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Educational Institution "BELARUSIAN STATE MEDICAL UNIVERSITY"

Rector of the Belarussian State

Medical University A 5

Registration No. 7-07-09-11-01/rep/mf

Educational Plan
Speciality 7-07-0911-01 General Medicine
Medical Faculty for International Students
Type of training - on-site training

Qualification - Physician Degree: Master Training period - 6 years

> КОНТРОЛЬНЫЙ ЭКЗЕМПЛЯР

II. Time schedule (in weeks)

I. Schedule of the editational process	II. I ime	e schedule	e (in week	(S)
September December December January February March April May June July August	ing	S Sub	. = 0	
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	37	1	3	2 43
	214	27 3	16 3	41 303
References: — Theoretical :— Examination 0— Practical X— Work experience =— Vacations // — Final academic				

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1.1	Module of Social and Humanitarian Disciplines																																											
	History of Belarusian Statehood		2	108		26			28				108	54	3																													C-9
1.1.2	Philosophy		3	108	54	28	3		26	5					1	08	54	3																									UC	C-8
1.2	Linguistic Module	18 19																																									-	11
1.2.1	Russian Language as Foreigh Language	2, 4	1, 3, 6d		770			770	0	275	228	7	200	162	5 1	82 1	52	5 1	60 12	26 4	4 72	54		66	48	3																		
1.2.2	Latin Language		2d	160	72			7:	2	80	38		80	34	4																													
1.3	Module "Information Technologies in Health Care"																																										U(	IC- 1,2
1.3.1	Informatics in Medicine		2	108	36			36	6				108	36	3																													
1.3.2	Biomedical Statistics															00	26	2																										
1.4	Natural Science		3	108	36	6		30	U							80	36	3										4																
1.4.1	Module Medical Biology and General			040	000	40	70			100	44	0	400	40	2																												BP	
1.4.2	Genetics Medical and	2		216		16								42																													ВР	
1.5	Biological Physics  Morphological  Module	2	1	216	86	16	43	27	/	108	44	3	108	42	3																												2	2
1.5.1	Human Anatomy	3	1. 2	414	222	26	196			108	63	3	198	95	6 1	08	64	3																									BP 3	°C-
1.5.2	Histology, Citology, Embriology	3			138								108	68	3 1	14	70	3																									BP 4	°C-
1.6	Chemical Module																																											
1.6.1	Medical Chemistry		1	90	44	8	36			90	44	3																																5
1.6.2	Bioorganic Chemistry		1д	108	66	12	54			108	66	3																															BP 6	C- 6
1.7	Module "Medical Care"																																									999		
1.7.1	First Aid	1		90	40	10		30	0	90	40	3																															BP	
1.7.2	Medical Care and Practical Skills	4	3	216	133	28		105	5						1	08	68	3 10	08 6	55 3	3																						BP 1:	PC- 12
1.8	Biomedical Module #1																																											
1.8.1	Biological Chemistry	4	3	228	153	48	105								1	14	78	3 1	14 7	5 3	3																						BP 1:	13
1.8.2	Normal Physiology	4	3	324	182	42		140	0						1	80	94	5 1	44 8	88 4	1																						BP 7	PC- 7

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1.9	Medical- prophylactic Module																																						V 40			7		
1.9.1	General Hygiene		3, 4d	210	74	16		58	3						10	8 4	40	3 10	)2	34 3	3																						E	BPC- 8
1.9.2	Microbiology, Virology, Immunology	5			141		105	00														20 7	2 3																				100	BPC- 10
1.9.3	Radiation Medicine and Ecology	5		216																44 3			4 3																					EPC-
1.9.4	Epidemiology			108				36	3													08 4																					E	EPC- 4
1.10	Biomedical Module #2																															in.												
1.10.1	Pathologic	0		040	400	00		00													11	0 6	F 2	100	E7	2																		EPC-
1.10.2	Anatomy Pathologic	6		218				96	120													0 6													14.319	11/0								EPC-
1.10.3	Physiology Pharmacology	6		228				99													1			108																			201000	6 BPC-
1.10.3	Component of	6	5	246	153	48		105	5												12	26 8	1 3	120	72	3				3														10
2.1	Institutions Introduction to the Specialty			9096	5361	664		4636	6 61	90	34	3	108	59	3			21	16	98 6	37	74 21	9 6	600	337	18	1134	684 2	21 107	6 60	03 33	996	549	27	774	442	22	1150	704	33	896	574	27	
2.1.1	Module Biomedical Ethics		2	108	59	14			45				108	59	3																												Ş	SC-1
2.1.2	History of Medicine		1	90						90	34		100	00																														SC-2
2.2	Therapy Module #1																																								105			
2.2.1	Propaedeutics of Internal Diseases	6	4, 5	336	170	32		138	3									10	8	46 3	3 12	20 6	6 3	108	58	3																	ç	SC-6
2.2.2	Radiodiagnosis and Radiotherapy		64	138	86	20		66													6	8 4	5	70	41	3																	5	SC-7
2.3	Surgical Module		ou	130	00	20		00														70 4		70																		end	"	
2.3.1	General Surgery	6	4, 5	336	176	32		144	1									10	8	52 3	12	20 6	6 3	108	58	3																	5	SC-8
2.3.2	Topographic Anatomy and Operative Surgery	7	6	196	100	20		80	)									and the second second second						98	50	3	98	50	3															SC-9
2.4	Disaster Medicine		6	138	92	26		66	3												6	66 4	2	72	50	3																	100	SC- 10
2.5	Therapy Module #2																																											
2.5.1	Dermatovenerology	7	6	188	96	20		76	3															98	50	3	90	46	3															SC- 11
2.5.2	Phthisiopulmonology		8d, 11	222	123	28		95	5																		72	48	6	0 3	36 3							90	39	3				SC- 11
2.5.3	Neurology and Neurosurgery		7, 8d	216	106	28		78	3																		108	58	3 10	8 4	18 3												0000	SC- 11
2.5.4	Outpatient Therapy			216				90																			108	54	3 10	8 4	12 3													SC- 12
2.6	Surgical Module #2		.,, 0																																									
2.6.1	Otorhinolaryngology and Dentistry		7d	134	88	16		72	)															46	30		88	58	3															SC- 13
2.6.2	Ophthalmology		8					48																					10	8 5	58 3												100	SC- 13
2.6.3	Anesthesiology and																																											SC-
	Reanimatology  Mental Health	8		120	76	10		66	6																		72	46	4	8 3	30 3													14 SC-
2.7	Module	9																																6										15
2.7.1	Psychiatry and Narcology			140	86	20		66	5																				6	0 4	10	80	46			6.5								
2.7.2	Medical Psychology			80	42	12		30	)																							80	42											0.0
2.8	Internal Diseases Module	10																4																			3							SC- 16
2.8.1	Internal Diseases	8	7, 9	420	257	48		209																			138	92	3 11	2 7	74 3	90	42	3	80	49								
2.8.2	Clinical Immunology and Allergology		9	90	40	10		30																								90	40	3										
2.8.3	Professional Diseases			54	34	10		24																											54	34								

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9	Therapy Module #3						-																																							
9.1	Infectious Diseases	9		138	92	20		72																							72	48		66	44	3										9
9.2	Endocrinology	- 0	F 3.	108				36																							,,,	10														0)
.9.3	Physical Therapy and Medical Rehabilitation			136				77																													74	48		62	41	3				8
9.4	Clinical Pharmacology	11		118				70																																118		3				00
	Emergency Cardiology and	11		110	70	C	)	70																																110	70	3				
9.5	other Emergency Conditions		11	94	62	20		42																																94	62	2 3			1	S
10	Surgical Module #3																																													5
10.1	Surgical Diseases	8, 10		338	214	40		174																				108	70		92	50	5	64			74									
	Oncology Traumatology and	10		154	100	16	6	84																										64	48		90	52	4							
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11	Obstetrics and Gynecology Module		10	108	53	Ö	)	45																													00	55	3							Si 2
11.1	Obstetrics and Gynecology	8, 10		294	192	30		162																				84	56		72	44	4	72	48		66	44	3							
12	Public Health and Healthcare Management	9		122	80	20		60																							68	45		54	35	3										SO
13	Clinical Pathology and Clinical Diagnosis Module		7																											3																
13.1	Clinical Pathological Physiology			44	26	8		18																				44	26																	Si
13.2	Clinical Assessment of Laboratory Tests			46	28	4		24																				46	28																	S
13.3	Forensic Medicine		10	108	46	10		36																												1	08	46	3							S 2
14	Pediatric Module																																													S 2
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14.3	Diseases Pediatric Surgery			108 120				36 48																							108	48		120	58	3										
	General Clinical Practice Sub- Residency Module				1058			1050																																						S
	Therapy		11																																							4				11, 15,
	Endocrinology Outpatient			54	35			35																																54	35					
15.2	Therapy  Dermatovenero-			54	35			35																																54	35					
15.3	logy Psychiatry and			54	35			35																																54	35					
15.4	Narcology  Internal Diseases		11 11,	90	2			42																					146											90	148					
	Pediatrics		12		239 91	8		231 91																8																	85 91		258	154	9	
	Infectious and Parasitic Diseases Infectious		11	. 17	51																																					4				S 11
15.7	Diseases Pediatric			90	56			56																																90	56					
15.8	Infectious Diseases			54	35			35																																54	35					
15.9	Tropical and parasitic diseases		12		105			105							,				Annual Control of the																								158	105		S
	Surgery		11, 12																																							3				21 BF
	Urology Oncology			54				35 35																																54 54						
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Nº	Title of the training module, disciplines	Exams	Credit tests	Total hours	Class hours	Lectures	Laboratory practicals	Skills building sessions	Workshops	Total hours	y	Credits Total hours			Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits Total bours	- Otal Hours	Class hours Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Competency
2.15.13	Anesthesiology and Reanimatology			54	35			35																																54	35		
2.15.14	Traumatology and Orthopedics			54	35			35																																54	35		
2.15.15	Surgical Diseases		12	168	112			112																																168	112	5	
2.15.16	Obstetrics and Gynecology		12	168	112			112																																168	3 112	5	
2.16	Additional Courses																																										
2.16.1	Physical Education			/354	/354			/354		/38	/38	13	36 /3	36	/38	/38		/36	/36		/38	/38	13	34 /	34	/40	/40		/34	/34		/34	/34	/2	6 /2	6							UC- 14
2.16.2	Elective <sup>3</sup>		/9	100000	, 17 (T 10 a m)			/25																								/40	/25										
2.16.3	Additional Courses <sup>3</sup>		/1-4																																					(E)			UC- 4,7, 10,12, 13,15 EPC- 1,2
2.17	Additional types of training																																										
2.17.1	Philosophy and methodology of science <sup>4</sup>	/12		/124	172	/40			/32																												/64	1 /4	10	/60	/32	/3	UC-1
2.17.2	Foreign language <sup>4</sup>	/12		/142	12 13 200 15	2015		/96																													/66	6 /4	4	176	/52	/4	UC-3
2.17.3	Fundamentals of information technology <sup>4</sup>		/11d		/50			/24																										/3	6 /1	6	/36	3 /3	34 /2	2			UC-2
Amo	unt of session training							6046	445	40==	604	20 44	26 5	02 22	4420	CEC	24	1000	E00	20 4	120	647	24 40	02 5	571 30	1424	604	24	1076	603	33	906	540	77	1 11	2 2	1150	70	04 33	3 800	57/	27	
	unt of session ing hours per week			14221	8280	1126	199	0240	115		30	20(11)	33			35	31		35	29 1		84	24 10	3		1134	34	21		35	33		2	-1 11	34		1130	35		330	34	21	
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Amo	unt of credits		67								7		6			7			5			6			5		5			6			4		2			8			6		

IV. Practical	encione

## V. Work experince practical training

## VI. Final academic assessment

Name of practical				Name of the practical course	Semester	Week	Credits	State exam:
Name of practical sessions	Semester	Week	Credits	Nursing with manipulative techniques Practice	6	4	6	1. Internal Diseases
1. Introductory Practice	1	1	2	2. Outpatient Practice	8	4	6	2. Surgical Diseases
2. Medical Care	4	2	3	3. Clinical inpatient Practice	10	8	11	3. Obstetrics and Gynecology

## VII. Competence matrix

Competence code	Name of competence	Module code, discipline code
UC-1	Apply methods of scientific cognition in research, generate and implement innovative ideas	2.17.1
UC-2	Solve professional, scientific and innovative tasks based on the use of information and communication technologies	2.17.3
UC-3	Carry out communications in a foreign language in an academic, scientific and professional environment for the implementation of research and innovative activities	2.17.2
UC-4	Provide communications, demonstrate leadership skills, be capable of team organization and development of strategic goals and objectives, be tolerant to social, ethnic, religious, cultural and other differences	1.11
UC-5	Be capable of self-development and improvement in professional activity, develop innovative competence and ability to innovative activity	1.3
UC-6	Take the initiative and adapt to changes in professional activity, be able to predict the conditions for the implementation of professional activity and solve professional tasks in conditions of uncertainty	1.7.1
UC-7	Possess the ability to formulate personal ideological principles based on the feat of the Belarusian people and the historical lessons of the Great Patriotic War, preserve and multiply the historical memory of the role of the Soviet Union and its peoples in the Victory over German Nazism, pass to new generations the historical truth and norms of behavior, values and traditions developed by the Belarusian people during the period of overcoming the tragic events of the Great Patriotic War	2.1.1
UC-8	Possess modern culture of thinking, a humanistic worldview, an analytical, innovative and critical style of cognitive, socio-practical and communicative activity, use the fundamentals of philosophical knowledge in direct professional activity, independently assimilate philosophical knowledge and build a personal worldview position on this basis	1.1.2
UC-9	Have the ability to analyze the processes of state-building in different historical periods, identify the factors and mechanisms of historical changes, determine the socio-political significance of historical events (personalities, artifacts and symbols) for modern Belarusian statehood, perfectly use the established patterns in the process of forming civic identity	1.1.1
UC-10	Have the ability to analyze the economic system of the society in its dynamics, the laws of its functioning and development to understand the factors of emergence and directions of development of modern socio-economic systems, their ability to meet the needs of people, identify factors and mechanisms of political and socio-economic processes, use economic analysis tools to assess the political process of economic decision-making and the effectiveness of economic policy	2.16.2
UC-11	Carry out communications in a foreign language in professional activity, use the knowledge of word formation, pronunciation when using Greek-Latin medical terminology	1.2
UC-12	Analyze the processes taking place in the society, carry out their sociological diagnostics, predict, anticipate or minimize the consequences of crisis phenomena in different spheres of life of modern society	2.1.2

Competence	Name of competence	Module code discipline cod
UC-13	Apply methods of studying the health of the population for the organization and implementation of preventive and protective	2.1.2
UC-14	behavior Use the means of physical culture and sports for maintaining and promoting health, as well as preventing diseases	2.16.1
UC-15	Have the ability to competently use the fundamentals of legal knowledge in various spheres of life, possess the skills of searching for normative legal acts, analyzing their content and applying them in professional activity	2.1.2
UC-16	Solve standard professional tasks based on the use of information and communication technologies, possess the skills of analysis of the content of scientific publications and apply its results in professional activity	1.3
BPC-1	Work with optical devices, compile a human(patient) lineage, solve problems in molecular biology, general and medical genetics, parasitology, define pathogens of parasitic diseases and their carriers on macro - and micro-preparations	1.4.1
BPC-2	Apply the basic biophysical patterns and knowledge concernig the general principles of medical equipment functioning to solve the problems of professional activity	1.4.2
BPC-3	While providing medical care use knowledge about the patterns of the human body development and anatomical structure, its systems and organs, taking into account age, gender and individual characteristics	1.5.1
BPC-4	While providing medical care use knowledge about the structure of the human body at tissue, cellular and subcellular levels, human embryogenesis and its pathology	1.5.2
BPC-5	Use modern chemical, physical & chemical methods to analyze biological fluids, solutions of medicinal substances and biopolymers to make calculations based on the studies conducted	1.6.1
BPC-6	Assess the properties of natural and synthetic organic compounds, potentially dangerous substances for the human body, predict their behavior in different biological environment	1.6.2
BPC-7	Assess the indicators of a healthy and sick person physiological state on the basis of knowledge about the patterns of functioning and regulation of the human body vital activity, its organs and systems	1.8.2
BPC-8	Use knowledge about the laws of the environmental factors impact on human health, apply methods of hygienic assessment of the human environment to develop basic preventive health-preserving measures	1.9.1
BPC-9	Use knowledge about the pharmacological properties of medicines, master the principles of choosing rational pharmacotherapy to treat and prevent diseases and pathological conditions of the human body	1.10.3
BPC-10	Apply knowledge about the main characteristics of microorganisms causing human infectious diseases, the patterns of the immune system functioning, the mechanisms of disease development in case of microbiological assessment	1.9.2
BPC-11	Provide first aid in accidents, injuries, bleeding, poisoning and other conditions threatening human life and health	1.7.1
BPC-12	Provide medical care for patients, perform nursing medical and diagnostic manipulations, apply methods allowing to organize medical waste collection and sterilization of medical devices	1.7.2
BPC-13	Use knowledge about the molecular basis of the vital activity processes in the human body in normal and pathological conditions, apply the basic methods of biochemical investigation for disease diagnosis	1.8.1
EPC-1	Apply regulatory legal acts to regulate legal relations in the field of healthcare, pre-trial settlement of disputes, analysis of corruption risks, prevention of corruption violations	2.1.2
EPC-2	Use psychological and pedagogical knowledge about the goals and types of communications, the organization of the communicative process in healthcare, apply effective communication methods in resolving conflict situations in medicine	2.1.3
EPC-3	Use knowledge about the risks of development and pathogenetic mechanisms of formation of radiation and ecology induced pathology, apply the methods of individual and population based prevention of diseases and pathological conditions caused by chronic low-dose physicochemical and biological effects	1.9.3
EPC-4	Use knowledge about the epidemic process patterns and methods of their study, immunoprophylaxis of infectious diseases, principles of epidemiological examination of infectious diseases focal areas, organize preventive, sanitary and anti-epidemic measures for intestinal, aerosol infections and infections with a predominantly parenteral mechanism	1.9.4
EPC-5	Use knowledge about the etiology, pathogenesis, morphological features of general pathological processes and diseases at different stages of their development, the causes and mechanisms of dying (thanatogenesis), interpret the results of pathoanatomical methods of sectional, biopsy and surgical material investigation, apply methods of clinical and anatomical analysis to make clinical and pathoanatomical diagnosis	1.10.1
EPC-6	Use knowledge about the etiology and pathogenesis of general pathological processes, typical forms of the human body organs and systems pathology while conducting pathophysiological assessment of the laboratory investigation data	1.10.2
SC-1	Apply the principles and norms of biomedical ethics, ethical and deontological principles to provide medical care, assess conflict situations in medicine	2.1.1
SC-2	Assess the current medical theories on the basis of knowledge about the ways and methods of organizing and providing medical care	2.1.2
SC-3	Apply methods for calculating, analyzing and predicting health indicators of the population, use knowledge about the principles, types, forms and conditions of providing medical care to the population to plan the key performance indicators of health organizations, develop and make management decisions, assess medical, social and economic efficiency	2.12
SC-4	Perform pathophysiological analysis of disease symptoms and syndromes, including the data of clinical, laboratory and other methods of patient examination	2.13.1
SC-5	Develop a laboratory examination plan and interpret laboratory indicators	2.13.2
SC-6	Carry out clinical examination of patients based on the knowledge about the semiotics of adult organs and systems lesions	2.2.1
SC-7	Examine patients' condition applying radiation diagnostic methods, identify the main radiation symptoms and syndromes of human diseases applying the combined radiation imaging techniques and radiation therapy	2.2.2
SC-8	Apply methods of examination, diagnosis, and primary care for the most common surgical diseases	2.3.1
SC-9	Use knowledge about the human body structure, topography, functions of organs and systems taking into account the age aspect while performing basic surgical manipulations	2.3.2
SC-10	Organize and provide medical assistance in emergency situations	2.4
SC-11	Use knowledge of clinical symptoms, apply methods of patient examination, diagnosis and differential diagnosis, principles of treatment and prevention, make clinical diagnosis of dermatovenerological pathology, tuberculosis, major neurological and infectious diseases	2.5.1-2.5.3 2.9.1, 2.15.1 2.15.2
SC-12	Organize and provide primary medical care of adults on an outpatient basis, conduct examination of temporary disability, provide emergency medical care prior to hospitalization	2.5.4, 2.15.

Competence code	Name of competence	Module code, discipline code
SC-13	Provide primary and specialized medical care for the most common otorhinolaryngological, dental, eye diseases and injuries, including urgent and life-threatening conditions	2.6.1, 2.6.2
SC-14	Perform general and local anesthesia, provide intensive care in emergency cases, apply cardiopulmonary resuscitation techniques in terminal conditions	2.6.3
SC-15	Apply psychodiagnostic and psychocorrective methods, principles of disease treatment and prevention, make a clinical diagnosis in case of mental pathology while providing psychiatric care	2.7, 2.15.1
SC-16	Provide primary and specialized medical care in cases of internal organs pathology, including urgent and life-threatening conditions, occupational diseases; conduct medical and social expertise of internal organs pathology, including occupational diseases; apply methods of tests interpretation for the diagnosis of autoimmune and allergic diseases, laboratory and immunological control data assessment during pathogenetic therapy	2.8, 2.15.1
SC-17	Provide primary and specialized medical care for endocrine diseases, emergency medical care for precomatose and comatose conditions of the endocrine origin	2.9.2, 2.15.1
SC-18	Assess the functional state and vital activity of the patient in case of the main disabling pathologies, choose the most effective means and methods for medical rehabilitation and physiotherapy	2.9.3
SC-19	Choose effective and safe medicines for the individual treatment of adult diseases	2.9.4
SC-20	Diagnose and provide emergency medical care for acute pathological conditions in cardiology, nephrology, gastroenterology and pulmonology	2.9.5
SC-21	Diagnose and provide primary and specialized medical care for surgical and urological diseases and the most common malignancies	2.10, 2.15.3
SC-22	Diagnose and apply the principles of the female genital organs pathology treatment, carry on management of pregnancy, provide medical care in childbirth and in the postpartum period, emergency conditions in obstetrics and gynecology	2.11, 2.15.3
SC-23	Conduct forensic medical examination of corpses and living persons, examine the corpse at the site of its discovery (accident)	2.13.3
SC-24	Assess clinical symptoms, apply methods of a sick child examination, laboratory and differential diagnosis, make a clinical diagnosis, master the principles of treatment, prevention and medical rehabilitation of children and adolescents	2.14, 2.15.2
SC-25	Interpret the results of pathological anatomy methods of examination of sectional and biopsy (surgical) material, apply the methods of clinical and anatomical analysis and construction of clinical and pathoanatomic diagnoses	2.15.3

Developed on the basis of the standard Curricilum for the specialty 7-07-0911-01 General Medicine. Registration № 7-07-09-001/пр.

Abbreviations: d - differentiated credit tests; UC - universal competence; BPC - basic professional competence; SC - specialized competence EPC - extended professional competence

First Vice-Rector Irina Moroz

Dean of the Medical Faculty for International Students

Oleg Ishutin

2023

t's recommended for approval by the University Council

Protocol № 4 dated 11.04.2023

11.04

Head of Education Department

Natallia Fomchenko

2023

<sup>&</sup>lt;sup>1</sup> It is allowed to combine practical sessions with theoretical training.

<sup>&</sup>lt;sup>2</sup> Sub-Residency disciplines are approved by the Order of the Ministry of Health.

<sup>&</sup>lt;sup>3</sup> The list of electives are approved by the Order of Higher Educational Institution.

<sup>&</sup>lt;sup>1</sup> General educational disciplines "Philosophy and methodology of science", "Foreign language", "Fundamentals of information technology" are studied at the choice of the student