Recomended pass through the study plan

Name of the pass: Radiological Assistant 15/16, 16/17, 17/18, 18/19, 19/20, 20/21

Faculty/Institute/Others: Department: Pass through the study plan: Radiological Assistant - full-time Branch of study guranteed by the department: Welcome page Guarantor of the study branch: Program of study: Specializations in Health Service Type of study: Bachelor full-time

Note on the pass: Informaci o p edepsaném minimálním po tu PV p edm t pro konkrétní jednotlivé semestry najdete v odpovídajícím studijním plánu oboru.

Coding of roles of courses and groups of courses:

P - compulsory courses of the program, PO - compulsory courses of the branch, Z - compulsory courses, S - compulsory elective courses, PV - compulsory elective courses, F - elective specialized courses, V - elective courses, T - physical training courses

Coding of ways of completion of courses (KZ/Z/ZK) and coding of semesters (Z/L):

KZ - graded assessment, Z - assessment, ZK - examination, L - summer semester, Z - winter semester

Number	of	semester:	1
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Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
17PBRAOF1	Human Anatomy and Physiology I	Z	5	2P+2S	Z	Z
17BOZP	Occupational Safety and Health, Fire Protection and First Aid Petr Kudrna Petr Kudrna (Gar.)	Z	0	1P	Z	Z
17PBRMT	Medical Terminology	KZ	2	1S	Z	Z
17PBRPPP	Pre-Medical Assistance and Care	Z,ZK	3	1P+1C	Z	Z
17PBRRDB	Radiobiology	KZ	4	2P	Z	Z
17PBRRF1	Radiological Physics I.	Z,ZK	4	2P+1C	Z	Z
17PBRVKM	Selected Chapters in Applied Mathematics	Z,ZK	4	1P+2C	Z	Z
17PBRZBF	Medical Biophysics Jozef Rosina	Z,ZK	2	1P+1C	Z	Z
17PBRZET	Medical Ethics	KZ	2	2P	Z	Z
17PBRZLN	Health Legislation and Standards	Z,ZK	2	1P+1S	Z	Z
17PBRAOT	English-Language Terminology	KZ	2	2S	Z	S
17PBRROT	Russian Language - Terminology	KZ	2	2S	Z	S

	Name of the course / Name of the group of courses					
Code	(in case of groups of courses the list of codes of their members)	Completion	Credits	Scope	Semester	Role
	Tutors, authors and guarantors (gar.)					
17PBRAOF2A	Human Anatomy and Physiology II	Z,ZK	4	2P+2S	L	Z
17PBRERF	Radiation Protection Jana Hudzietzová	Z	1	1C	L	Z
17PBRIOP	Individual Nursing Practice	Z	4	4XT	L	Z
17PBRISZ	Information Systems in Healthcare	KZ	2	1P+1S	L	Z
17PBRKVZ	Communication in Healthcare	KZ	1	1C	L	Z
17PBROOP	Professional Nursing Care	Z	3	2XT	L	Z
17PBRPTD	Devices in Radiology	Z,ZK	2	1P+1C	L	Z
17PBRRAOA	Radiation Protection	ZK	2	2P	L	Z
17PBRFY2	Radiological Physics II.	Z,ZK	3	2P+1C	L	Z
17PBRZSP	Fundamental Sciagraphic Projections	Z	2	1P+1C	L	Z
17PBRZCHB	Fundamentals of Medical Chemistry and Biochemistry	ZK	1	1P+1C	L	Z
17PBRZPE	Fundamentals of Pedagogy and Education	KZ	1	2P	L	Z

17PBRZTO	Fundamentals of Nursing Theory	KZ	2	1P+1C	L	Z
17PBRZPS	Medical Psychology	KZ	2	1P+1C	L	Z

	Name of the course / Name of the group of courses					
Code	(in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
17PBRKR1	Conventional Radiology I	Z	2	1P+1C	Z	Z
17PBRKZP1	Conventional Imaging Procedures I - Practical Lessons	Z	5	4C	Z	Z
17PBRNM1	Nuclear Medicine I	KZ	2	1P+1C	Z	Z
17PBROTP	Orthopedics and Traumatology of the Locomotor Apparatus	ZK	2	2P	Z	Z
17PBRPTR	Devices in Radiotherapy	KZ	1	1P	Z	Z
17PBRRAD1	Radiodiagnostics I	KZ	2	1P+1C	Z	Z
17PBRRA1	Radiotherapy I	KZ	2	1P+1C	Z	Z
17PBRRA	X-ray Anatomy	Z,ZK	2	1P+1C	Z	Z
17PBRZKO1A	Principals of Clinical Branches I	Z	4	2P+2C	Z	Z
17PBRZPF	Fundamental Pathophysiology	ZK	2	2P	Z	Z
17PBRZP	Fundamentals of Pathology	ZK	3	2P	Z	Z
17PBREICH	Epidemilogy of Infectious Diseases	KZ	3	2P	Z	S
17PBRITR	Information Technologies	KZ	3	2P	Z	S

Number of ser	mester: 4					
Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
17PBRIPR	Individual Summer Practice Jana Hudzietzová	Z	3	160XH	L	Z
17PBRKR2	Conventional Radiology II	ZK	1	1P	L	Z
17PBRKZP2	Conventional Imaging Procedures II - Practical Lessons	KZ	2	4C	L	Z
17PBRMAZ	Management and Administration in Healthcare	KZ	2	1P	L	Z
17PBRNM2	Nuclear Medicine II	Z	2	1P+1C	L	Z
17PBRPSB	Block Practical Training During the Semester (11th to 14th week) Jana Hudzietzová	Z	3	160XH	L	Z
17PBRPTN	Devices in Nuclear Medicine	KZ	2	1P+1C	L	Z
17PBRRAD2	Radiodiagnostics II	Z	1	1P	L	Z
17PBRRKA	Radiological Case Report	Z	1	1S	L	Z
17PBRRA2	Radiotherapy II Pavla Bu i ová	Z	3	2P+1C	L	Z
17PBRSBK	Bachelor Thesis Seminar	Z	1	0.5S	L	Z
17PBRTA	Topographic Anatomy	Z,ZK	2	1P	L	Z
17PBRVTU	Computed Tomography, Ultrasound	Z,ZK	3	2P+1C	L	Z
17PBRZKO2	Principles of Clinical Branches II	Z,ZK	3	2P+2C	L	Z
17PBRZPP	Fundamentals of the Psychotherapeutic Approach	KZ	1	1C	L	Z

Number of semes	ster: 5					
Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
17PBRAR	Angiography and Interventional Radiology	ZK	1	1P	Z	Z
17PBRMVP	Methodology of Scientific Research	Z	2	1P+1S	Z	Z
17PBRNM3	Nuclear Medicine III	Z,ZK	3	2P+1C	Z	Z
17PBRNMP	Nuclear Medicine - Practice	Z	4	4C	Z	Z

17PBRPZM	The Status of Imaging Methods in Clinical Diagnostics	KZ	2	1P	Z	Z
17PBRRZM	Radiological Imaging Methods - Training	Z	4	4C	Z	Z
17PBRRA3	Radiotherapy III Miloslav Pála, Ferdinand Tebický, Emanuela Kmoní ková, Iva Kepelková, Pavel Vítek, Ji í Kubeš, Pavla Bu i ová Ji í Kubeš Ji í Kubeš (Gar.)	Z,ZK	4	2P+2C	Z	Z
17PBRRAP	Radiotherapy - Training	Z	4	4C	Z	Z
17PBRVKR	Selected Chapters of Radiology - Specifics of Children's Age, Contrast Media & Traumatology	ZK	2	1P	Z	Z
17PBRZSI	Fundamentals of Statistics and Informatics	Z,ZK	2	1P+2C	Z	Z
17PBRZMR	Magnetic Resonance Imaging	Z,ZK	2	1P+1C	Z	Z

Code	Name of the course / Name of the group of courses (in case of groups of courses the list of codes of their members) Tutors, authors and guarantors (gar.)	Completion	Credits	Scope	Semester	Role
17PBRNMK	Nuclear Medicine - Practice Jana Hudzietzová	Z,ZK	7	80XH	L	Z
17PBRRZK	Radiological Imaging Methods-Clinical Practice	Z,ZK	9	200XH	L	Z
17PBRRKK	Radiotherapy - Clinical Training Pavla Bu i ová, Jana Hudzietzová Jana Hudzietzová (Gar.)	Z,ZK	8	120XH	L	Z
17PBRZBP	Bachelor Thesis Jozef Rosina Jozef Rosina (Gar.)	Z	6	4XT	L	Z

List of groups of courses of this pass with the complete content of members of individual groups

List of courses of this pass:

Code	Name of the course	Completion	Credits
17BOZP	Occupational Safety and Health, Fire Protection and First Aid	Z	0
17PBRAOF1	Human Anatomy and Physiology I	Z	5
17PBRAOF2A		Z,ZK	4
17PBRAOT	English-Language Terminology	KZ	2
The aim of the cour	se is to introduce the basic medical vocabulary related to radiology. Students learn basic vocabulary related to the anatomy of human	body and commun	nication with
	a patient.		
17PBRAR	Angiography and Interventional Radiology	ZK	1
Students are acqua	inted with imaging techniques in the examination of cerebral arteries, peripheral and central vascular bed, in the examination of the h	eart and in the exa	amination of
the venous system	n. They are furthermore acquainted with vascular as well as non-vascular interventional methods, with strategies of particular proced	ures and risks of ir	ntervention
	procedures. Basic information on angiographic and intervention instruments is presented.		
17PBREICH	Epidemilogy of Infectious Diseases	KZ	3
	inted with detailed methods employed in epidemiology of transmissible diseases and in epidemiology of the environment and with dis	seases of non-infe	ctious origin
	and are able to prepare and provide solution of a number of priorities of the public health protection.		
17PBRERF	Radiation Protection	Z	1
To acquaint stude	nts with the principles and tasks of radiation protection, without which they inevitably can not do any IT application and use of radionu	clides. They are s	ummarized
fundamental quanti	ties and units needed to quantify the exposure of individuals. Are discussed in detail issues associated with the determination of contribu	tions of individual	components
of irradiation (exter	nal and internal components) for total effective dose. Particular attention is paid to control the exposure of workers, residents and pati	ents. They include	the relevant
dose limits and the	ir interpretation in terms of the relevant legislative requirements. They also discussed emergency situations related to nuclear and rac	liation accidents. A	t the end of
	the main documents are presented and recommendations on radiation protection.		
17PBRFY2	Radiological Physics II.	Z,ZK	3
17PBRIOP	Individual Nursing Practice	Z	4
The individual nur	sing practice is presented next to the subject Special nursing practice and in enables the students to use theoretical knowledge and	practical skill obtai	ned by the
study of theoretical	and theoretical-practical study disciplines under conditions of clinical institutions. The clinical institutions for the teaching process are	selected based o	n standards
	established.		
17PBRIPR	Individual Summer Practice	Z	3
Practice will take p	ace in selected departments always under the supervision of a designated radiological physics lecturer and responsible of the techn	ical department. Ir	the course
of individual holida	ay experience, students in a practical form of practice theoretical knowledge in fields of conventional radiology, radiotherapy and nucle	ear medicine. They	should be
	ctly perform basic diagnostic and therapeutic procedures, to communicate with the patient and understand the organization of traffic a		

	Information Systems in Healthcare	KZ	2
The scope of the	subject is teaching of method of planning and implementation of application of information technologies in health services. In the inti	roduction, the stud	ent will be
acquainted with p	roblems of database systems in general. These are particularly hospital information systems, manager information systems, integrat	ion of healthcare i	nformation
	entation of systems for connection to the individual electronic health book, i.e. implementation of the interface between the information	-	
	nning visits of patients and supporting associated processes (which can be integrated into hospital integration systems), laboratory in		-
	S, DICOM, electronic archives, data storing and also outsourcing, which is one of variants how to effectively solve problems of hospitals	•	
for personal, financi	al and knowledge sources in innovation and administration of information systems. Attestation of information systems according to L		Sb support
	and safety of information systems in healthcare. eHealth - priority of the programme eEurope and crucial application for wide-band		2
17PBRITR	Information Technologies nts the students with problems of information technologies employed in radiology. Considerable attention will be paid to problems of	KZ	
	nentation, DICOM format, NIS, internet communication between particular subjects, interconnection of individual imaging modalities.		-
-	st widely employed user environments in radiology, software possibilities of adjustment, processing and reconstructions of the image		
intowicage of mos	most recent IT trends.		
17PBRKR1	Conventional Radiology I	7	2
	subject is to acquaint students with basic imaging techniques employed in radiodiagnostics. Special attention will be paid to classical	al skiagraphy and s	1
	f particular organ projections, the students will be acquainted with the risk nature of the discipline, protection from radiation, preparation		
examinations and c	ourse of basic and special conventional radiodiagnostic examinations. The target of the subject is to explain problems of making X-ray	images and provid	e orientation
	in a wide spectrum of radiodiagnostic projections.		
17PBRKR2	Conventional Radiology II	ZK	1
A subject presente	d next to conventional radiology I. The target of the subject is to deepen knowledge and extent it by knowledge of special examination	n projections and	procedures.
Special attention wi	Il be paid to the digitalization of the image in skiagraphic as well as skiascopic examinations. The students will be acquainted with the c	peration at X-ray d	epartments.
	They will master an outline concerning work of scanning tools and skiagraphic systems.	-	
17PBRKVZ	Communication in Healthcare	KZ	1
17PBRKZP1	Conventional Imaging Procedures I - Practical Lessons	Z	5
The subject is pre	sented next to the subject Conventional radiology. Theoretical knowledge based on teaching the subject will be trained in practice ar	nd supplemented b	y practical
	experience. Practical class will be conducted by an experienced registered radiological assistant.		
17PBRKZP2	Conventional Imaging Procedures II - Practical Lessons	KZ	2
Continuation of the	subject from the winter semester, second year. The subject is presented next to the subject Conventional radiology. Theoretical know	wledge based on t	eaching the
subject w	ill be trained in practice and supplemented by practical experience. Practical class will be conducted by an experienced registered ra	adiological assistar	nt.
17PBRMAZ	Management and Administration in Healthcare	KZ	2
The student is acq	uainted with the structure of the health sector and furthermore with model of financing health services. He/she will know problems o	f administrative pro	ocedures at
different types of	institutions and their necessary interconnections. He/she will be acquainted with specific features of certain health institutions and s	systems of Europe	an health
	institutions.		1
17PBRMT	Medical Terminology	KZ	2
17PBRMVP	Methodology of Scientific Research	Z	2
Students a	re taught how to read and write a scholarly text in the social sciences, how to write and lecture about science, how to write professio	nal work and a the	sis.
17PBRNM1	Nuclear Medicine I	KZ	2
The target of the s	ubject is to acquaint students with physical principles related to nuclear medicine where radioactive substances are used, prevalentl	y for diagnostic pu	2 rposes, but
The target of the s also for therapeutic	ubject is to acquaint students with physical principles related to nuclear medicine where radioactive substances are used, prevalentl purposes (mainly palliative therapy). It is particularly necessary to understand the role of radionuclides in radiopharmaceuticals used	y for diagnostic pu and also functions	2 rposes, but of particular
The target of the s also for therapeutic elements of imaging	ubject is to acquaint students with physical principles related to nuclear medicine where radioactive substances are used, prevalentl purposes (mainly palliative therapy). It is particularly necessary to understand the role of radionuclides in radiopharmaceuticals used g systems. Principles of imaging techniques are detailed based on single-photon and positron emission tomography and also on other to	y for diagnostic pu and also functions omographic metho	2 rposes, but of particular ds. Attention
The target of the s also for therapeutic elements of imaging is also paid to meth	ubject is to acquaint students with physical principles related to nuclear medicine where radioactive substances are used, prevalentl purposes (mainly palliative therapy). It is particularly necessary to understand the role of radionuclides in radiopharmaceuticals used g systems. Principles of imaging techniques are detailed based on single-photon and positron emission tomography and also on other to ods of establishing doses received by the patient due to internal irradiation. The area of radiation protection is also an important part	y for diagnostic pu and also functions pmographic metho of the teaching pro	2 rposes, but of particular ds. Attention pcess, which
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17PBRPSB	Block Practical Training During the Semester (11th to 14th week)	Z	3
	e implemented at special departments of the Central Military Hospital and Institute of Radiation Oncology, Faculty Hospital Bulovka u		
-	tants - physicists of the institutions. The students will train the mastered theoretical knowledge in practice in the fields of conventional adicine. They should be able to perform basic diagnostic and therapeutic procedures. The practice includes organization of work at pa		
17PBRPTD	Devices in Radiology	Z,ZK	2
	nction principle and X-ray imaging system review. Basic block scheme. Basic X-ray setup. Stable and mobile systems. Mamograph, Do	, ,	
• •	ay tube with stable and rotational anode. X-ray tube foci. X-ray tube parameters. Anode voltage, current, proton number and material		
Exposure and exp	ositional machine. X-ray detectors. X-ray TV systems. Image intensifier basic principle and parameters. DSA principle. Basics of digita	I radiography. Cate	egorization
	and review of the systems. CR systems. Direct and in-direct digital radiography. Basic criteria of the output image data qualit	-	
17PBRPTN	Devices in Nuclear Medicine	KZ	2
The main goal is to	give review of the technology for nuclear medicine with accent on the basic physical principles, technology structure, parameters, da		application
47000070	specifics in clinical practice. Students will able to consider of the application of the selected devices for selected purpose in clinical	-	4
17PBRPTR	Devices in Radiotherapy	KZ	1
17PBRPZM	The Status of Imaging Methods in Clinical Diagnostics hts students with a typical examination algorithm in different diseases. It shows them individual imaging techniques in particular pathole	KZ	2 forms them
The subject acquai	about diagnostic advantages and drawbacks of individual methods for particular diseases of patients.	Sylcar Infollogs. It in	
17PBRRA	X-ray Anatomy	Z,ZK	2
	The students are acquainted with details of imaging organs and body parts in X-ray images made by classical conventional proce		2
17PBRRA1	Radiotherapy I	KZ	2
	bject is to acquaint students with principles of the use of ionizing radiation in the treatment of malignant tumours. An outline is presente	1	therapeutic
methods including	applications of external beams of gamma radiation and electrons and also use of radioactive sources in brachytherapy. Radiotherap	eutic appliances u	sing 60Co
	tor are detailed. Attention is also paid the problems of the quality control and beam calibration. Problems are also discussed associated		, ,
	oses and certain specific requirements for radiation protection. In the lectures, new radiotherapeutic possibilities are also mentioned in		
and neavy charged	particles. Requirements are conclusively presented concerning radiation protection in the field of radiotherapy, the special attention bei their prevention and minimizing of their radiological consequences.	ng paid to radiatio	n accidents,
17PBRRA2	Radiotherapy II	7	3
	be acquainted with the importance of radiotherapy in context of complex oncological therapy, with types, principles of the function, us	∠ se of irradiation ter	-
	aspects of the radiotherapeutic technique operation, planning of the treatment, importance of dosage and fractionation in radiotherapy		-
	in radiotherapy.		
17PBRRA3	Radiotherapy III	Z,ZK	4
The student will be	e acquainted with the importance of radiotherapy in particular clinical diagnoses and method of irradiation in particular situations inclu	ding the use of fix	ation tools,
preparation for cor	ntrolling target volumes and critical organs, dose limits and administered doses, compilation of plans, performance of irradiation and e	evaluation of the ra	diotherapy
(quality.		
17PBRRAD1	Radiodiagnostics I	KZ	2
	ted at understanding the principle and function of particular elements of radiodiagnostic systems (X-ray tube, generator, film, amplifien age information). The students are familiarized with characteristics of the use of the interaction of X-rays for obtaining the diagnostic in		-
	modalities are considered including routine skiascopy, skiagraphy, computerized tomography and also specific questions concerning		
-	on is also paid to the control of quality and its effects on minimizing radiation load to patients. Principles of radiation protection are dis		
	the personnel as well as public. Possibilities of potential accidents in radiodiagnostics and their prevention are also considered	ed.	
17PBRRAD2	Radiodiagnostics II	Z	1
-	ubject is to acquaint students with principles of examination with X-rays, ultrasound and magnetic resonance. The students will maste		
	in contemporary medicine, risk nature, protection from radiation, preparation of patients for X-ray examinations and course of basic X	-	
17PBRRAOA	Radiation Protection	ZK	2
17PBRRAP	Radiotherapy - Training	Z	4
	acquainted with the practical form and problems of location of patients for radiotherapy, manufacture of fixating tools, blocks, performance ined image material for purposes of planning radiotherapy, basic principles of compiling irradiation plans. He/she will be able to perfo		
	performance of verification scans, use of image-directed radiotherapy. He/she should be oriented in the use of special techniques, su		
3 • 1 • • • •,	practice includes the work with therapeutic X-ray apparatus and with the operation of brachyradiotherapy.	, , ,	
17PBRRDB	Radiobiology	KZ	4
17PBRRF1	Radiological Physics I.	Z,ZK	4
17PBRRKA	Radiological Case Report	Z	1
	ubject is demonstration of most frequent pathological findings in X-ray documentation. Diagnostic possibilities of conventional radiolog	- 1	omography,
17PBRRKK	ubject is demonstration of most frequent pathological findings in X-ray documentation. Diagnostic possibilities of conventional radiolog digital subtraction angiography and magnetic resonance will be discussed.	- 1	omography,
The student will be a	digital subtraction angiography and magnetic resonance will be discussed. Radiotherapy - Clinical Training	gy, computerized to	8
	digital subtraction angiography and magnetic resonance will be discussed. Radiotherapy - Clinical Training acquainted with the practical form and problems of location of patients for radiotherapy, manufacture of fixating tools, blocks, performance	gy, computerized to Z,ZK e of planning CT ex	8 aminations,
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17000001		7	4
17PBRSBK Familiarization	Bachelor Thesis Seminar with the principles of information collection, processing and presentation of written and oral form, what is literature search, citation in	Z Idex. database.sp	1 ecialist
17PBRTA	Topographic Anatomy	Z,ZK	2
	bject is acquainting students with basic anatomy of the human body in the form of transverse sections and other standard planes em		1
-	ninations carried out based on computerized tomography and magnetic resonance. 3D models and other diagnostic computerized re		
	post-processing will be discussed.		
17PBRVKM	Selected Chapters in Applied Mathematics	Z,ZK	4
	The student is acquainted with extended knowledge of mathematics; the subject matter is practically trained in tutorials.		1
of patients. Speci	Selected Chapters of Radiology - Specifics of Children's Age, Contrast Media & Traumatology Ints students with special chapters of radiodiagnostics concerning examination of paediatric patients. Projections will be discussed, will fic features of radiation protection and system of work at paediatric X-ray working sites will also be considered. The students will also d in radiodiagnostics. Terminology, composition, use and undesirable reactions will be presented. Special chapter will be aimed at conver- at X-ray departments of traumatological centres. Computed Tomography, Ultrasound	master basic kno	wledge of
	nts students with principles of imaging with the help of computerized tomography. Assisting tools in CT examination of particular region	,	-
	tients for examination and procedures for administration of contrast media are described. The student is acquainted with post-process		
	ilities of filing. The students will master knowledge of the application of programmes of quality assurance and tests of operational stat		
-	ules of radiation hygiene in CT examinations. In the field of sonographic examinations the students are acquainted with principles of the	-	
mage, use of B-, M	-mode, colour Doppler analysis, harmonic imaging. Constructions of ultrasound instruments and differences in their equipment are des	scribed. Assisting	components
	in sonographic imaging of particular organs and relevant sonographic anatomy are presented.		
17PBRZBF	Medical Biophysics	Z,ZK	2
17PBRZBP	Bachelor Thesis	Z	6
ndependent final p	roject for the Bachelor's degree study program. Student will choose a topic from a range of topic related to his or her branch of study t	-	ed by branch
	department. The Bachelor's project wil be defendend in front of the board of examiners for the comprehensive final examinati		1
17PBRZCHB	Fundamentals of Medical Chemistry and Biochemistry	ZK	1
17PBRZET	Medical Ethics	KZ	2
Subject introduces	students to fundamental ethical issues in medical ethics due to future professional orientation. It develops students' ability to think in e	thical contexts, dis	scuss, argue
	and defend their views in ethical dilemma situations, which brings medical environment.		
17PBRZKO1A	Principals of Clinical Branches I	Z stmont Emphasiz	4
	quainted with principal problems of particular clinical branches, with most important features of diseases and possibilities of their trea seases principally contributing to the mortality in the Czech Republic and those, in which non-pharmacological prevention is effective	-	= is put on
17PBRZKO2	Principles of Clinical Branches II	Z.ZK	3
	ainted with basic problems of particular clinical disciplines, with most important features of diseases and possibilities of their treatment.	,	-
	principally contributing to the mortality in the Czech Republic and to those, in which non-pharmacological prevention is effective and		
17PBRZLN	Health Legislation and Standards	Z,ZK	2
	rmation of healthcare legislation. Law on public health. Law on professional capability of performing healthcare professions and furthe	,	1
-	ealthcare professions) and appropriate executive regulations. EU directives related to means of healthcare technique. Law on technica		
Decision of the gov		-	-
-	rernment concerning the law on technical requirements for products. Atomic Act and its application to the healthcare sector. Formatio	n of technical star	ndardization
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