D.W1,L_D.W10,L_D.W12,L_D.W5,L_E.W1,L_E.W15,L_E.W41,L_G.W1,L_G.W13,L_G.W2,L_G.W3,L_K01,L_K05,L_K09,
Introduction to Internal Medicine 2	3	65								15	50				Exam	During the course students will learn about most common diseases while taking the patients history and performing physical examination.	L_B.W29,L_C.W32,L_C.W33,L_D.U11,L_D.U14,L_D.U4,L_D.U5,L_D.W15,L_D.W8,L_E.U1,L_E.U13,L_E.U14,L_E.U16,L_E.U24,L_E.U29,L_E.U3,L_E.U30,L_E.U7,L_E.W1,L_E.W7,L_F.U3,L_F.U6,L_F.W10,L_G.W12,L_K01,L_K03,L_K04,L_K07,L_K09,
Introduction to Neurology	2	30							5	10	15				Credit with grade	Our course in NEUROLOGY provides detailed knowledge and understanding on the signs and symptoms of neurological disorders.	L_D.U1,L_D.U14,L_D.U16,L_D.U17,L_D.U3,L_D.U4,L_D.U6,L_E.U1,L_E.U16,L_E.U3,L_E.U38,L_F.U22,L_F.W13,L_F.W15,L_G.U6,L_G.W12,L_G.W8,L_K01,L_K03,L_K04,L_K06,L_K07,L_K08,
Introduction to Oncology	1	15							15						Credit with grade	Biological basis of neoplasia. Molecular mechanisms of ancerogenesis.Symptomatology of cancer. Etiology of cancer.Cancer prevention. Epidemiology of neoplastic diseases.Basics of cancer diagnosis and treatment.	L_D.U15,L_D.U8,L_D.W15,L_E.U32,L_E.W23,L_E.W24,L_E.W25,L_E.W26,L_K01,L_K08,
Introduction to Pediatrics 2	3	45							10	7	28				Credit with grade	Approach to diagnosis, treatment and prognosis in certain diseses in childhood	L_E.U10,L_E.U11,L_E.U12,L_E.U13,L_E.U14,L_E.U2,L_E.U24,L_E.U27,L_E.U4,L_E.U5,L_E.U7,L_E.U8,L_E.U9,L_E.W1,L_E.W2,L_E.W32,L_E.W34,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,
Introduction to Surgery	3	60							10	20	30				Credit with grade	Itroduction to surgery is initial phase of Surgery Course on GUmed, durring witch students learn basic skills, like physical examination and history takeing, necessary for continuation of Surgical Course	L_A.W2,L_B.W1,L_B.W2,L_B.W25,L_B.W29,L_B.W8,L_C.U11,L_C.W19,L_C.W28,L_D.U12,L_D.U16,L_D.U5,L_D.W15,L_D.W20,L_D.W4,L_E.U14,L_E.U30,L_E.U36,L_E.U7,L_E.W1,L_E.W31,L_E.W38,L_F.U4,L_F.U8,L_F.U9,L_F.W10,L_F.W3,L_F.W4,L_F.W5,L_F.W6,L_G.W12,L_G.W8,L_K01,L_K03,L_K04,L_K07

Laboratory Diagnostics	3	50								20	30					Exam	The aims of seminars and exercises are: introduction students with the pathomechanisms of various diseases and the possibilities of laboratory diagnostics in this field.	L_B.U10,L_B.W1,L_B.W16,L_B.W2,L_B.W29,L_E.U24,L_E.U29,L_E.U33,L_E.W24,L_E.W37,L_E.W38,L_E.W39,L_E.W7,L_K01,L_K09,
Medicine of Labor	1	20								6	14					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.	L_C.W14,L_C.W18,L_C.W32,L_C.W33,L_D.U18,L_D.W10,L_D.W3,L_D.W6,L_E.U1,L_E.U16,L_E.U22,L_E.U24,L_E.U32,L_E.W1,L_E.W30,L_G.W3,L_K03,L_K08,
Pathomorphology	14	160								40	85	35				Exam	The students should learn the basic mechanisms of diseases and also be acquainted with the diagnostic methods in pathology. The course will provide the information concerning definition, etiology, pathomechanisms and clinical course.	L_C.W1,L_C.W22,L_C.W23,L_C.W25,L_C.W26,L_C.W28,L_C.W29,L_C.W30,L_C.W31,L_E.W38,L_E.W38,
Pathophysiology	7	85								20	35	30				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.	L_B.U11,L_B.U7,L_B.W1,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.W24,L_B.W25,L_B.W26,L_B.W28,L_B.W29,L_B.W30,L_B.W5,L_C.U11,L_C.U12,L_C.W11,L_C.W12,L_C.W14,L_C.W20,L_C.W21,L_C.W22,L_C.W23,L_C.W26,L_C.W27,L_C.W28,L_C.W29,L_C.W31,L_C.W32,L_C.W33,L_C.W39,L_C.W7,L_D.W15,L_D.W20,L_E.U16,L_E.U24,L_E.W1,L_E.W14,L_E.W23,L_E.W3,L_E.W32,L_E.W34,L_E.W35,L_E.W7,L_E.W8,L_E.W9,L_F.W13,L_K01,L_K09,
Pharmacology and Toxicology	10	100								30	30	40				Exam	General pharmacology. Prescriptions. Drugs used in cardiovascular diseases. Drugs used in metabolic disorders. Drugs used in psychiatric disorders. Drugs used in gastrointestinal tract disorders. Antibiotics. Drugs used in cancer.	L_B.U13,L_B.W34,L_C.U13,L_C.U15,L_C.U16,L_C.U17,L_C.U18,L_C.W34,L_C.W35,L_C.W36,L_C.W37,L_C.W38,L_C.W39,L_C.W41,L_C.W42,L_C.W43,L_C.W44,L_C.W45,L_D.U15,L_D.U16,L_D.U17,L_E.U15,L_E.U16,L_E.U17,L_E.U18,L_E.U19,L_E.U31,L_E.U33,L_E.W10,L_E.W25,L_E.W26,L_E.W29,L_E.W40,L_G.U4,L_G.U6,L_G.W11,L_K01,L_K02,L_K04,L_K05,L_K08,L_K09,
Psychiatry 1	2	50								5	20	25				Credit with grade	Psychopathology, Mental State examination, Affective disorders and suicidality, Anxiety Disorders, Stress-related and somatoform disorders, Suicidality and impulsivity, Personality disorders, Sleep and sexual disorders, Consultation psychiatry	L_C.W38,L_C.W39,L_C.W44,L_D.W1,L_D.W10,L_D.W11,L_D.W12,L_D.W3,L_D.W4,L_D.W7,L_D.W8,L_D.W9,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_E.W4,
Elective subjects	2	30														Credit		
Vocational practical training in: pediatrics-hospital (2 weeks), internal medicine-hospital (2 weeks)	4	120										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.	L_A.U3,L_A.W2,L_A.W3,L_B.W1,L_B.W2,L_B.W25,L_C.U11,L_C.W33,L_D.U12,L_D.U18,L_D.U5,L_D.U6,L_D.U7,L_D.W1,L_D.W13,L_D.W14,L_D.W15,L_D.W4,L_D.W5,L_D.W6,L_E.U1,L_E.U14,L_E.U24,L_E.U29,L_E.U3,L_E.U30,L_E.U38,L_E.U4,L_E.U7,L_E.U8,L_E.W2,L_E.W34,L_E.W37,L_E.W38,L_E.W6,L_E.W7,L_F.U10,L_F.U11,L_F.U5,L_F.U6,L_F.W1,L_F.W2,L_F.W7,L_G.U5,L_G.U6,L_G.W12,L_G.W2,L_G.W3,L_G.W4,L_G.W7,L_G.W8,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,

* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system

Module / Subject	ECTS	Total number of hours	semester 7						semester 8*						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours						Number of hours								
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study			
Anaesthesiology and Intensive Therapy	4	60								30	30				Exam	The course will approach students to basics of anaesthesia, critical care, perioperative medicine and pain management.	L_C.W28,L_E.U14,L_E.U29,L_E.U37,L_E.U7,L_E.W9,L_E.W40,L_F.U11,L_F.W13,L_F.W15,L_F.W4,L_F.W5,L_F.W6,L_F.W7,L_K01,L_K07,
Cardiac Surgery	2	30								20	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.	L_A.U3,L_A.U4,L_A.W2,L_A.W3,L_C.U11,L_D.W20,L_E.U16,L_E.U20,L_E.U36,L_E.W34,L_E.W7,L_F.U1,L_F.U3,L_F.W10,L_F.W14,L_F.W4,L_K01,L_K04,L_K05,L_K09,
Clinical Pharmacology 1	1	20							5		15				Credit with grade	Evidence Based Medicine. The rules of pharmacotherapy in pregnancy, in children, the elderly. Safety pharmacotherapy. Drugs and dietary supplements. Pharmacovigilance	L_B.U13,L_B.W34,L_C.U13,L_C.U15,L_C.U16,L_C.U17,L_C.U18,L_C.W34,L_C.W35,L_C.W36,L_C.W37,L_C.W38,L_C.W39,L_C.W41,L_C.W42,L_C.W43,L_C.W44,L_C.W45,L_D.U15,L_D.U16,L_D.U17,L_E.U15,L_E.U16,L_E.U17,L_E.U18,L_E.U19,L_E.U31,L_E.U33,L_E.W10,L_E.W25,L_E.W26,L_E.W29,L_E.W40,L_G.U4,L_G.U6,L_G.W11,L_K01,L_K02,L_K04,L_K05,L_K08,L_K09,
Dermatology and Venerology	4	60							10	10	40				Exam	Basic dermatologic terminology, skin structure and functions, pathogenesis, cllical presentation and treatment of most common skin diseases, diagnostic procedures in dermatology, rules of dermatosurgery	L_A.U5,L_B.W22,L_C.U10,L_C.U11,L_C.W1,L_C.W25,L_C.W37,L_C.W38,L_C.W42,L_D.U2,L_E.U12,L_E.U16,L_E.U17,L_E.U24,L_E.U32,L_E.W1,L_E.W32,L_E.W33,L_E.W34,L_E.W35,L_E.W38,L_E.W41,L_F.U4,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
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, poisoned, environmental threats, sudden threat of internal origin.	L_A.U3,L_A.U4,L_A.U5,L_A.W2,L_B.U1,L_B.U10,L_B.U11,L_B.U12,L_B.U13,L_B.U7,L_B.U8,L_B.W2,L_B.W33,L_C.U10,L_C.U11,L_C.U14,L_C.U17,L_C.U6,L_C.W14,L_C.W19,L_C.W28,L_C.W38,L_C.W43,L_C.W44,L_C.W45,L_D.U11,L_D.U14,L_D.U16,L_D.U17,L_D.U3,L_D.U4,L_D.U5,L_D.U7,L_D.U9,L_D.W15,L_D.W4,L_E.U12,L_E.U13,L_E.U14,L_E.U15,L_E.U16,L_E.U17,L_E.U20,L_E.U21,L_E.U24,L_E.U29,L_E.U3,L_E.U30,L_E.U32,L_E.U33,L_E.U34,L_E.U36,L_E.U37,L_E.U4,L_E.W39,L_E.W40,L_F.U10,L_F.U11,L_F.U20,L_F.U21,L_F.U22,L_F.U4,L_F.U5,L_F.U7,L_F.U8,L_F.U9,L_F.W6,L_F.W7,L_F.W8,L_G.U6,L_G.W12,L_G.W14,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Gynaecology and Obstetrics 1	2	30								20	10				Credit with grade	Physiology of pregnancy, prenatal care,multiple pregnancy (complications and treatment),delivery, post-term pregnancy, physiology of menstrual cycle,puberty and menopause,basis of OB-GYN examination,Anamnesis,	L_A.W6,L_B.W26,L_B.W27,L_D.U12,L_D.U14,L_D.U4,L_E.W5,L_F.U15,L_F.U16,L_F.U17,L_F.U18,L_K01,L_K02,L_K03,L_K04,L_K06,L_K07,
Internal Medicine-Cardiology 1	2	30								10	20				Credit with grade	Course includes ESC guidelines about ECG analysis and managing bradycardia (with cardiac pacing) tachycardias (AF,AFL,AT, AVNRT,AVRT and nsVT,sVT,VF) and CHF with cardiomyopathies, pulmonary hypertension and pulmonary embolism as well.	L_C.W36,L_C.W37,L_C.W38,L_D.U12,L_D.U13,L_D.U7,L_D.U8,L_D.W15,L_D.W20,L_D.W4,L_E.U1,L_E.U12,L_E.U13,L_E.U14,L_E.U16,L_E.U17,L_E.U18,L_E.U24,L_E.U29,L_E.U3,L_E.U30,L_E.U31,L_E.U37,L_E.W10,L_E.W32,L_E.W39,L_E.W40,L_E.W7,L_F.W6,L_G.W1,L_G.W14,L_G.W3,L_K02,L_K03,L_K06,L_K07,L_K09,
Internal Medicine-Gastroenterology	2	30								10	20				Credit with grade	Epidemiology, symptomatology, diagnosis and principles of treatment of main gastrointestinal and liver disorders.	L_A.U3,L_B.U11,L_B.W18,L_B.W19,L_C.U10,L_C.U11,L_C.W28,L_C.W33,L_D.U11,L_D.U14,L_D.U16,L_D.U18,L_D.W15,L_E.U1,L_E.U12,L_E.U16,L_E.U24,L_E.U25,L_E.U29,L_E.U3,L_E.U30,L_E.U7,L_E.W1,L_E.W39,L_E.W7,L_K01,L_K03,L_K07

Internal Medicine-Hypertension and Diabetology	2	35									5	30				Credit with grade	Epidemiology, classification, rules of diagnosis for HT and DM. The pathophysiology. Diagnostic issues related to the assessment of HT and DM patient. Treatment of hypertension and diabetes.	L_D.U14,L_D.U17,L_D.U8,L_D.W20,L_E.U1,L_E.U16,L_E.U18,L_E.U24,L_E.U29,L_E.U3,L_E.U32,L_E.W1,L_E.W7,L_G.U6,L_K01,L_K04,L_K06,L_K07,L_K09,
Internal Medicine-Nephrology	2	45									9	36				Credit with grade	Students will learn pathogenesis, symptomatology and therapy of renal diseases.; develop skills of history taking, physical examination, interpretation of lab. findings, differential diagnosis in renal diseases.	L_B.W1,L_B.W2,L_C.U10,L_C.U15,L_C.W12,L_C.W33,L_C.W37,L_C.W38,L_C.W39,L_D.U14,L_E.U1,L_E.U12,L_E.U13,L_E.U14,L_E.U16,L_E.U20,L_E.U24,L_E.U3,L_E.U7,L_E.W37,L_F.W14,L_K03,L_K04,L_K06,
Neonatology	2	30									10	20				Credit with grade	- physiology of the newborn baby- medical problems of the term, preterm, post-term infants- causes of the preterm and post-term deliveries- hyperbilirubinemia, respiratory insufficiency and other abnormalities- resuscitation	L_A.U3,L_C.U10,L_C.U11,L_C.U14,L_C.U15,L_C.W19,L_D.U1,L_D.U12,L_D.U14,L_D.U3,L_D.U4,L_D.U6,L_D.W8,L_E.U12,L_E.U13,L_E.U14,L_E.U16,L_E.U2,L_E.U24,L_E.U25,L_E.U27,L_E.U32,L_E.U7,L_E.U8,L_E.W37,L_E.W39,L_E.W5,L_E.W6,L_F.U11,L_F.U3,L_F.W2,L_F.W6,L_F.W7,L_G.U6,L_G.W12,L_G.W2,L_G.W8,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K09,
Neurology	3	60	5	15	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.	L_A.U3,L_B.U13,L_B.W28,L_C.U10,L_C.U11,L_C.U8,L_D.U10,L_D.U11,L_D.U14,L_D.U15,L_D.U16,L_D.U17,L_D.U18,L_D.U3,L_D.U5,L_D.W16,L_D.W5,L_E.U1,L_E.U12,L_E.U13,L_E.U14,L_E.U15,L_E.U16,L_E.U24,L_E.U25,L_E.U3,L_E.U32,L_E.U37,L_E.U38,L_E.U4,L_E.U7,L_E.W1,L_E.W11,L_E.W13,L_E.W14,L_E.W28,L_E.W29,L_F.W13,L_F.W15,L_K03,L_K05,L_K06,L_K07,L_K08,L_K09,
Neurosurgery	1	15									2	8	5			Credit with grade	To acquire the basic knowledge about patient examination, qualification of patients to neurosurgery, neurosurgical treatment, postoperative management and care in Neurointensive Care Unit.	L_A.U1,L_A.U3,L_A.W2,L_A.W3,L_A.W4,L_A.W5,L_A.W6,L_B.U11,L_B.W1,L_B.W28,L_B.W33,L_C.W25,L_C.W33,L_E.U22,L_E.U29,L_E.U3,L_E.U32,L_E.U37,L_E.U38,L_E.W25,L_E.W28,L_E.W32,L_E.W6,L_F.U1,L_F.U10,L_F.U12,L_F.U2,L_F.U21,L_F.U3,L_F.U4,L_F.W14,L_F.W15,L_F.W3,L_F.W4,L_F.W5,L_G.W8,L_G.W9,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Nuclear Medicine	1	20									15	5				Credit with grade	Scintigraphic evaluation of different organs in various diseases. Application PET imaging in oncological and non-oncological diseases. Application of radionuclide therapy especially in endocrinological conditions.	L_B.U1,L_B.U2,L_B.W8,L_B.W9,L_F.W10,L_K04,
Ophthalmology	3	60									30	30				Exam	The teaching content includes the methods HOW TO DIAGNOSE AND TREAT the eye diseases and the aspects that could be utilized by non-ophthalmologists.	L_A.W2,L_A.W3,L_E.U16,L_E.U17,L_E.U18,L_E.U19,L_E.U20,L_E.U22,L_E.U36,L_E.U38,L_F.U19,L_F.U20,L_F.U22,L_F.W10,L_F.W11,L_F.W3,L_K01,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Patient Safety	1	10	10													Credit with grade	Medical errors monitoring. Human factors in patient safety. Multidisciplinary team working.	L_G.U6,L_G.W18,L_G.W6,L_G.W7,L_K05,L_K08
Pediatrics 1	4	60									25	35				Credit with grade	Practicing of interview taking and physical examination of children, learning about the main childhood problems, disorders and diseases, differential diagnosis of common diseases in children.	L_A.U3,L_B.W26,L_C.W19,L_C.W20,L_C.W28,L_C.W33,L_C.W37,L_C.W6,L_D.U12,L_D.U14,L_D.U15,L_D.U16,L_D.U5,L_D.W15,L_D.W8,L_E.U13,L_E.U2,L_E.U24,L_E.U30,L_E.U4,L_E.U7,L_E.W24,L_E.W25,L_E.W26,L_E.W27,L_E.W28,L_E.W29,L_E.W32,L_E.W37,L_E.W5,L_E.W6,L_F.U3,L_F.W1,L_F.W10,L_F.W7,L_G.U5,L_K01,L_K03,L_K04,L_K06,L_K07,
Psychiatry 2	3	40									20	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.	L_C.W43,L_C.W44,L_D.U1,L_D.U10,L_D.U14,L_D.U2,L_D.U3,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.U9,L_D.W10,L_D.W11,L_D.W2,L_D.W4,L_D.W5,L_D.W7,L_D.W8,L_E.U1,L_E.U13,L_E.U15,L_E.U17,L_E.U19,L_E.U5,L_E.U7,L_E.W1,L_E.W10,L_E.W11,L_E.W12,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_E.W4,L_K03,L_K06,L_K07,L_K08
Radiology 1	2	32	2	15	15											Credit with grade	1.principles, methodology, indications, preparation, limitations of: conventional radiography, ultrasound, CT, MRI2.radiological anatomy3.common pathologies in various imaging modalities	L_A.U4,L_B.U2,L_B.W6,L_B.W8,L_D.U6,L_E.U16,L_F.U7,L_F.W10,L_K07,

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.	L_A.U3,L_A.U4,L_A.U5,L_A.W2,L_B.U8,L_B.W33,L_D.U11,L_D.U14,L_D.U16,L_D.U4,L_D.U8,L_D.W1,L_D.W14,L_D.W15,L_D.W3,L_D.W4,L_D.W5,L_E.U1,L_E.U22,L_E.U23,L_E.U3,L_E.U4,L_E.W1,L_E.W11,L_E.W12,L_E.W13,L_E.W14,L_E.W30,L_E.W31,L_G.W12,L_G.W5,L_K01,L_K03,L_K04,L_K06,L_K07,L_K08
Surgery 1	4	55									10	45				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,	L_A.U3,L_A.U4,L_A.W2,L_A.W3,L_B.W1,L_B.W16,L_C.U11,L_C.W17,L_C.W19,L_C.W25,L_C.W31,L_D.W15,L_D.W16,L_D.W8,L_E.U28,L_E.U29,L_E.U3,L_E.U30,L_E.U32,L_E.W26,L_F.U1,L_F.U12,L_F.U2,L_F.U21,L_F.U3,L_F.U4,L_F.U5,L_F.U6,L_F.U9,L_F.W1,L_F.W10,L_F.W3,L_F.W4,L_F.W5,L_K02,L_K03,L_K06,L_K07,
Vascular Surgery	2	30									20	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.	L_K07, L_K01, L_A.W2
Elective subjects	4	60														Credit		
Vocational practical training in: surgery-hospital (2 weeks), internal medicine-hospital (2 weeks)	4	120										120				Credit	Surgery trainingin include learning surgical skills Internal medicine training improving skills in physical examination. Performing basic medical procedures.	L_A.U4,L_A.W2,L_A.W3,L_B.W25,L_C.U10,L_C.U14,L_C.U15,L_D.U12,L_D.U13,L_D.U14,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.W15,L_D.W4,L_D.W5,L_D.W8,L_E.U1,L_E.U12,L_E.U13,L_E.U14,L_E.U15,L_E.U16,L_E.U17,L_E.U24,L_E.U26,L_E.U3,L_E.U30,L_E.U32,L_E.U35,L_E.U36,L_E.U37,L_E.U7,L_F.U10,L_F.U11,L_F.U2,L_F.U3,L_F.U4,L_F.U6,L_F.U7,L_F.U8,L_F.U9,L_F.W1,L_F.W4,L_G.U6,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,

* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system

Module / Subject	ECTS	Total number of hours	semester 9						semester 10*						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours						Number of hours								
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study			
Clinical Pharmacology	1	15								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.	L_B.U13,L_B.U14,L_C.U15,L_C.U17,L_C.U18,L_C.W37,L_C.W38,L_D.W20,L_E.U18,L_E.U31,L_E.W10,L_E.W29,L_E.W40,
Clinical Transplantology	1	25								10	15				Credit with grade	The Clinical transplantation presents contemporary achievements in solid organs and bone marrow transplantations. It is conducted in departments specialized i.a. in the kidney, liver, heart, lung and bone marrow transplantations.	L_B.W2,L_C.W12,L_C.W17,L_C.W18,L_C.W19,L_C.W20,L_C.W21,L_C.W24,L_C.W38,L_D.W13,L_D.W15,
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.	L_D.U11,L_D.U12,L_D.U13,L_D.U14,L_D.U15,L_D.W13,L_D.W14,L_D.W15,L_G.W10,L_G.W12,L_G.W18,L_G.W6,L_G.W9,L_K01,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09
Family Medicine 1	2	30								10	20				Credit with grade	The subject includes seminars and exercises on the most common diseases encountered in the family doctor's office.	L_B.W19,L_B.W29,L_B.W33,L_C.W20,L_C.W22,L_D.U1,L_D.U10,L_D.U14,L_D.U2,L_D.U4,L_D.U7,L_D.U8,L_D.W12,L_D.W4,L_D.W7,L_D.W9,L_E.U12,L_E.U13,L_E.U14,L_E.U16,L_E.U17,L_E.U19,L_E.U20,L_E.U24,L_E.U27,L_E.U29,L_E.U3,L_E.U35,L_E.U4,L_E.U6,L_E.W10,L_E.W13,L_E.W2,L_E.W20,L_E.W21,L_E.W22,L_E.W27,L_E.W33,L_E.W36,L_E.W4,L_E.W9,L_F.U10,L_F.U6,L_F.W12,L_G.U2,L_G.W5,L_K01,L_K02,L_K03,L_K04,L_K06,L_K07,
Forensic Medicine	2	30								15	15				Exam	1. Death and post mortem changes. 2. External body examination and estimation of the time of death. 3. Forensic autopsy. 4. Violent death. 5. Medicolegal opinions. 6. Infanticide, child abuse. 7. Identity. 8. Forensic toxicology. 9. Forensic genetics	L_C.W6,L_E.U15,L_E.W37,L_E.W4,L_G.U5,L_G.U6,L_G.U7,L_G.W14,L_G.W15,L_G.W16,L_G.W17,L_G.W19,L_G.W8,L_K02,
Gerontology and Geriatrics	2	30								20	10				Credit with grade	Comprehensive geriatric assessment, symptomatology and clinical course of most common diseases, psychogeriatrics, complications of hospitalisation in elderly age, Frailty syndrom and sarcopenia, pharmacology, falls	L_B.W28,L_B.W30,L_C.U10,L_C.U14,L_C.U15,L_C.W33,L_C.W35,L_C.W37,L_C.W38,L_D.W3,L_E.U1,L_E.U12,L_E.U16,L_E.U17,L_E.U24,L_E.U3,L_E.U7,L_E.W10,L_E.W11,L_E.W12,L_E.W14,L_E.W19,L_E.W32,L_E.W8,L_E.W9,L_K03,L_K04,L_K05,L_K07,
Gynaecology and Obstetrics 1	5	90								45	45				Credit with grade	Phthology of pregnancy,maternal diseases during pregnancy,fetal and placenta abnormalities,managment of pathology of gestation.Fertility and ntertility,gynecological diseases. Examination.	L_B.W26,L_C.U2,L_C.W6,L_D.U12,L_D.U4,L_D.U7,L_E.U1,L_E.W5,L_F.U15,L_F.U16,L_F.U17,L_F.U18,L_K01,L_K02,L_K03,L_K06,L_K07,L_K08,L_K09,
Infectious and Tropical Diseases	4	60								12	36	12			Exam	The course covers clinical presentation, epidemiology, etiology, therapy and prevention of general infectious, parasitic and tropical diseases, including post-exposure prophylaxis and vaccinations.	L_C.U10,L_C.U15,L_C.U7,L_C.U8,L_C.W12,L_C.W13,L_C.W14,L_C.W15,L_C.W16,L_C.W17,L_C.W18,L_C.W20,L_C.W32,L_C.W38,L_C.W39,L_C.W40,L_D.W20,L_E.U24,L_E.U26,L_E.U27,L_E.W1,L_E.W13,L_E.W32,L_E.W33,L_E.W37,L_F.U22,L_F.W13,L_G.U2,L_G.W12,L_G.W13,L_G.W3,
Internal Medicine-Allergy	2	30								10	20				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	L_C.W22,L_C.W28,L_C.W38,L_D.U2,L_D.U3,L_D.U4,L_D.U6,L_D.U8,L_E.U1,L_E.U13,L_E.U14,L_E.U16,L_E.U17,L_E.U29,L_E.U3,L_E.U30,L_E.W7,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,

Internal Medicine-Cardiology 2	2	30								10	20				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 cardiologic treatment.	L_A.W3,L_B.U7,L_B.U8,L_B.W1,L_B.W19,L_B.W23,L_B.W29,L_B.W32,L_B.W33,L_C.U11,L_C.W28,L_C.W29,L_C.W32,L_C.W33,L_C.W34,L_C.W35,L_C.W37,L_D.U11,L_D.U14,L_D.U8,L_D.W1,L_D.W10,L_D.W15,L_D.W20,L_D.W8,L_E.U12,L_E.U13,L_E.U14,L_E.U16,L_E.U17,L_E.U18,L_E.U20,L_E.U24,L_E.U27,L_E.U3,L_E.U31,L_E.U7,L_E.W1,L_E.W10,L_E.W11,L_E.W30,L_E.W31,L_E.W35,L_E.W37,L_E.W38,L_E.W40,L_E.W7,L_E.W9,L_F.W10,L_F.W14,L_F.W7,L_F.W8,L_G.W1,L_G.W2,L_G.W3,L_G.W5,L_K01,L_K04,L_K05,L_K06,L_K07
Internal Medicine-Endocrinology	2	30								10	20				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.	L_A.U3,L_B.W26,L_B.W27,L_B.W28,L_B.W29,L_D.U1,L_D.U10,L_D.U11,L_D.U12,L_D.U14,L_D.U15,L_D.U16,L_D.U17,L_D.U18,L_D.U4,L_D.U5,L_D.U6,L_D.W10,L_D.W7,L_E.U12,L_E.U13,L_E.U14,L_E.U32,L_E.U7,L_E.W21,L_F.W10,L_F.W9,L_G.U6,L_G.W12,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K09,
Internal Medicine-Haematology	2	30								10	20				Credit with grade	Content of the seminars provides informations concerning history taking and physical examination in patients with hematological diseases, interpretation of complete blood count, cover symptomatology, diagnostic criteria, therapeutic options.	L_C.U10,L_C.U3,L_D.U6,L_E.U29,L_E.U3,L_E.W7,L_F.W10,L_G.W13,L_K04,L_K06,L_K09,
Internal Medicine-Pneumology	2	30								10	20				Credit with grade	1. Clinical symptoms, diagnosis and treatment of the most common respiratory diseases2. Diagnostic methods used in lung disorders - spirometry, bronchoscopy, imaging techniques3. Aerosolotherapy 4. Oxygen therapy	L_A.U3,L_A.U4,L_A.W3,L_A.W4,L_B.U10,L_B.U11,L_B.W1,L_B.W2,L_B.W25,L_C.U10,L_C.U11,L_C.W13,L_C.W18,L_C.W27,L_C.W33,L_D.U1,L_D.U14,L_D.U18,L_D.U3,L_D.U7,L_D.U8,L_D.W1,L_D.W3,L_D.W4,L_D.W8,L_E.U16,L_E.U17,L_E.U24,L_E.U29,L_E.U3,L_E.U32,L_E.W1,L_E.W24,L_E.W27,L_E.W32,L_E.W38,L_E.W7,L_G.U6,L_G.W6,L_K01,L_K03,L_K04,L_K07,L_K09,
Internal Medicine-Rheumatology	2	30								20	10				Credit with grade	At the end of the course students will be able to differentiate the main rheumatological syndromes, generate short representation of clinical cases and perform physical examinations of the patient.	L_A.U5,L_B.U11,L_C.U10,L_C.W35,L_C.W36,L_C.W37,L_C.W38,L_C.W9,L_D.U12,L_D.U14,L_D.U15,L_D.U16,L_D.U17,L_D.U18,L_D.U3,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.U8,L_D.U9,L_D.W10,L_D.W12,L_D.W15,L_D.W5,L_E.U1,L_E.U3,L_E.U30,L_E.W10,L_E.W12,L_E.W30,L_E.W31,L_E.W34,L_E.W37,L_E.W38,L_E.W8,L_E.W9,L_G.W18,
Internal Medicine-Toxicology and Emergency States in Internal Medicine	2	30								10	20				Credit with grade	The course provides insight into principles of toxicology and management of patients with acute conditions in internal medicine	L_A.W2,L_A.W3,L_B.U10,L_B.U11,L_B.U3,L_B.U7,L_B.W1,L_B.W10,L_B.W16,L_B.W2,L_B.W24,L_B.W26,L_B.W29,L_B.W3,L_B.W4,L_B.W5,L_B.W8,L_B.W9,L_C.U10,L_C.U11,L_C.U18,L_C.U19,L_C.W26,L_C.W28,L_C.W33,L_C.W34,L_C.W35,L_C.W36,L_C.W37,L_C.W38,L_C.W42,L_C.W43,L_C.W44,L_C.W45,L_D.W15,L_D.W16,L_D.W20,L_D.W3,L_E.U1,L_E.U12,L_E.U13,L_E.U14,L_E.U15,L_E.U16,L_E.U17,L_E.U19,L_E.U20,L_E.U24,L_E.U28,L_E.U29,L_E.U3,L_E.U30,L_E.U32,L_E.U33,L_E.U34,L_E.U38,L_E.U7,L_E.W29,L_E.W38,L_E.W39,L_E.W40,L_E.W7,L_F.U10,L_F.U11,L_F.W6,L_F.W7,L_G.U6,L_G.U7,L_G.W1,L_G.W12,L_G.W15,L_G.W19,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09
Medical Juriprudence	1	20							5	15					Credit with grade	Introduction for health status certification, legislation of the rules of assessing health and the rules of benefits for employee in his/her illness.	L_K09, L_E.U38, L_E.W30, L_G.U3, L_G.U4, L_K07
Medical Law	1	20							15	5					Credit with grade	Patient's rights. Biolaw. Medical malpractice. Medical evidence in litigation.	L_G.U3,L_G.U4,L_G.U6,L_G.W10,L_G.W11,L_G.W12,L_G.W18,L_G.W6,L_G.W7,L_G.W8,L_G.W9,L_K01,L_K03,L_K04,L_K07,L_K09,
Oncological Surgery	1	10		2	8										Credit with grade	Teaching in the field of the basics of diagnostics and treatment of the most common cancers of the digestive tract and breast diseases. Students have contact with out-patients and the operated patients.	L_C.W25, L_C.W19, L_A.W3
Oncology	2	50								20	30				Exam	Cancer prevention and screening. Oncological patient diagnosis, treatment strategy, treatment side-effects management and follow-up of patients with cancer history.	L_B.W6,L_C.U3,L_D.U11,L_D.U2,L_D.W15,L_D.W20,L_E.W20,L_E.W23,L_E.W24,L_E.W25,L_E.W26,L_E.W29,L_K01,L_K03,L_K06,L_K07,L_K08,L_K09,

Organization and Economics in Health Care	1	20								10	10					Credit with grade	Lecture introduction to the functioning of the healthcare system in its organization, financing, regulations and structural aspects. Healthcare structures, organization, management and financing - case studies	L_K08, L_K01, L_D.U11, L_G.W7, L_E.W41, L_G.W7
Orthopaedics and Traumatology	2	50									10	40				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.	L_A.W2,L_A.W3,L_B.W16,L_B.W24,L_C.W19,L_D.W15,L_D.W6,L_E.W1,L_E.W26,L_E.W30,L_E.W31,L_F.W1,L_F.W10,L_F.W2,L_F.W3,
Otolaryngology	3	60									30	30				Exam	Practical skills of otorhinolaryngological, audiological and otoneurological examination. Seminars contain main problems of head and neck diseases. During cadaver exercises ricthyroidotomy and tracheotomy is performed	L_A.W2,L_A.W3,L_C.W12,L_C.W13,L_C.W14,L_C.W17,L_C.W19,L_C.W27,L_E.U1,L_E.U14,L_E.U3,L_E.U4,L_E.U6,L_E.W1,L_E.W23,L_E.W24,L_E.W26,L_E.W3,L_E.W32,L_E.W37,L_E.W7,L_F.U1,L_F.U10,L_F.U2,L_F.U25,L_F.U26,L_F.U3,L_F.U4,L_F.U9,L_F.W12,L_F.W13,L_F.W2,L_F.W3,L_F.W4,L_F.W5,L_F.W6,L_F.W7,L_G.U2,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Palliative Medicine	2	30									10	20				Credit with grade	Knowledge and skills regarding: pain treatment and the most common complaints (dyspnoea, lymphoedema, bedsores) basic practical skills and communicating bad news and communication skills with a patient and his family.	L_A.W2,L_A.W3,L_C.U14,L_C.W33,L_C.W36,L_C.W37,L_C.W43,L_D.U1,L_D.U11,L_D.U14,L_D.U3,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.U8,L_D.W13,L_D.W14,L_D.W15,L_D.W3,L_D.W4,L_D.W5,L_E.U1,L_E.U13,L_E.U16,L_E.U18,L_E.U20,L_E.U21,L_E.U25,L_E.U29,L_E.U3,L_E.U35,L_E.U37,L_E.U38,L_E.U7,L_F.U22,L_K03,L_K04,L_K05,L_K06,L_K07,
Pediatric Surgery	2	30									12	18				Exam	Epidemiology, embryology, pathology, diagnostic approach and treatment of congenital malformations of alimentary tract, genitourinary system, respiratory tract and central nervous system.	L_E.U12,L_E.U16,L_E.U2,L_E.U4,L_E.U7,L_E.W2,L_E.W3,L_F.U2,L_F.U21,L_F.U22,L_F.U3,L_F.U4,L_F.U6,L_F.W1,L_F.W13,L_F.W2,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K09
Pediatrics 2	4	90									15	75				Credit with grade	Practicing of interview taking, physical examination of children, learning about common and less frequent childhood diseases, differential diagnosis, modern diagnostic and therapeutic options.	L_A.U4,L_C.U10,L_C.U14,L_C.W28,L_D.U12,L_D.U14,L_D.W14,L_D.W15,L_D.W16,L_D.W8,L_E.U10,L_E.U12,L_E.U16,L_E.U2,L_E.U24,L_E.U30,L_E.U32,L_E.U4,L_E.U7,L_E.U8,L_E.U9,L_E.W2,L_E.W24,L_E.W25,L_E.W28,L_E.W29,L_E.W3,L_E.W32,L_E.W35,L_E.W4,L_E.W6,L_K01,L_K03,L_K04,L_K05,L_K07,
Radiology 2	2	30									10	20				Exam	1.Revision of the knowledge of diagnostic-imaging techniques, including interventional radiology2.Radiological manifestation of common pathologies in various imaging modalities	L_A.U4,L_B.U2,L_B.W6,L_B.W8,L_D.U6,L_E.U16,L_F.U7,L_F.W10,L_K07,
Surgery 2	1	30									10	20				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.	L_D.U11,L_D.U12,L_D.U14,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.U24,L_E.U25,L_E.U28,L_E.U29,L_E.U3,L_E.U30,L_E.U32,L_E.U35,L_E.U38,L_E.U7,L_E.W28,L_E.W29,L_E.W9,L_F.U1,L_F.U12,L_F.U2,L_F.U21,L_F.W1,L_F.W10,L_F.W14,L_F.W15,L_F.W3,L_F.W4,L_F.W5,L_G.W10,L_G.W12,L_G.W18,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Urology	1	20		15	5											Credit with grade	Taking a part in Department morning meeting and rounds, assistance in surgery pocedures, assistance in patients diagnostic and therapeutic process, catheterization of urinary tract.	L_K09, L_F.U9, L_F.U7, L_F.U3, L_F.U24, L_F.U23, L_F.W4, L_A.W3, L_A.W2, L_K01, L_K05
Elective subjects	4	60														Credit		
Vocational practical training in: Intensive Care (2 weeks), Gynaecology and Obstetrics (2 weeks)	4	120										120				Credit	Acquiring practical skills in management of patients in intensive care, obstetrics and gynecology units.	L_A.U3,L_A.U5,L_B.U10,L_B.W1,L_B.W2,L_B.W26,L_C.U11,L_C.W12,L_C.W13,L_C.W28,L_C.W29,L_C.W32,L_C.W34,L_D.U4,L_E.U1,L_E.U38,L_E.U6,L_E.U7,L_E.U8,L_E.W29,L_E.W39,L_F.U10,L_F.U11,L_F.U12,L_F.U13,L_F.U14,L_F.U15,L_F.U16,L_F.U17,L_F.U21,L_F.U22,L_F.U5,L_F.W15,L_F.W4,L_F.W5,L_F.W7,L_F.W8,L_G.W12,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,

* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system

Module / Subject	ECTS	Total number of hours	semester 11						semester 12*						Manner of obtaining credit	Course content	Symbols of learning outcomes
			Number of hours						Number of hours								
			lectures	seminars	exercise	laboratories	practical training	self-study	lectures	seminars	exercise	laboratories	practical training	self-study			
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 Suuport - adults and children.	L_A.U3,L_A.U4,L_A.W2,L_B.U1,L_B.U10,L_B.U11,L_C.U10,L_C.U11,L_C.U14,L_C.U19,L_C.W28,L_D.U11,L_D.U14,L_D.U15,L_D.U16,L_D.U18,L_D.U3,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.W15,L_D.W4,L_E.U1,L_E.U12,L_E.U14,L_E.U15,L_E.U16,L_E.U17,L_E.U24,L_E.U28,L_E.U29,L_E.U3,L_E.U33,L_E.U34,L_E.U36,L_E.U37,L_E.U4,L_E.W6,L_F.U10,L_F.U11,L_F.U21,L_F.U22,L_F.U4,L_F.U5,L_F.U7,L_F.U8,L_F.U9,L_F.W6,L_F.W7,L_F.W8,L_G.U6,L_G.W14,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K9,
Family Medicine	4	60									60				Exam	Classes take place in the practice of a family doctor in the Tri-City. Classes are based on the analysis of selected and routine clinical cases encountered in the doctor's office.	L_B.W19,L_B.W29,L_B.W33,L_C.U17,L_C.W20,L_C.W22,L_D.U1,L_D.U10,L_D.U12,L_D.U14,L_D.U2,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_D.U8,L_D.U9,L_D.W12,L_D.W4,L_D.W7,L_D.W9,L_E.U1,L_E.U11,L_E.U12,L_E.U13,L_E.U14,L_E.U15,L_E.U16,L_E.U17,L_E.U19,L_E.U2L_E.U20,L_E.U22,L_E.U23,L_E.U24,L_E.U27,L_E.U29,L_E.U3,L_E.U32,L_E.U35,L_E.U37,L_E.U38,L_E.U4,L_E.U6,L_E.U7,L_E.W10,L_E.W13,L_E.W2,L_E.W20,L_E.W22,L_E.W27,L_E.W33,L_E.W36,L_E.W37,L_E.W38,L_E.W4,L_E.W9,L_F.U10,L_F.U11,L_F.U14,L_F.U19,L_F.U20,L_F.U3,L_F.U4,L_F.U6,L_F.W12,L_F.W13,L_G.U2,L_G.U6,L_G.W12,L_G.W5,L_G.W8,L_K01,L_K02,L_K03,L_K04,L_K06,L_K07,L_K08,
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,
Internal Medicine	16	240									30				Credit with grade	Diagnostic process, differential diagnosis, laboratory and imaging studies, cooperation with other specialists, the therapeutic process, its planning and organization	L_B.U10,L_B.W26,L_B.W29,L_C.U10,L_C.U11,L_C.U14,L_C.U17,L_C.W17,L_C.W18,L_C.W19,L_C.W25,L_C.W28,L_C.W32,L_C.W33,L_C.W34,L_C.W37,L_C.W38,L_C.W39,L_D.U11,L_D.U12,L_D.U14,L_D.U4,L_D.W13,L_D.W15,L_E.U1,L_E.U12,L_E.U16,L_E.U17,L_E.U24,L_E.U28,L_E.U29,L_E.U3,L_E.U30,L_E.U31,L_E.U32,L_E.U37,L_E.U38,L_E.U7,L_E.W1,L_E.W11,L_E.W23,L_E.W32,L_E.W40,L_E.W7,L_E.W8,L_F.U11,L_F.U21,L_F.U6,L_F.W10,L_G.U6,L_K01,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,
Medical Simulations	2	30									60				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_D.U11,L_D.U16,L_E.U14,L_E.U16,L_E.U24,L_E.U29,L_E.U3,L_E.U32,L_E.U37,L_E.W39,L_E.W40,L_E.W7,L_F.U2,L_F.U22,L_F.U4,L_F.U5,L_F.U7,L_G.U6,L_K01,L_K02,
Medical speciality chosen by the student- Anaesthesiology	12	180									120				Exam	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.U24,L_E.U25,L_E.U29,L_E.U30,L_E.U37,L_E.U7,L_E.W29,L_E.W32,L_E.W40,L_F.U21,L_F.W15,L_F.W4,L_F.W5,L_F.W6,L_F.W7,L_K01,L_K02,L_K03,L_K06,L_K07

Medical speciality chosen by the student- Dermatology	12	180									180				Credit	Practical skills in dermatological and basic dermatosurgery procedures, supported by review of Dermatology and Venerology knowledge	L_A.U5,L_B.U10,L_C.U10,L_C.U11,L_C.W19,L_C.W27,L_C.W38,L_E.U12,L_E.U30,L_E.U32,L_E.U35,L_E.W33,L_E.W34,L_E.W35,L_E.W37,L_E.W38,L_F.U2,L_F.W3,L_F.W4,L_G.U6,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,
Medical speciality chosen by the student-Imaging Diagnostics	12	180									180				Credit	Accompanying and active participation in - routine activities of radiology department staff (doctors, technicians)- radiological consultations-scheduled clinical-radiological meetings	L_A.U4,L_A.W2,L_B.U2,L_B.W6,L_B.W8,L_B.W9,L_E.U16,L_E.W14,L_F.U7,L_F.W10,L_G.W12,L_K04,L_K05,L_K06,L_K07,L_K08,
Medical speciality chosen by the student- Laryngology	12	180									180				Credit	Practical skills of otorhinolaryngological, audiological and otoneurological examination and basic manual/surgical procedures.	L_A.U1,L_A.U3,L_A.U4,L_A.U5,L_A.W2,L_A.W3,L_B.W33,L_C.U10,L_C.U11,L_C.U15,L_C.U16,L_C.W12,L_C.W17,L_C.W18,L_C.W19,L_C.W31,L_D.U14,L_D.U16,L_D.U2,L_D.U3,L_D.U5,L_D.U6,L_D.U7,L_E.U1,L_E.U12,L_E.U14,L_E.U16,L_E.U17,L_E.U2,L_E.U29,L_E.U3,L_E.U32,L_E.U36,L_E.U38,L_E.U4,L_E.U6,L_E.W23,L_E.W24,L_E.W39,L_E.W6,L_F.U2,L_F.U25,L_F.U26,L_F.U3,L_F.U4,L_F.U9,L_F.W1,L_F.W12,L_F.W2,L_F.W3,L_F.W4,L_G.U6,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Medical speciality chosen by the student- Neurology	12	180									180				Credit	Students are prepared to react to acute neurological conditions, order tests needed to diagnose and propose possible therapeutic and prevention strategies for the patients basing on scientific (level of evidence) data.	L_G.W12,L_E.W14,L_K09,L_K06,L_C.W33,L_G.U6,L_F.U22,L_K07,L_K05,L_K04,L_K03,L_K02,L_K01,L_E.U7,L_E.U38,L_E.U37,L_E.U32,L_E.U3,L_E.U20,L_E.U16,L_E.U12,L_D.U6,L_D.U3,L_D.U18,L_D.U15,L_D.U14,L_D.U11,L_F.W6,L_F.W15,L_F.W13,L_E.W40,L_E.W34,L_E.W28,L_E.W13,L_E.W11,L_D.W8,L_D.W5,L_D.W4,L_D.W15,L_C.W32
Medical speciality chosen by the student-Oncology	12	180									180				Credit	Practical aspects of oncological patient treatment, including chemotherapy. Radiotherapy planning and execution. Taking care of the patient during and after oncological treatment. Treatment side-effects management. Basics of clinical trials.	L_C.W23,L_D.W20,L_E.U32,L_E.U38,L_E.W23,L_E.W24,L_E.W25,L_E.W26,L_E.W29,L_F.U6,L_G.U6,L_K01,L_K04,L_K06,L_K08,L_K09,
Medical speciality chosen by the student- Ophthalmology	12	180									240				Exam	Vision testing methods. Anterior and posterior eye segment examination methods. Qualifying for surgery. Presence during the operations and postoperative process.	L_A.U2,L_A.U3,L_A.U4,L_A.W2,L_A.W3,L_B.U13,L_C.U11,L_C.U14,L_D.U11,L_D.U13,L_D.U15,L_D.U16,L_D.U17,L_D.U3,L_D.U4,L_D.U5,L_D.U6,L_D.U7,L_E.U16,L_E.U17,L_E.U18,L_E.U19,L_E.U20,L_E.U22,L_E.W9,L_F.U1,L_F.U19,L_F.U2,L_F.U20,L_F.U22,L_F.W1,L_F.W10,L_F.W11,L_K01,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,
Medical speciality chosen by the student- Rehabilitation	12	180									120				Exam	Principles of rehabilitation in the following disorders: neurologic, cardiac, pulmonary, orthopaedic with attention to the Polish Model of Rehabilitation and current WHO guidelines.	L_A.W2,L_B.U11,L_B.U8,L_B.W24,L_B.W25,L_B.W9,L_C.W37,L_D.U1,L_D.U17,L_D.W3,L_E.U13,L_E.U22,L_E.U38,L_E.W29,L_E.W34,L_G.W12,L_G.W13,L_K01,L_K03,L_K08,
Medical speciality chosen by the student-Urology	12	180									180				Credit	The aim of the course is to familiarize students with the most common emergency conditions in urology, as well as dealing with these situations.	L_F.U1,L_F.U2,L_F.U23,L_F.U24,L_F.U3,L_F.U4,L_F.U9,L_F.W4,L_K04,L_K06,L_K09,

Pediatrics	8	120									180				Credit	Taking the interview, practicing physical examination, observation/ assistance of procedures conducted in the clinics, keeping medical documentation, interpretation of laboratory and radiological results, discussion about interesting cases.	L_C.W19,L_C.W33,L_C.W37,L_C.W38,L_D.U11,L_D.U12,L_D.U14,L_D.U15,L_D.U16,L_D.U4,L_D.U5,L_D.U6,L_D.U8,L_D.U15,L_D.W16,L_D.W20,L_D.W5,L_D.W8,L_E.U12,L_E.U14,L_E.U16,L_E.U2,L_E.U28,L_E.U29,L_E.U32,L_E.U4,L_E.U7,L_E.U8,L_E.U9,L_E.W28,L_E.W3,L_E.W39,L_E.W4,L_E.W6,L_F.W1,L_F.W10,L_F.W7,L_G.U5,L_G.W12,L_K01,L_K03,L_K05,L_K06,L_K07,L_K08,L_K09,
Psychiatry	4	60									180				Credit	Psychiatric examination. Mental state description. Diagnostic criteria for schizophrenia, mood disorders, anxiety disorders, substance use disorders, dementia, eating disorders and personality disorders. Side effects of medications.	L_D.W10,L_D.W11,L_E.U5,L_E.W15,L_E.W16,L_E.W17,L_E.W18,L_E.W19,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K09,
Surgery	8	120									180				Credit	Surgery on the 6th year is a culmination of Surgery course. During it students will use all their skills for independent medical work.	L_D.U11,L_D.U12,L_D.U14,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.U24,L_E.U25,L_E.U28,L_E.U29,L_E.U3,L_E.U30,L_E.U32,L_E.U35,L_E.U38,L_E.U7,L_E.W28,L_E.W29,L_E.W9,L_F.U1,L_F.U12,L_F.U2,L_F.U21,L_F.W1,L_F.W10,L_F.W14,L_F.W15,L_F.W3,L_F.W4,L_F.W5,L_F.W6,L_F.W8,L_G.W10,L_G.W18,L_K01,L_K02,L_K03,L_K04,L_K05,L_K06,L_K07,L_K08,L_K09,

* the number of hours assigned to the summer semester may include classes available throughout the year or in the block system