

Course descriptions

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COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚA/J-1-VZ-002/15	Course title: Anatomy and Physiology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 4 per level/semester: 30 / 60 Form of the course: on-site learning	
Number of credits: 6	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: 100% participation in practicals, at least 60% success rate on written tests (subjects – anatomy, physiology, histology). Mark: A: 93–100 %, B: 88–92 %, C: 81–87 %, D: 73–80 %, E: 60–72 %, FX: 59 % and less Scale of assessment (preliminary/final): 10/90	
Learning outcomes: The graduate of Anatomy understand principles of human body, its parts and organs construction up to such details, that the gathered knowledge is permanent and becomes a base for understanding of physiological and pathological processes and changes. His knowledge should enable him to be an adequate partner for physicians in the process of health care. The Physiology aim is to acquire basic knowledge about physiological functions of the human organs and systems , and about the relations between physiological systems. Practical sessions from Physiology expand practical skills required for clinical practice – basic clinical examinations for the assessment of physiological functions, which is necessary for understanding of human physiology. Histology: After completion of the subject, the student understands routine work with light microscope and is able to orientate in basic staining methods. Students understand histological terminology. Based on theoretical knowledge, student is able to identify microscopically main human tissues including and organs.	
Class syllabus: Anatomy: Heart. Arterial and venous system, blood circulation. Respiratory system. Digestive system. Urinary system. The male reproductive system. Female reproductive system. Lymphatic system. Central nervous system. Spinal cord. Spinal nerves. Oblongata, pons, midbrain. Cranial nerves. Diencephalon. Sensory pathways. Basal ganglia. Motor pathways - pyramidal, extrapyramidal tracts. Visual organ. The organ of hearing. Autonomic nervous system. Vertebrae. Skull. Respiratory system. Heart. Urogenital system. Nervous system - hemispheres. Skeleton of upper and lower limbs. Muscular system - muscles of the head, neck, trunk and extremities. Fyziology: Physiology of blood (erythrocytes, leukocytes, trombocytes, haemocoagulation, blood groups, blood transfusion, basic blood examinations). Physiology of cardiovascular system (Physiology of the heart and vessels, basic clinical methods). Physiology of respiratory system (ventilation, mechanics of breathing, artificial ventilation, basic clinical methods). Physiology of	

gastrointestinal tract, metabolism and nutrition. Physiology of kidneys. Physiology of muscles. Thermoregulation. Physiology of nervous system, reflexes, pain, sleep, memory. Physiology of sensory organs, examination methods. Physiology of endocrine system.

Histology:

- Epithelial tissue, connective tissue, blood. Bone, muscle tissue, nervous system. Digestive system. Cardiovascular system. Respiratory system. Urinary system. Male and female reproductive system. Skin, eye, ear.

Recommended literature:

ANATÓMIA:

Mellová Y. a kol.: Anatómia človeka pre nelekárske študijné programy. Martin: Osveta, 2018. 184s

FYZIOLÓGIA:

Čalkovská A a kol. Fyziológia človeka pre nelekárske študijné programy. Osveta 2010, Martin, 220 s.

Javorka K a kol.: Lekárska fyziológia. Martin, Osveta, 2001, 678 s.

Čalkovská A, Javorka K: Návod k praktickým cvičeniam z fyziológie. Bratislava, UK, 2008, 135 s.

HISTOLÓGIA:

Belej K.: Histológia. UK Bratislava. 2005. ISBN 80-223-2100-1

Languages necessary to complete the course:

Slovak

Notes:

Past grade distribution

Total number of evaluated students: 41

A	ABS0	B	C	D	E	FX
0,0	0,0	12,2	14,63	29,27	41,46	2,44

Lecturers: doc. MUDr. Yvetta Mellová, CSc., prof. MUDr. Andrea Čalkovská, DrSc., prof. MUDr. Ingrid Tonhajzerová, PhD., prof. MUDr. Marian Adamkov, DrSc., doc. MVDr. Soňa Báľentová, PhD., RNDr. Mária Kovalská, PhD., RNDr. Veronika Mešťanová, PhD.

Last change: 26.11.2019

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚVZ/J-1-VZ-039/16		Course title: Basics of Clinical Medicine (1)				
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning						
Number of credits: 2						
Recommended semester: 3.						
Educational level: I.						
Prerequisites:						
Recommended prerequisites: Anatomy and Physiology, Pathological Anatomy and Pathological Physiology						
Course requirements: Scale of assessment (preliminary/final): 0/100						
Learning outcomes: After completion of the subject, the student is able to apply basic examination procedures in clinical practice, is able to take a patient's history and to assess subjective signs of diseases. He/she understands basic principles of physical examination and endoscopic, imaging and auxiliary diagnostic methods.						
Class syllabus:						
Recommended literature: Obligatory literature: ŠVIHROVÁ V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6 ŠVIHROVÁ V., BUCHANCOVÁ J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9 Recommended: KAŠČÁK M. Klinická propedeutika. Martin: Osveta, 2005, 90 s. ISBN 80-8063-215-4 ZEMAN M. Chirurgická propedeutika. Praha: Grada, 2006, 524 s. ISBN80-7169-705-2 (vybrané časti)						
Languages necessary to complete the course: slovak, czech						
Notes:						
Past grade distribution Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
85,19	0,0	7,41	3,7	3,7	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Viera Švihrová, CSc.
Last change: 21.08.2020
Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-040/16	Course title: Basics of Clinical Medicine (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-039/16 - Basics of Clinical Medicine (1)	
Recommended prerequisites: Essentials of Clinical Medicine 1	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands aetiology and pathogenesis of the most frequent diseases in individual organ systems. He/she is able to identify basic subjective signs and disease symptoms. He/she understands possibilities of prevention, focusing on primary prevention.	
Class syllabus: Diseases of a cardiovascular system, examples, possible diagnostic tools, prevention Diseases of a respiratory system, examples, possible diagnostic tools, prevention Oncologic diseases, examples, possible diagnostic tools, prevention Diseases of locomotors organs and a nervous system, examples, possible diagnostic tools, prevention Diseases of a urinary system, examples, possible diagnostic tools, prevention Disease of an endocrine system, examples, possible diagnostic tools, prevention Diseases of female genitals, examples, possible diagnostic tools, prevention Diseases of a gastrointestinal tract, examples, possible diagnostic tools, prevention	
Recommended literature: Obligatory literature: ŠVIHROVÁ V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6 ŠVIHROVÁ V., BUCHANCOVÁ J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9 Recommended: ZEMAN M. Chirurgická propedeutika. Praha: Grada, 2006, 524 s. ISBN80-7169-705-2 (vybrané časti) KAŠČÁK M. Klinická propedeutika. Martin: Osveta, 2005, 90 s. ISBN 80-8063-215-4	
Languages necessary to complete the course:	

slovak, czech						
Notes:						
Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
77,78	0,0	14,81	7,41	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Viera Švihrová, CSc.						
Last change: 24.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-061/16	Course title: Basics of Economics (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: -	
Course requirements: 100% attendance (max. 28 points), test (max. 36 points), ppt. presentation (max. 36 points). Evaluation: A: 100–91, B: 90–81, C: 80–73, D: 72–66, E: 65–60, FX: 59 and less. Evaluation of students is provided through oral exam. Minimal level to pass the subject: 60. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After the completion of the subject, the student understands basic knowledge on economics. He/she understands basic economy principles and mechanisms of market economy and is able to apply these in health practice.	
Class syllabus: Economy- definitions and basic terms. Macroeconomy and microeconomy. Economic role of the government. Governmental interventions into economy. Gross domestic product and gross national product. Fiscal policy. Fiscal policy as a tool of governmental policy. State budget. State debt. Monetary policy. Market mechanism and its effect. Mechanism of market and its effects Alternative economic systems. Production factors and their markets. Business, entrepreneurship – aims, economic independence, legal subjectivity, business register, forms of businesses Organization-legal aspect of businesses in the Slovak Republic.	
Recommended literature: Obligatory literature: LISÝ, J. a kol. Základy ekonómie a ekonomiky. Bratislava: EKONÓM, 2015. 200 s. ISBN 978-80-225-4053-7. Recommended: LISÝ, J. a kol. Ekonómia. Bratislava: IURA EDITION, 2011. 634 s. ISBN 9788080784065. ŠLOSÁR, R. a kol. Základy ekonómie a ekonomiky. Bratislava: Ekonóm, 2006. 84 s. ISBN 80-10009-20-2. Materiály UVZ SR a MZ SR. Dostupné na: www.uvzs.sk ; www.health.gov.sk	
Languages necessary to complete the course:	

slovak						
Notes:						
Past grade distribution						
Total number of evaluated students: 28						
A	ABS0	B	C	D	E	FX
64,29	0,0	28,57	0,0	0,0	3,57	3,57
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, doc. Ing. Viera Jakušová, PhD., MPH						
Last change: 28.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-063/16	Course title: Basics of Economics (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-061/16 - Basics of Economics (1)	
Recommended prerequisites: Essentials of Economy 1	
Course requirements: 100% attendance (max. 28 points), test (max. 36 points), ppt. presentation (max. 36 points). Minimal level to pass the subject: 60. Evaluation: A: 100–91, B: 90–81, C: 80–73, D: 72–66, E: 65–60, FX: 59 and less. Minimal level to pass the subject: 60. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the course, the student understands basic economic principles and mechanisms of market economy.	
Class syllabus: Theoretical background of economic. Financial analysis of an organization. Information on financial situation of the organization. Unemployment and its forms. Inflation. Currency and monetary market. Bank system. Taxation system. European Union. International economic integration.	
Recommended literature: Obligatory literature: LISÝ, J. a kol. Základy ekonómie a ekonomiky. Bratislava: EKONÓM, 2015. 200 s. ISBN 978-80-225-4053-7. Recommended: LISÝ, J. a kol. Ekonómia. Bratislava: IURA EDITION, 2011. 634 s. ISBN 9788080784065. ŠLOSÁR, R. a kol. Základy ekonómie a ekonomiky. Bratislava: Ekonóm, 2006. 84 s. ISBN 80-10009-20-2.	
Languages necessary to complete the course: slovak language	
Notes:	

Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
55,56	0,0	33,33	7,41	3,7	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, doc. Ing. Viera Jakušová, PhD., MPH						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚVZ/J-1-VZ-057/15		Course title: Basics of Informatics and Computer Skills				
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 15 Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 1.						
Educational level: I.						
Prerequisites:						
Course requirements:						
Learning outcomes: After completion of the subject the student is able to apply basic knowledge on informatics and computer skills						
Class syllabus: Essentials of work with MS Word, MS Excel 1, MS Power Point 1, MS Power Point 2, MS EPI INFO 1, MS EPI INFO 2						
Recommended literature:						
Languages necessary to complete the course:						
Notes: slovak,czech, english						
Past grade distribution Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
87,8	0,0	12,2	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD., Mgr. Jana Zibolenová, PhD.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-064/17	Course title: Basics of Management
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Essentials of Economy 2	
Course requirements: 100% attendance (max. 28 points), test (max. 36 points), ppt. presentation (max. 36 points). Evaluation: A: 100–91, B: 90–81, C: 80–73, D: 72–66, E: 65–60, FX: 59 and less. Minimal level to pass the subject: 60. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands basic principles of management in health organization, strategy, system and structure of health care provision. He/she understands problems of state health service, system of health care provision, health care facilities, health workers, professional organizations from managerial aspects. The student is able to apply his/her knowledge in practice to find solutions and to suggest improvements of management.	
Class syllabus: Basic definitions, contents and categories of management Personality of a manager in health sector Roles of a manager in health organizations Health care services Managerial functions Planning Organizing and organization structure Leading of human resources, kinds of leading Control	
Recommended literature: OBLIGATORY LITERATURE: JAKUŠOVÁ, V. Manažment pre nelekárske študijné programy. 1. vyd. Martin: Osveta, 2016, 156 s. ISBN 978-80-8063-447-6. JAKUŠOVÁ, V. Základy zdravotníckeho manažmentu. 1. vyd. Martin: Osveta, 2010, 142 s. ISBN 978-80-8063-347-9. Materiály UVZ SR a MZ SR. Dostupné na Internet: www.uvzsr.sk ; www.health.gov.sk	
Languages necessary to complete the course:	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
77,27	0,0	18,18	0,0	4,55	0,0	0,0
Lecturers: doc. Ing. Viera Jakušová, PhD., MPH						
Last change: 28.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-058/15	Course title: Basics of Prevention
Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 15 Form of the course: on-site learning	
Number of credits: 1	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements:	
Learning outcomes: After the completion of the subject, the student understands problem of global burden of diseases, basic forms of prevention in public health and health care providing. He/she is able to analyze factors influencing health, health promotion in various age groups of the population. He/she understands problems of population based programs of prevention and health promotion.	
Class syllabus: Introduction to the problem of the subject, Essentials of prevention Prevention – primordial, primary, secondary, tertiary Distribution of health and illness in the population, global burden of diseases Complex architecture of health Factors influencing health of the population Health promotion and prevention in various age groups Population based programs of prevention and health promotion Factors influencing preventive strategy	
Recommended literature: OBLIGATORY LITERATURE: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223- 2103-6 BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 Recommended lit.: HUDEČKOVÁ, H., ŠVIHROVÁ, V., NOVÁKOVÁ, E., SZILÁGYIOVÁ, M.: Verejnos zdravotné aspekty osýpok. Bratislava: A-medi management, 2018, 84 s., ISBN 978-80-89797-29-5 KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.	
Languages necessary to complete the course: slovak, czech	
Notes:	

Past grade distribution						
Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
90,24	0,0	9,76	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Viera Švihrová, CSc.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-050/17	Course title: Basics of Scientific Research Work
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Biostatistics, Methodology in Epidemiology and Hygiene , Essentials of informatics and computer skills	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student is able to solve tasks related to retrieve and to process scientific information using modern information technologies. He/she is able to apply epidemiological methods of work to critically appraise scientific information. He/she is able to solve task related to prepare technical reports keeping formal aspects and content at a bachelor's degree level.	
Class syllabus: Types and sources of scientific information Information retrieval, bibliographic search Employment of internet Development of reviews - their content and formal structure Development of outline of the final thesis – planning of an appropriate structure and extent Appropriate presentation of works Practical examples, dealing with specific problems	
Recommended literature: OBLIGATORY LITERATURE: MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta 2004, 316 s. SCOPUS. Dostupné na: www.scopus.com Entrez PubMed (Medline). Dostupné na: http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed SCHOLAR GOOGLE. Dostupné na: https://scholar.google.sk/ LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf	

https://moodle.uniba.sk/ Recommended: MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s. ISBN: 80-8063-197-2						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Tibor Baška, PhD.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚVZ/J-1-VZ-059/15		Course title: Basics of the Politics of Healthcare				
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 15 Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 2.						
Educational level: I.						
Prerequisites:						
Course requirements: Scale of assessment (preliminary/final): 0/100						
Learning outcomes: After the completion of the subject, the student understands essentials of health and healthcare policy. He/she is able to apply these in studying and processing of model situations.						
Class syllabus: Introduction of the subject – general policy, health policy, health care policy Health policy in Europe and Slovakia Health care reform in the Slovak Republic						
Recommended literature: Obligatory literature: OZOROVSKÝ V. a kol.: Sociálne lekárstvo. Bratislava: Asklepios, 2011. 166 s. ISBN 978-88-7167-158-9 ROVNÝ IVAN a kol.: Vybrané kapitoly verejného zdravotníctva I. Bratislava: PRO, 2011, 592 s. ISBN 978-80-890-5733-7 ROVNÝ IVAN. , Verejné zdravotníctvo. Bratislava: Herba, 2009, 125 s, ISBN 978-80-891-7160-6						
Languages necessary to complete the course: slovak						
Notes:						
Past grade distribution Total number of evaluated students: 40						
A	ABS0	B	C	D	E	FX
90,0	0,0	7,5	0,0	0,0	2,5	0,0
Lecturers: prof. MUDr. Viera Švihrová, CSc.						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚLBch/J-1-VZ-067/18	Course title: Biochemistry
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 2 per level/semester: 15 / 30 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: Assessment of students is in the form of an exam, minimum success rate: 60%. Rating: A: 91-100%, B: 81-90%, C: 73-80%, D: 66-72%, E: 60-65%, FX: 59% and less	
Learning outcomes: At the end of the course the student obtains basic information about the course of processes in metabolism of substances not only in a healthy human organism but also in the body of patients, understanding the nature and mechanisms of changes, understanding biochemical parameters coming from clinical-biochemical laboratories	
Class syllabus: Organization and chemical composition of organisms - cell structure, chemical composition of cell - organic, inorganic substances, enzymes and coenzymes). Intermediate metabolism - characteristics of metabolic processes, basics of bioenergetics. biological oxidation, metabolism of carbohydrates, lipids, amino acids, nucleotides, tetrapyrroles. Genetic information - replication, transcription, translation. Basics of metabolic regulation Biochemistry of the gastrointestinal tract - oral cavity, stomach, pancreas, bile, small intestine, large intestine. Liver biochemistry. Kidney biochemistry. Biochemistry of the nervous system - structure, metabolism, principles of nerve transmission, vegetative nervous system. Biochemistry of the endocrine system acid-base balance Blood plasma proteins Preparation of biological material for biochemical examination. Biochemical composition of living systems and its importance for metabolism and clinical-biochemical diagnostics. Possibilities of determination of analytes, pH and minerals in biological fluids (blood, urine, cerebrospinal fluid ...) Glucose testing. Diabetes mellitus and its laboratory diagnostics, glycosylated hemoglobin, ketone bodies. Examination of lipid profile. Atherosclerosis and its laboratory diagnostics.	

Examination of protein and non-protein nitrogenous substances. Urine examination for the presence of physiological and pathological components (glucose, proteins, ketone bodies, urobilinogen). Jaundice and its laboratory diagnostics Examination of minerals and acid-base balance parameters. Enzymes in clinical-biochemical diagnostics						
Recommended literature: V. Turecký, V. Rendeková, A. Czirfusz: Lekárska biochémia pre poslucháčov nelekárskych smerov. Asklepios Bratislava, 2008. 86 s (skriptá) Ivan Pecháň, Gustáv Kováč: Prehľad biochémie človeka II. VEDA Bratislava 2003, 197s.						
Languages necessary to complete the course: Slovak language						
Notes:						
Past grade distribution Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
7,41	0,0	7,41	22,22	29,63	25,93	7,41
Lecturers: prof. MUDr. Dušan Dobrota, CSc., doc. RNDr. Tatiana Matáková, PhD.						
Last change: 09.12.2019						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚLBf/J-1-VZ-068/18	Course title: Biophysics and Radiology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Basic characteristics of the principles of biophysical process in the organism. Biophysical principles of diagnostics methods and therapeutics methods by ionizing and nonionizing radiation in medicine and nursing basic principles of protection counter ionizing radiation (limits, effective dose and personal dosimetry)	
Course requirements: Continuous assessment at practical sessions and seminars, final credit test.	
Learning outcomes: After completion of the subject Medical Biophysics and radiology, students are able to master the basic physical and physical-chemical processes in biological systems and human body. Students understand biophysical principles of physiological and pathological processes in humans at a level of a cell, tissues and the organ systems. They know and apply to practice the basic biological effects of physical factors affecting the human body and a protection against their harmful influences. They master the biophysical principles of medical instrumentation used in diagnostic and some therapeutical methods.	
Class syllabus: Structure and function of cell membrane. Transport mechanisms. The resting membrane potential. -The action potential, its origin and propagation. Synapse and synaptic transmission. -Biophysical principles of muscle contraction. Skeletal, cardiac and smooth muscle. Biophysical basics of respiration. External and internal breathing, ventilation, distribution, diffusion and perfusion. - Biophysics of the circulatory system. Heart as a force pump, structure, function, power output. - Laminar and turbulent blood flow - basic laws. Blood pressure. Capillary blood flow, filtration in capillary loop, oedema. -Biophysical mechanism of sensory perception. Biophysics of vision. Biophysics of hearing. -Recording of electrical and nonelectrical biosignals. -Interaction of mechanical and meteorological factors with living systems. -Interaction of electrical and magnetic fields and nonionising radiation with living systems. -Radioactivity and ionising radiation. -Origin of ionizing radiation and the interaction of ionizing radiation, radiological quantities and units. - Detection of ionising radiation. Interaction of ionising radiation with living systems. -X-ray imaging techniques. Imaging techniques using radionuclides. -Biophysical principles of some diagnostical and therapeutical methods in medicine.	

Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution						
Total number of evaluated students: 26						
A	ABS0	B	C	D	E	FX
0,0	0,0	26,92	42,31	26,92	3,85	0,0
Lecturers: prof. MUDr. Ján Jakuš, DrSc., doc. MUDr. Kamil Zeleňák, PhD.						
Last change: 05.12.2019						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-015/16	Course title: Biostatistics
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Essentials of informatics and computer skills	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After the completion of the course, the student is able to apply basic knowledge on terms used in statistics, approaches and methods, as well as collecting, analysis and computing of statistical data. He/she is able to apply appropriate statistical methods in analysis and interpretation of data.	
Class syllabus: Definitions, terms, classification of statistics and biostatistics Descriptive statistics Statistical sample and its characteristics Indicators of quality of life, Time series Determining sample size and confidence interval Statistical hypothesis and tests of significance Validity (sensitivity and specificity, predictive value) of the diagnostic test. Statistical association. Correlation and regression. Using of computers in statistical analysis (EXCEL, EPI INFO, EPIS etc.)	
Recommended literature: Obligatory literature: MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta 2004, 316 s. Recommended: BAŠKA, T. Použitie štatistiky v klinickom výskume. Klin. urol. 2007; 3 (2): 107 – 110 MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2 https://moodle.uniba.sk RUSNÁK M., RUSNÁKOVÁ V., PSOTA M.: Štatistika zdravia. Trnava: Trnavská univerzita, Fakulta zdravotníctva a sociálnej práce; Veda, 2013, 235 s. RUSNÁK M., RUSNÁKOVÁ V., Majdan M.: Bioštatistika pre študentov verejného zdravotníctva. Trnava: Typi Universitatis Tyrnaviensis, 2010, 216 s. Online učebnica Bioštatistiky - https://www.iba.muni.cz/res/file/ucebnice/pavlik-biostatistika-v2.pdf	

WACZULÍKOVÁ I., SLEZÁK P.: Introductory to biostatistics. Bratislava, Comenius University in Bratislava, 2015						
MCDONALD, J.: Handbook of Biological Statistics. http://www.biostathandbook.com/						
Languages necessary to complete the course: slovak, english						
Notes:						
Past grade distribution Total number of evaluated students: 30						
A	ABS0	B	C	D	E	FX
60,0	0,0	23,33	6,67	6,67	3,33	0,0
Lecturers: prof. MUDr. Tibor Baška, PhD., prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 21.08.2020						
Approved by:						

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-SS1/17	Course title: Defence of Bachelor Thesis
Number of credits: 4	
Educational level: I.	
Recommended prerequisites: Essentials of Research Work	
Learning outcomes: The student is able to creatively work with technical and scientific information. The bachelor thesis does not need to contain own empiric results, it can compile existing knowledge. In writing of the thesis, the student can employ gained theoretical knowledge on evaluation of implemented and planned measures in practice. He/she can propose recommendations for their improvement based on the current scientific knowledge. The student is able to provide his/her own opinion of the dealt problem and to interpret it.	
Class syllabus: Work under supervision of the tutor Self-study of the essential literature on the given field Retrieving of existing current scholar information on the given field Development of the text of the thesis Putting together comprehensive bachelor thesis keeping the required form Development of the presentation for the defence of the final bachelor thesis	
State exam syllabus: Processing thesis - the student perspective on the issues examined and its interpretation	
Recommended literature: RECOMMENDED LITERATURE: 1. ŠEVČÍKOVÁ, Ľ. a kol.: Hygiena. Univerzita Komenského v Bratislave, Vydavateľstvo UK 2006, 328 s., ISBN 80-223-2103-6 2. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2011. 520 s. ISBN 978-80-223-2929-3 3. BAZOVSKÁ, S. a kol.: Špeciálna epidemiológia. Bratislava: UK, 2007. 337 s. ISBN 978-80-223-2301-7 4. HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Vydavateľstvo Osveta, 2013, 227 s., ISBN: 978-80-8063-396-7 5. KOMÁREK, L., PROVAZNÍK, K. Prevence v praxi. Praha, Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s. 6. ROSIVAL, L., ZIKMUND, V.: Preventívna medicína. Martin, Osveta 1992, 371 s. 7. MÜLLEROVÁ, D.: Zdravá výživa a prevence civilizačních nemocí ve schématech. Praha, Triton 2003, 99 s. 8. Švihrová V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6 9. Švihrová V., Buchancová J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9	

10. BUCHANCOVÁ, J., KLIMENTOVÁ, G., ŠULCOVÁ, M., FABIANOVÁ, E.: Pracovné lekárstvo a toxikológia, Osveta, Martin 2003, 1133 s. http://www.who.int/phe/health_topics/en/
11. ŠAGÁT T.: Organizácia zdravotníctva. Martin: Osveta, 2004. 210 s. ISBN 80-8063-143-3.
12. Zdravie pre všetkých v 21. storočí. Copenhagen, WHO Regional Office for Europe, European Health for ALL Series No 6, 1999 224 s.
13. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti.
14. MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.
15. MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2
16. <https://moodle.uniba.sk/>
17. Smernica rektora UK č. 12/2013 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Available at: http://www.uniba.sk/fileadmin/user_upload/editors/subory/legislativa/2013/vp_2013_12.pdf
18. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013). Available at: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf
19. Entrez PubMed (Medline). Available at: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
20. SCOPUS. Available at: www.scopus.com
21. Google Scholar. Available at: <http://scholar.google.com/schhp?hl=sk>

Languages necessary to complete the course:

slovak, czech, english

Last change: 21.08.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-044/17	Course title: Disaster Medicine
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 2 per level/semester: 30 / 30 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Human ecology, Epidemiology of Communicable Diseases 2, Environmental Hygiene 2	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student significance and management of disasters. He/she understands the legislation of the Slovak Republic related to disaster medicine. He/she is able to apply knowledge in retirement reliable information on the problem and to communicate it with population. He/she understands a role of health care professionals in a community.	
Class syllabus: Classification of disasters. Health care service. Civil defence. Terrorism. Communication during critic situation. Disasters in traffic and industry. Epidemiological emergencies. Radiation disasters. Floods, fires, earthquakes and volcanic eruptions. Relevant legislation in Slovakia, international health regulations	
Recommended literature: OBLIGATORY LITERATURE: KLEMENT C. a kol. Mimoriadne udalosti vo verejnom zdravotníctve. Banská Bystrica: PRO, 2011, 664 s. ISBN: 978-80-89057-29-0 KLEMENT C. a kol. Medzinárodné zdravotné predpisy. Banská Bystrica: PRO, 2009. 438 s. ISBN: 978-80-89057-24-5 KLEMENT C., Mezencev, Roman a kol. Biologické zbrane. Bratislava: BONUS, 2008, 380 s. ISBN: 978-80-969733-2-3 Recommended: http://www.who.int/topics/ www.ecohealth101.org	
Languages necessary to complete the course: slovak, english	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
95,45	0,0	4,55	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-016/15	Course title: Ecology of Man
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After the completion of the subject, the student understands global problems in relation to the health. He/she is able to apply knowledge to avoid risk of ecosystem threatening, is able to solve emerging related problems.	
Class syllabus: Definition of ecology, biosphere, biodiversity, ecosystem, ecosystems services and standard of living and input on influence on ecosystem, changes of ecosystems on living standard. Biodiversity and infectious diseases, climatic changes and their influence on infectious diseases. Health facilities. Current global problems, global warming, weakening of the ozone layer, acid rains, risk to biological diversity. Ecological nutrition aspects. Ecology of building. SBS, toxic compounds in apartments. Physical ecosystem factors and population, types of radiation, noise, Ecochemical factors, cycle of chemical toxic compounds in abiotic and biological environment. Biological factors of ecosystem and population, biotic factors of environment. Ecotoxicology and monitoring. Ecological disasters. Ecoterrorism, chemical and biological terrorism.	
Recommended literature: Obligatory literature: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 Recommended: ŠULCOVÁ, M. a kol. Verejné zdravotníctvo. Bratislava: VEDA, 2012, 654 s., ISBN 978-80-224-1283-4 www.ecohealth101.org www.jhsph.edu/globalchange www.ceh.ac.uk/science_topics www.fao.org/gtos www.sazp.sk/slovak/struktura/ceev/ism/21.html www.ekohealth101.org/unbalancing/unbalancing1-11.html www.terror.com	

Languages necessary to complete the course: slovak, english						
Notes:						
Past grade distribution Total number of evaluated students: 40						
A	ABS0	B	C	D	E	FX
85,0	0,0	12,5	0,0	0,0	2,5	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Ing. Stanislav Kuka, PhD.						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-021/16	Course title: Epidemiology of Infectious Diseases (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Introduction to Public Health Biostatistics	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands problems and regularity of structure and intensity of epidemic process, in nosologic units. He/she is able to apply knowledge on occurrence, diagnosis, epidemic measures (preventive and repressive) in professional practice.	
Class syllabus: Epidemic process including source, mechanism, factors and vectors of the process and susceptible population. Immunisation programme. Epidemiological classification of infectious diseases – intestinal and air-borne infections, blood infections and infections of skin and external mucosae, zoonoses and infections with natural focality, STDs, prion infections of the CNS, vaccine preventable diseases and hospital infections.	
Recommended literature: Obligatory: BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0 Recommended: HUDEČKOVÁ, H., ŠVIHROVÁ, V., NOVÁKOVÁ, E., SZILÁGYIOVÁ, M.: Verejnozdravotné aspekty osýpok. Bratislava: A-medi management, 2018, 84 s., ISBN 978-80-89797-29-5 KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.	
Languages necessary to complete the course: slovak, czech	
Notes:	

Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
11,11	0,0	59,26	29,63	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-022/16	Course title: Epidemiology of Infectious Diseases (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-021/16 - Epidemiology of Infectious Diseases (1)	
Recommended prerequisites: Epidemiology of Communicable Diseases 1	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After the completion of the subject, the student understands theoretical knowledge on epidemiological characteristics of communicable diseases to provide a base for practical activity in dealing with current epidemiological situation. He/she is able to apply the knowledge to provide epidemic measures in outbreak areas. He/she is able to apply the knowledge to arrange intervention strategies, health promotion and protection from aspect of prevention of communicable diseases.	
Class syllabus: Epidemiological classification of communicable diseases - intestinal and air-borne infections, blood infections and infections of skin and external mucosae, zoonoses and infections with natural focality, STDs, prion infections of the CNS, vaccine preventable diseases and hospital infections. Epidemiological characteristics, epidemic measures and surveillance of selected infections.	
Recommended literature: Obligatory BAKOSS, P. a kol. Epidemiológia. Bratislava: UK, 2011. 520 s. ISBN 978-80-223-2929-3 BAZOVSKÁ, S. a kol. Špeciálna epidemiológia. 2. doplnené a aktualizované vydanie Bratislava: UK, 2017. 366 s. ISBN 978-80-223-4179-0 https://moodle.uniba.sk Recommended: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. 4.	
Languages necessary to complete the course: slovak language	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
72,73	0,0	27,27	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.						
Last change: 16.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-041/17	Course title: Epidemiology of Non-Infectious Diseases
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Biostatistics, Essentials of prevention, Essentials of Clinical Medicine	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands principal knowledge about meaning, trends and mode of assessing a population impact of chronic non-infectious diseases. He/she understands role of the risk factors and prevention of the most important groups of chronic non-infectious diseases, particularly cardiovascular, oncological, mental and health impairments caused by external causes. He/she understands basic principles and strategies of prevention of chronic non-infectious diseases on a population level.	
Class syllabus: Public health importance of non-communicable diseases, population health in the World, Europe and Slovakia. Social determinants of health Multifactorial aetiology of non-communicable diseases. Risk factors. Measurement and evaluation of risk factors – relative risk, attributable risk, attributable fraction of the risk. Public health importance and prevention of cardiovascular and cerebrovascular diseases, cancers, chronic respiratory diseases and mental disorders. Reproductive health Impact of genetic factors on population health Public health importance and prevention of external causes of loss of health Behavioural risk factors – the role of life style in population health Life style changes – motivation, models of behavioural change Population-based measures preventing chronic non-communicable diseases Tobacco control Alcohol control and control of illicit drugs Obesity and diabetes mellitus and their impact on population health Chronic stress and its impact on population health International programs (WHO, CDC) of prevention and surveillance of chronic non-communicable diseases Prevention and monitoring of non-communicable disease in the system of public health in Slovakia	
Recommended literature: OBLIGATORY LITERATURE: BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 JURKOVIČOVÁ, J.: Vieme zdravé žiť? Výskyt rizikových faktorov	

kardiovaskulárných chorôb v slovenskej populácii a možnosti prevencie. Bratislava : Univerzita Komenského, 2005. 166 s. ISBN 80-223-2132-X
<https://moodle.uniba.sk/>
 Recommended:
 The Global Burden of Disease. 2004, update: 2008 Geneva: World Health Organization. ISBN 978 92 4 156371.
http://www.who.int/healthinfo/global_burden_disease/2004_report_update/en/index.html
 (odporúčaná)
 Preventing Chronic Diseases. A Vital Investment. WHO Global Report. Geneva: WHO, 182 s. ISBN 92-4-156300-1.
https://www.who.int/chp/chronic_disease_report/contents/en/
 Global Status Report on NCDs. 2014 Geneva: World Health Organization. ISBN: 978 92 4 156485 4 : <https://www.who.int/nmh/publications/ncd-status-report-2014/en/>
 World Health Organization. www.who.int
 Centers for Disease Control and Prevention, Atlanta, USA. www.cdc.gov

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
59,09	0,0	31,82	9,09	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 21.08.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.KAIM/J-1-VZ-007/16		Course title: First Aid				
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 15 Form of the course: on-site learning						
Number of credits: 2						
Recommended semester: 2.						
Educational level: I.						
Prerequisites:						
Course requirements:						
Learning outcomes:						
Class syllabus:						
Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 23						
A	ABS0	B	C	D	E	FX
47,83	0,0	39,13	13,04	0,0	0,0	0,0
Lecturers: doc. MUDr. Milan Minarik, PhD., prof. MUDr. Beata Drobná Sániová, PhD., MUDr. Anna Vargová, PhD.						
Last change:						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-VZ-CJ1/15	Course title: Foreign Language (1)
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements:	
Learning outcomes:	
Class syllabus: English Language - The human body The body systems, body parts and organs Polite questions, requests, commands. - The hospital team Hospital jobs and departments, describing activities, nursing profession. Present simple, continuous. - In and around the hospital Giving directions, describing location, instrument, equipment Prepositions of place and movement. - Hospital admission Describing the hospital admission. Past simple, past continuous, making questions. - Accidents and emergencies Understanding instructions, giving instructions, talking about first aid. - Pain Describing types and degrees of pain. Making comparisons.	
Recommended literature: English language: Grice, T.: Nursing 1. Oxford English for Careers, 2007 Grice, T.: Student file, Oxford English for Careers, 2007. Austin, D., Crosfield, T.: English for Nurses. Longman, 1992. Internet German language: Firnhaber-Sensen, U. - Schmidt, G.: Deutsch im Krankenhaus. Berlin: Langenscheidt 1994. 168 s.	

Languages necessary to complete the course:						
Notes:						
Past grade distribution						
Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
36,59	0,0	24,39	7,32	26,83	4,88	0,0
Lecturers: PhDr. Mária Bujalková, CSc., Mgr. Anna Barnau, PhD., PhDr. Božena Džuganová, PhD.						
Last change: 02.10.2015						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-VZ-CJ2/15	Course title: Foreign Language (2)
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Foreign language 1	
Course requirements:	
Learning outcomes:	
Class syllabus: English Language - Symptoms Describing symptoms, respiration, cough, asthma. Question forms. - Caring for the elderly Alzheimer's disease, the ageing brain, the problems of the elderly, the aids. Expressing future facts, predictions, possibility. - Nutrition and obesity Vitamins and minerals, eating disorders, healthy lifestyle, diets, fast-food, digestion, vomiting, defecation. Giving advice. - Blood Cardiovascular system, organs and diseases, talking about blood types, blood cells. Zero and first conditional. - Death and dying Talking about dying, discussing euthanasia. Expressing possibility. - Hygiene Describing hygiene aids, talking about obligation, infectious diseases, immune system, skin problems.	
Recommended literature: English language: Grice, T.: Nursing 1. Oxford English for Careers, 2007 Grice, T.: Student file, Oxford English for Careers, 2007.	

Austin, D., Crosfield, T.: English for Nurses. Longman, 1992. ISBN: 0-582-55019-5.
 Internet
 German language:
 Firnhaber-Sensen, U. - Schmidt, G.: Deutsch im Krankenhaus. Berlin: Langenscheidt 1994. 168 s.

Languages necessary to complete the course:

English language, German language

Notes:

Past grade distribution

Total number of evaluated students: 40

A	ABS0	B	C	D	E	FX
27,5	0,0	30,0	7,5	27,5	7,5	0,0

Lecturers: PhDr. Mária Bujalková, CSc., Mgr. Anna Barnau, PhD., PhDr. Božena Džuganová, PhD., Mgr. Hana Nemčková

Last change: 24.09.2019

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚCJ/J-1-VZ-CJ3/16			Course title: Foreign Language (3)			
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning						
Number of credits: 2						
Recommended semester: 3.						
Educational level: I.						
Prerequisites:						
Recommended prerequisites: Foreign language 1, Foreign language 2						
Course requirements:						
Learning outcomes:						
Class syllabus:						
Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 28						
A	ABS0	B	C	D	E	FX
50,0	0,0	14,29	17,86	7,14	7,14	3,57
Lecturers: PhDr. Mária Bujalková, CSc., Mgr. Anna Barnau, PhD., PhDr. Božena Džuganová, PhD.						
Last change: 24.09.2019						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-048/16	Course title: Health Education
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 45 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 4.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Psychology I-2, Primary prevention	
Course requirements: Evaluation of students takes the form of a written test, the minimum threshold of success: 60%. Defence the semester thesis on health education topic. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 59 % and less. Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of course the student obtains information about the Health education and the educational process (I - V phase). After completion of the subject the student: • is able to understand strategy of education in prevention and health promotion, • is able to design educational procedures in prevention, health promotion and health education, • is able to apply educational methods and means in prevention and health promotion.	
Class syllabus: International documents: The Ottawa Charter, The Jakarta Declaration. Definition of basic terms: health, models of health, education, health promotion, prevention. Health promotion and health education. Aims of health education. Primary, secondary and tertiary health education. State of health, Opinion on health and healthy lifestyle. Factors that influence health and health habits. Facilitation of learning and learning support. Principles of learning. Aims of educational process. Ethical aspect of health education. Educational process (phase I. – V.) Methods of data collection- observation, questionnaire, knowledge test, measurements. Educational process: phase I.- assessment, identification of educational needs. Educational process: phase II., III. Individual and group forms of education. Methods and means of education. Alternative methods of education. Plans and methods of education. Methodical processing. Communication skills in education for health. Duties of lecturer in health education.	

Specific problems of young age (childhood). Methods and means of education. Specific problems in adolescence. Methods and means of education. Specific problems in adult age. Methods and means of education. Specific problems of seniors. Methods and means of education. Task of multidisciplinary team in education for health.						
Recommended literature:						
Languages necessary to complete the course: Slovak language						
Notes:						
Past grade distribution Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
33,33	0,0	48,15	18,52	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, doc. Mgr. Martina Bašková, PhD., PhDr. Simona Kelčíková, PhD.						
Last change: 29.09.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-052/17	Course title: Health Protection Against Ionizing Radiation
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 6.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Environmental hygiene 2 Biophysics and Radiology	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands nature of ionizing radiation and its effects on environmental health.	
Class syllabus: Characteristics, features and sources of ionizing radiation. Variables and measurement units used in radiation protection. Biologic effects of radiation and their health consequences. Principles and criteria of protection against ionizing radiation.	
Recommended literature: Recommended literature: Zákon č. 87/2018 Z. z. o radiačnej ochrane Vyhláška č. 99/2018 Z. z. Ministerstva zdravotníctva Slovenskej republiky o zabezpečení radiačnej ochrany Vyhláška MZ SR 340/2019, ktorou sa mení a dopĺňa vyhláška Ministerstva zdravotníctva Slovenskej republiky č. 101/2018 Z. z., ktorou sa ustanovujú podrobnosti o zabezpečení radiačnej ochrany pri vykonávaní lekárskeho ožiarenia VALENTIN, J. (ed): ICRP Publication 103. The 2007 Recommendations of the International Commission on Radiological Protection. Elsevier, 2007. ISBN-10:0-7020-3063-5 KLENER V. a kol.: Principy a praxe radiační ochrany. Praha: Azin CZ, 2000. 615 s.ISBN 80-238-3703-6 BENCKO, V. et al. Hygiene and Epidemiology. Praha: The Karolinum Press, 2004. ISBN 80-246-0793-X Recommended: VALENTIN, J. (ed). ICRP Publication 103. The 2007 Recommendations of the International Commission on Radiological Protection. Elsevier, 2007. ISBN-10:0-7020-3063-5	

http://www.icrp.org/ http://www.iaea.org/ http://www.icru.org/						
Languages necessary to complete the course: slovak, english, czech						
Notes:						
Past grade distribution Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
68,18	0,0	18,18	13,64	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, RNDr. Jela Čajdová, PhD.						
Last change: 24.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-031/16	Course title: Hospital Hygiene
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Introduction to Public Health, Microbiology 1, Biostatistics	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student is able to apply knowledge in professional activities of hospital hygiene, in positive influencing of the health care and in a co-ordinated approach to deal with tasks in the field of hospital hygiene.	
Class syllabus: Hospital infections as a specific and long-term problem of health care facilities. Problematic environment and problematic patient characteristics. Diagnostics (clinical, laboratory and epidemiological), organization of work (preventive and repressive measures, hospital infections surveillance), methodical knowledge and control (hygiene-epidemiological regime, barrier nursing technique, safety and protection of patients and health care staff, food, water, work places at risk etc.) in health care facilities. Living conditions for patients and working conditions for the personnel of the hospital. Specific problems and complications in hospital epidemiology. Precautions, preventive and repressive measures regarding hospital infections.	
Recommended literature: Obligatory literature: ŠTEFKOVIČOVÁ M. a kol. Dezinfekcia a sterilizácia – teória a prax II. Žilina: Vrana, 2007, 164 s. ISBN 978-80-968248-3-0 ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 PODSTATOVÁ, H. Hygiena provozu zdravotnických zařízení a nová legislativa. Olomouc: EPAVA, 2002, 267 s. ISBN 80-86297-10-1,	
Languages necessary to complete the course: slovak, czech	
Notes:	

Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
66,67	0,0	14,81	18,52	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-042/17	Course title: Hygiene of Children and Adolescents (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Environmental Hygiene 2, Nutrition Hygiene 2, Psychology and basics of communication., Essentials of Prevention	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands specific features of physical and psychical development of children and youth, development of hygienic principles in pedagogic process taking into account physiologic and psychological features of growth. He/she understands principles of health education paying attention to drug addiction, alcoholism, smoking, etc. He/she is able to apply information and practical skills considering healthy lifestyle and protection of health in youngsters.	
Class syllabus: Protection of health of child and youth – related legislation Prevention within health care for child and youth Projects and programs organized in Slovakia Evaluation of growth and developmental parameters in children and youth – growth tables and graphs Developmental characteristics of childhood and teenage Somatometric evaluation, identification of physical ability of children and youngsters Health risk in facilities for preschool children School and load related to school (daily regime of schoolchildren, time schedule of curriculum, prevention of locomotors organs disorders related to schooling) Family and social environment, health risks in families (too young parents, elderly parents, loss of parents due to death, divorces, the second and other marriage) Problems related to housing (two and more generations in one apartment (problems related to a child, health consequences), Apartment – a place for work and rest of child and youth (prevention of injuries in homes, save home) Requirements for catering for children and youngsters. Legislation and control Programs to promote healthy nutrition in preschool and school facilities (school milk program, fruits and vegetables in schools) Hygienic requirements for arrangement and equipment of preschool and school facilities – their evaluation Education of children in various cultures over the World	
Recommended literature: OBLIGATORY LITERATURE:	

ŠEVČÍKOVÁ, L. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6
 JURKOVIČOVÁ, J. a kol. Praktické cvičenia z hygieny. Bratislava: UK, 2010, 330 s. ISBN 978-80-223-2816-6
www.uvzs.sk;
www.euro.who.int/en/home
 Recommended:
 ROVNÝ, I. a kol. Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3
 KOMÁREK, L., PROVAZNÍK, K. : Prevence v praxi. Praha: Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s., dostupné na: http://www.lf3.cuni.cz/opencms/export/sites/www.lf3.cuni.cz/cs/pracoviste/uzdm/Prevence_v_praxi.pdf

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH

Last change: 21.08.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-051/17	Course title: Hygiene of Children and Adolescents (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 6.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-042/17 - Hygiene of Children and Adolescents (1)	
Recommended prerequisites: Hygiene of Children and Youngsters 1	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands specific features of physical and psychical development of children and youth, development of hygienic principles in pedagogic process taking into account physiologic and psychological features of growth. He/she understands principles of health education paying attention to drug addiction, alcoholism, smoking, etc. He/she is able to apply information and practical skills considering healthy lifestyle and protection of health in youngsters.	
Class syllabus: Requirements for catering facilities for children and youngsters. Programs promoting healthy nutrition in catering facilities Sport during childhood (characteristics of appropriate physical activities for children as a prevention of diseases during adulthood, health benefit, risk of competitive and endurance sport activities in children) Injuries and poisonings in children and youngsters. Possibilities of prevention Kinds of substance additions in children and youngsters. Prevention of addiction in schools. School programs and projects Introduction to problem of chronic non-communicable diseases during childhood and adolescence. Dealing with life-style related health risks Juvenile hypertension and atherosclerosis. Preventive programs of cardiovascular diseases for children Metabolic disorders during childhood. Prevention of pre-diabetic conditions and diabetes type 1 and 2 in children and adolescents Acute and chronic respiratory diseases and immunity impairments in children and adolescents from aspects of modifiable risk factors. Allergies in childhood (food, animals, indoor plants allergies and their prevention) Eating disorders in children and adolescents (obesity, mental disorders). Possibilities of prevention	

Psychiatric diseases during childhood
 Oncologic diseases during childhood
 Hygiene of work of youngsters (work of adolescents, requirements to protect health during the work of adolescents).
 Legislation, programs to promote and protect health of children and youngsters, the role of state health supervision within the hygiene of children and youngsters

Recommended literature:

Obligatory literature:

ROVNÝ, I. a kol. Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3

Vyhlášky MZ SR č. 521/2007, 525/2007, 526/2007, 527/2007, 533/2007

Vyhlášky MŠ SR č. 366/2007, 330/2009

ŠEVČÍKOVÁ, L. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6

JURKOVIČOVÁ, J. a kol. Praktické cvičenia z hygieny. Bratislava: UK, 2010, 330 s. ISBN 978-80-223-2816-6

www.uvzsr.sk;

www.euro.who.int/en/home

recommended:

KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH

Last change: 24.08.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-009/15	Course title: Introduction into the Public Health
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After the completion of the subject, the student is able to apply general knowledge on hygiene and epidemiology. He/she understands role of physical, chemical and biological factors as well as other determinants of human health and etiopathogenesis of diseases. He/she understands basic knowledge on individual and population based preventive strategies.	
Class syllabus: History of Hygiene and Epidemiology, definitions, classification and content. Distribution of health and disease in the population - basic characteristics determining the distribution of diseases. Prevention: primordial, primary, secondary, tertiary; individual and population based strategy, intervention projects (National Program of Health Promotion, MONICA, CINDI etc.) Medical and social significance of communicable and non-communicable diseases. Causality in Epidemiology (causality, determination of events, risk factors - definition, characteristics, relation between exposition of risk factor and its effect) Ethical issues in epidemiological research General preventive approaches, risk assessment, quantitative evaluation of the risk, risk management, screening. Evidence based practice. Complex architecture of health. Preventive and repressive measures. Global burden of diseases . Social determinants of diseases.	
Recommended literature: Obligatory literature: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 BUCHANCOVÁ, J., KLIMENTOVÁ, G., ŠULCOVÁ, M., FABIANOVÁ, E. Pracovné lekárstvo a toxikológia Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1 BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 0 Recommended: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. https://moodle.uniba.sk http://www.who.int/phe/health_topics/en/	

Languages necessary to complete the course: slovak, czech, english						
Notes:						
Past grade distribution Total number of evaluated students: 35						
A	ABS0	B	C	D	E	FX
20,0	0,0	54,29	20,0	5,71	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚVZ/J-1-VZ-060/15		Course title: Law and Legislation in Healthcare				
Educational activities: Type of activities: practicals Number of hours: per week: 1 per level/semester: 15 Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 2.						
Educational level: I.						
Prerequisites:						
Course requirements: Scale of assessment (preliminary/final): 0/100						
Learning outcomes: After the completion of the subject, the student understands basic principles of law and formation of legislation in health care.						
Class syllabus: Essentials of law, legal systems, legal awareness Governmental authorities Formation of governmental norms, legislation process Constitution of the Slovak Republic Lagal accountability in health care – administrative, labor-law Ethical code of health care worker, Charter of patient’s rights in the Slovak Republic						
Recommended literature: Obligatory literature: TÓTH KAROL a kol. Právo a zdravotníctvo II. Bratislava: Herba, 2013, 432 s. ISBN 978-80-89631-08-7						
Languages necessary to complete the course: slovak						
Notes:						
Past grade distribution Total number of evaluated students: 40						
A	ABS0	B	C	D	E	FX
97,5	0,0	0,0	0,0	0,0	2,5	0,0
Lecturers: PhDr. Marta Tkáčová, PhD.						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚLBI/J-1-VZ-001/15	Course title: Medical Biology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: 100% attendance at practical classes. Successful passing of 2 credit tests (minimálne = 60%), successful passing of oral exam. Mark: A: 93–100 %, B: 88–92 %, C: 82–87 %, D: 73–81 %, E: 60–72 %, FX: 59 % and less. Scale of assessment (preliminary/final): 50 / 50	
Learning outcomes: After completing the subject, the student has knowledge in general cytology, cell physiology, cell pathology molecular biology and genetics, and basic knowledge in genetics of blood groups, immunogenetics as well as in genetics of cancer cell, viruses and bacteria.	
Class syllabus: Biopolymers – proteins, nucleic acids, polysaccharides. The cell theory. Cell as a basic structural and functional unit. The cell as an open system. Organization of the cell memory system, genetic information. Cell genome. Gene expression. Biological membranes – structure and function. Cell surfaces. Membrane transport. Cytoskeleton. Membrane organelles – nucleus, mitochondria, endoplasmic reticulum, Golgi complex, lysosomes, peroxisomes. Influence of external factors on the cell. Cell division – mitosis. Meiosis, gametogenesis. DNA replication. General laws of inheritance – Mendel's laws, gene interactions, gene linkage. Genetics of blood groups. Mutations – gene, chromosomal, numerical. Population genetics. Pedigree analysis. Genetics of prokaryotes and viruses. Immunogenetics – HLA system. Cancer cell genetics – proto-oncogenes, oncogenes. Cytogenetic methods, methods of gene engineering.	
Recommended literature: Kubatka, P., Pěč, M., Valentová, V.: Prehľad lekárskej biológie pre študijný odbor Verejné zdravotníctvo, Bratislava, Univerzita Komenského, 2013, 300 s. ISBN 978-80-223-3387-0.	
Languages necessary to complete the course: Slovak	
Notes:	

Past grade distribution						
Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
85,37	0,0	4,88	4,88	4,88	0,0	0,0
Lecturers: prof. MUDr. Martin Pěč, PhD., prof. RNDr. Peter Kubatka, PhD.						
Last change: 26.11.2019						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚCJ/J-1-VZ-013/15	Course title: Medical Terminology
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: 2 written tests and final written exam, minimum percentage to pass is 60% Evaluation: A: 91-100%, B: 90-81%, C: 80-73%, D: 72-66%, E: 65-60%, FX: less than 60% Scale of assessment (preliminary/final): Written tests - min. 60% Final classification involves student's credits (rated 40%) and written exam result (rated 60%)	
Learning outcomes: The aim of Latin medical terminology teaching is to acquire terminological competence, i.e. capacity of accurate and correct usage of medical language at work with terminological materials presented in oral and written way, as well as acquisition of basic knowledge of general medical terminology.	
Class syllabus: 1. Historical and linguistic introduction into medical Latin. 1st Latin and Greek declension. 2. 2nd Latin and Greek declension. 3. 3rd Latin consonant declension. 4. 3rd Latin consonant declension. 5. 4th and 5th Latin declension. 6. Adjectives of the 3rd declension. 7. TEST I. 8. Comparison of adjectives. 9. 3rd Greek declension. 10. Numerals. Latin medical prescription. 11. Prefixes. 12. Suffixes. Adverbs. 13. Compounds. 14. TEST II.	
Recommended literature: Bujalková, M., Šimon, F.: TERMINOLOGIA MEDICA LATINA. Učebnica lekárskej terminológie pre študentov medicíny. Martin: Vydavateľstvo Osveta 2019. 236 s. 3. doplnené a upravené vydanie. ISBN 978-80-8063-480-3	

Bujalková, M.: Lekárska terminológia v súčasnom a historickom kontexte. Bratislava: Univerzita Komenského 2009 (1.vyd.) a 2011 (2.vyd.). 96 s.
Kábrt, J., Kábrt, J., jr.: Lexicon medicum. 3. doplněné a přepracované vydání. Praha: Galén 2015. 917 s.

Languages necessary to complete the course:

Slovak and Latin language

Notes:

Past grade distribution

Total number of evaluated students: 41

A	ABS0	B	C	D	E	FX
34,15	0,0	19,51	17,07	14,63	12,2	2,44

Lecturers: PhDr. Mária Bujalková, CSc., Mgr. Miroslav Čovan, PhD., Mgr. Nora Malinovská, PhD., Mgr. Samuel Javornický, PhD.

Last change: 23.09.2019

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-034/16	Course title: Methodology in Epidemiology and Hygiene
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Introduction to Public Health, Biostatistics, Essentials of informatics and computer skills	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands methods of measuring health and diseases in population, their specific conditions and defined terms, ways to define groups at risk, to evaluate the activity and efficacy of healthcare services and measures, to identify and measure causes and determinants of diseases as well as other conditions related to health.	
Class syllabus: General principles, measuring and analysis of phenomena's, determination of the disease as a statistical unit, basic phases of the epidemiological working method, descriptive, analytical and experimental epidemiology, characteristics of a person, place and time. Causality in epidemiological studies Assessment of efficacy of an intervention Surveillance as epidemiological working method. Risk assessment and risk management. Evidence based practice.	
Recommended literature: Obligatory literature: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2013. 517 s. ISBN 978-80-223-3499 recommande: RUSNÁK M., RUSNÁKOVÁ V., PSOTA M.: Štatistika zdravia. Trnava: Trnavská univerzita, Fakulta zdravotníctva a sociálnej práce; Veda, 2013, 235 s. RUSNÁK M., RUSNÁKOVÁ V., Majdan M.: Bioštatistika pre študentov verejného zdravotníctva. Trnava: Typi Universitatis Tyrnaviensis, 2010, 216 s. KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. 4.	

https://moodle.uniba.sk/						
Languages necessary to complete the course: slovak, czech						
Notes:						
Past grade distribution Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
18,52	0,0	18,52	33,33	22,22	7,41	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚMI/J-1-VZ-008/15	Course title: Microbiology (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Medical biology 1	
Course requirements: - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule End study evaluation of students is based on written test, cut off for pass is 60%. Scale of assessment (preliminary/final): 0% / 100%	
Learning outcomes: The student receives information from general bacteriology, virology, parasitology and mycology, about their structure, metabolism, pathogenic potential and pathogenesis of infectious diseases, genetic and antibiotics used for the treatment as well as methods of disinfection and prevention (vaccination included). The student is trained to use principal diagnostical procedures, to understand their theoretical background, indication and interpretation. The student is able to manage the most common way of sampling of infectious material, to process it for microscopy, cultivation, identification, ATB susceptibility and tools of pathogenity testing. The student is able to continue the study that require the basis of bacterial cell structure, metabolism, genetic and to use the gained knowledge for understanding the requirements of the next degree (microbiology 2).	
Class syllabus: Introduction to microbiology, Structure of bacterial cell, Physiology and metabolism of bacterial cell, Genetics of bacterial cell, Antibiotics, vaccines, disinfection, .Antibiotics and resistance, Pathogenic potential of microorganisms, Pathogenesis of infection Safety in microbiological laboratory, organization of study, Microscopy, native smear, fixed smear, Staining procedures: Gram, Acid fast, Burri method, Wirtz Concklin for spores, Neisser, Albert for metachromatic granules, Cultivation, inoculation, Identification of bacteria. Cultivation media. Anaerobic bacteria cultivation. Detection of pathogenic potential of bacteria – enzymes, toxins, ATB susceptibility testing, Serological reactions	
Recommended literature: Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s.	

Votava M. Lékařská mikrobiologie speciální. Brno: Neptun 2006; 495 s.
 Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s.
 Kompaniková J, Nováková E, Neuschlová M. Mikrobiológia nielen pre medikov. Žilina: EDIS 2013; 209 s. ISBN 978-80-554-0827-9.
 Nováková E, Porubská A, Kompaníková J, Neuschlová M. Lekárska mikrobiológia. 2013; 110 s. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=203>
 Neuschlová Martina, Nováková Elena, Kompaníková Jana. Imunológia - ako pracuje imunitný systém. Martin : Univerzita Komenského v Bratislave Jesseniova lekárska fakulta v Martine 2017; 189 s. ISBN 978-80-8187-031-6.
 Neuschlová M, Nováková E, Kompaníková J. Abeceda imunológie - terminologický slovník. UK v Bratislave JLF UK v Martine 2016; 60 s. ISBN 978-80-8187-016-3. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=344>
 Neuschlová M, Nováková E, Kompaníková J. Návod na praktické cvičenia z imunológie. UK v Bratislave JLF UK v Martine 2016; 114 s. ISBN 978-80-8187-017-0.
 Učebné texty na MEFANETe <http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119> a web stránke Ústavu mikrobiológie a imunológie
 Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.

Languages necessary to complete the course:

slovak language

Notes:

Past grade distribution

Total number of evaluated students: 40

A	ABS0	B	C	D	E	FX
45,0	0,0	32,5	12,5	10,0	0,0	0,0

Lecturers: doc. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaníková, PhD., MUDr. Martina Neuschlová, PhD., MUDr. Vladimíra Sadloňová, PhD.

Last change: 11.12.2018

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚMI/J-1-VZ-020/16	Course title: Microbiology (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Microbiology 1	
Course requirements: - it is obligatory to be present at practicals (1 absence is tolerated) - 1 test during the semester - oral presentation according the schedule Exam: End study evaluation of students is based on written exam – test. Minimal cut off level is 60%. Scale of assessment (preliminary/final): 0% / 100%	
Learning outcomes: The student receives information from specialised bacteriology, virology, parasitology and mycology, about the structure, metabolism, pathogenic potential and pathogenesis of individual microorganisms that are ethiology of human infectious diseases. Antibiotics used for the treatment as well as methods of ATB susceptibility testing. The student is trained to use principal diagnostical procedures, to understand their theoretical background, indication and interpretation. The student is able to manage the most common way of sampling of infectious material, to process it for microscopy, cultivation, identificatio and ATB suscepibility and tools of pathogenity testing. The students knows most important microbial ethiology of infectious of respiratory, gastrointestinal, urogenital tract, skin, soft tissues, central nervous system in different age groups including fetus, newborn, pre-school age children, children, adolescent, adult, geriatric patients, pregnant women and immunocompromised persons.	
Class syllabus: Bacteriology: G+cocci Staphylococci. Streptococci Bacteriology: G – cocci neisseria, haemophilus Bacteriology: G- rods, enterobacteriaceae Bacteriology: G-rods, nonfermenting rods Bacteriology: G+rods, anaerobes Spirochetales, chlamydia, mycoplasma Introduction to virology Virology, DNA viruses , RNA viruses Hepatitis viruses, prions, HIV Medical mycology and parasitology RTI, STI, GIT and UGT infection – ethiology CNS, blood infection, bacterial intoxication – ethiology Ethiology of infections of newborne, old patient, fetus infection Hospital infection and opportunistic infections ethiology Direct and indirect diagnostical methods New approaches in identification of infectious ethiology	

Recommended literature:

Votava M. Lékařská mikrobiologie obecná. Brno: Neptun 2005; 351 s.
Votava M. Lékařská mikrobiologie speciální. Brno: Neptun 2006; 495 s.
Bednář M a kol. Lékařská mikrobiologie. Praha: Marvil 1996; 558 s.
Kompaniková J, Nováková E, Neuschlová M. Mikrobiológia nielen pre medikov. Žilina: EDIS 2013; 209 s. ISBN 978-80-554-0827-9.
Nováková E, Porubská A, Kompaniková J, Neuschlová M. Lekárska mikrobiológia. 2013; 110 s.
Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=203>
Neuschlová Martina, Nováková Elena, Kompaniková Jana. Imunológia - ako pracuje imunitný systém. Martin : Univerzita Komenského v Bratislave Jesseniova lekárska fakulta v Martine 2017; 189 s. ISBN 978-80-8187-031-6.
Neuschlová M, Nováková E, Kompaniková J. Abeceda imunológie - terminologický slovník. UK v Bratislave JLF UK v Martine 2016; 60 s. ISBN 978-80-8187-016-3. Dostupné na: <https://portal.jfmed.uniba.sk/clanky.php?aid=344>
Neuschlová M, Nováková E, Kompaniková J. Návod na praktické cvičenia z imunológie. UK v Bratislave JLF UK v Martine 2016; 114 s. ISBN 978-80-8187-017-0.
Učebné texty na MEFANETe <http://portal.jfmed.uniba.sk/lekarske-discipliny.php?disid=119> a web stránke Ústavu mikrobiológie a imunológie
Murray PR, Rosenthal KS, Pfaller MA. Medical Microbiology Seventh Edition. Philadelphia: Elsevier Saunders 2013; pp. 874.

Languages necessary to complete the course:

slovak language

Notes:**Past grade distribution**

Total number of evaluated students: 27

A	ABS0	B	C	D	E	FX
37,04	0,0	18,52	14,81	22,22	7,41	0,0

Lecturers: doc. MUDr. Elena Nováková, PhD., MUDr. Jana Kompaniková, PhD., MUDr. Martina Neuschlová, PhD., MUDr. Vladimíra Sadloňová, PhD.

Last change: 10.12.2018

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚPAs/J-1-VZ-018/15		Course title: Nursing Techniques (1)				
Educational activities: Type of activities: practicals Number of hours: per week: 3 per level/semester: 45 Form of the course: on-site learning						
Number of credits: 3						
Recommended semester: 1.						
Educational level: I.						
Prerequisites:						
Course requirements:						
Learning outcomes: After Completing the course the student to gains skills in nursing procedures. Become familiar with the principles of safety, is able for preparation the patient for nursing procedures. The student • understands the system of work in department • is able to perform prescribed nursing procedures • is able to monitor hygienic-epidemiological model.						
Class syllabus: Dressings, Bandages. Taking care of equipment, asepsis, antisepsis. Hand hygiene practices. Bedmaking. Nutrition. Vital signs. Elimination. Intavenous Therapy and Blood Transfusion. Medications. Application injections. Collection of biological material. Model "My five moments for hand hygiene".						
Recommended literature:						
Languages necessary to complete the course: Slovak language, Czech language						
Notes:						
Past grade distribution Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
39,02	0,0	31,71	24,39	4,88	0,0	0,0
Lecturers: doc. Mgr. Martina Bašková, PhD., PhDr. Simona Kelčíková, PhD.						

Last change: 29.09.2020
Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚPAs/J-1-VZ-019/15		Course title: Nursing Techniques (2)				
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning						
Number of credits: 2						
Recommended semester: 2.						
Educational level: I.						
Prerequisites:						
Recommended prerequisites: Nursing Technique 1						
Course requirements:						
Learning outcomes: After Completing the course the student to gains skills in nursing procedures. Become familiar with the principles of safety, is able for preparation the patient for nursing procedures. The student • understands the system of work in department, • is able to perform prescribed nursing procedures, • is able to monitor hygienic-epidemiological model, • is able to realize and observe the performance of selected nursing procedures asepsis and antisepsis, • is able to apply the knowledge, skills, work habits in a hospital.						
Class syllabus:						
Recommended literature:						
Languages necessary to complete the course: Slovak language, Czech language						
Notes:						
Past grade distribution Total number of evaluated students: 40						
A	ABS0	B	C	D	E	FX
47,5	0,0	35,0	12,5	5,0	0,0	0,0
Lecturers: doc. Mgr. Martina Bašková, PhD., PhDr. Simona Kelčíková, PhD.						
Last change: 29.09.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-025/16	Course title: Nutrition and Hygiene (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Anatomy and Physiology, Introduction to Public Health, Pathological Anatomy and Pathological Physiology	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands basic knowledge on healthy nutrition of population, methods and conditions to achieve maximal possible accordance with the physiological optimum, obtainable in actual living and occupational conditions.	
Class syllabus: Hygiene of nutrition and objects of the daily use (definition, objectives, content, legislation, effect of nutrition on population health). Basic components of food, the recommended nutritional dosages of nutrients to the population of the Slovak Republic. Psychogenic eating disorders – anorexia nervosa, bulimia nervosa, orthorexia nervosa. Foods of epidemic risk. Assessment of construction and technical and operational conditions of food facilities. Hygiene of catering services and canteens. Basic principles and application guidelines for Hazard Analysis and Critical Control Point (HACCP) Food establishments, requirements for the operation. Taking samples Diet and nutrition in health care facilities. Hospital dietary system – dietary regime	
Recommended literature: Obligatory: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 MULLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99 s.	

Recommended: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.						
Languages necessary to complete the course: slovak, czech						
Notes:						
Past grade distribution Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
55,56	0,0	44,44	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-026/16	Course title: Nutrition and Hygiene (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-025/16 - Nutrition and Hygiene (1)	
Recommended prerequisites: Nutrition Hygiene 1 Microbiology 2	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands basic knowledge on healthy nutrition of population, methods and conditions to achieve maximal possible accordance with the physiological optimum, obtainable in actual living and occupational conditions.	
Class syllabus: Foodborne disease from food. Foodborne intoxication from food. Chemical contaminants in food. Benefits and risks of genetically modified foods for human health and nutrition. Requirements for materials and articles intended to come into contact with food and their risks. School Meals. Meals in fast food. Animal products and plant products in the diet (nutritional importance, the health risk). Sanitation in Food Industry. Principles of state health supervision in public catering	
Recommended literature: Obligatory literature: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 MULLEROVÁ, D. Zdravá výživa a prevence civilizačných nemocí ve schématech. Praha: Triton, 2003, 99 s. Recommended: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s.	
Languages necessary to complete the course: slovak, czech	
Notes:	

Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
88,89	0,0	11,11	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 24.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-065/17	Course title: Nutrition in the Prevention of Diseases
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Nutrition Hygiene 2, Essentials of Clinical Medicine 2	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands significance of the healthy and regulated human nutrition in prevention of chronic non-infection disease as well as basic methods to monitor risk and protective nutrition factors in the population nutrition.	
Class syllabus: Disorders related to unbalanced nutrition (obesity, mental eating disorders etc.). Nutrition in prevention of atherosclerosis Nutrition in prevention of cancer Nutrition in prevention of Diabetes Mellitus (disorders of saccharide metabolism and nutrition) Nutrition in prevention of osteoporosis Nutrition and immunity Methods of monitoring of risk factors of chronic diseases and methods of regulation of nutrition modifications in prevention of diseases and protection of health.	
Recommended literature: OBLIGATORY LITERATURE: ŠEVČÍKOVÁ, Ľ. A KOL. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223- 2103-6. MÜLLEROVÁ, D. Zdravá výživa a prevence civilizačních nemocí ve schématech. Praha: Triton, 2003, 99s. Recommended: BEŇO, I. Náuka o výžive. Martin: Osveta, 2008, 158s., ISBN 978-80-806-3294-6	
Languages necessary to complete the course:	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Viera Švihrová, CSc.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚVZ/J-1-VZ-045/17		Course title: Objectification of Environmental Factors				
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning						
Number of credits: 5						
Recommended semester: 5.						
Educational level: I.						
Prerequisites:						
Recommended prerequisites: Environmental Hygiene 2, Preventive occupational medicine 1						
Course requirements: Scale of assessment (preliminary/final): 100/100						
Learning outcomes: After completion of the subject, the student understands possibilities of studying of environment and working conditions having influence on population health. He/she understands problems of collecting information on quality of water, food and objects of common use, indoor and outdoor air as well as information on the analysis of biological material and monitoring of physical factors.						
Class syllabus: Methods of taking samples and their conservation. Present trends of analysis of chemical, microbiological and biological indicators in water, food and objects of common use. Analysis of air and biological material. Methods of measurement of physical factors. Statistical characteristics and validation of analytic methods.						
Recommended literature: RECOMMENDED LITERATURE: ROVNÝ, I a kol. Objektivizácia faktorov životného prostredia. Bratislava: Herba, 2005, 249 s. ISBN 80-89171-18-4 GÖRNER, F., VALÍK, Ľ. Aplikovaná mikrobiológia potravín. Bratislava: Malé centrum, 2004, 528 s. ROVNÝ, I. Verejné zdravotníctvo. Bratislava: HERBA, 2009, 125 s. ISBN: 978-80-89171-60-6						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
40,91	0,0	50,0	9,09	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Ing. Stanislav Kuka, PhD.
Last change: 21.08.2020
Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚPF/J-1-VZ-006/15	Course title: Pathological Anatomy and Pathological Physiology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 2 per level/semester: 15 / 30 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Course requirements: Assessment of students is carried out in the form of written examination, minimum passing score is 60%. Assessment scale: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 60 % and less.	
Learning outcomes: After completion of the subject the student understands the basic morphological and functional manifestations of diseases, etiopathogenesis, pathomechanisms involved in symptoms and signs of disease development, biopsy and the other pathological diagnostic methods.	
Class syllabus: Introduction to pathological anatomy and pathological physiology, etiology and pathogenesis. External factors in pathogenesis of diseases – pathogenic noxas – physical, chemical and biological noxas. Inflammation. Immunopathological processes. Neoplasia, benign and malignant neoplasmas and their characteristic. Disturbances of thermoregulation. Stress. Pathophysiology of shock. Disturbances of homeostasis - fluid and electrolyte balance disturbances and assessment, acid-base balance disorders. Pathophysiology of nutrition. Diabetes mellitus. Pathology and pathophysiology of ischemic heart disease. Pathophysiology of arterial hypertension. Pathophysiology of heart failure. Pathology and pathophysiology of the gastrointestinal tract and peritoneum. Pathology and pathophysiology of the most important respiratory diseases. Functional consequences of the most important respiratory diseases, respiratory failure. Air pollution – mechanisms of air pollutants influence on cells, tissues, organs and human body.	

Pathology and pathophysiology of the most important urinary tract diseases, clinical syndromes in renal diseases, acute and chronic renal failure. Pathology and pathophysiology of the most important central nervous system disorders. Pathology of male and female reproductive systems, pathological states associated with pregnancy.						
Recommended literature: Plank, L., Hanáček, J. a kol. Patologická anatómia a patologická fyziológia. Martin: Osveta , 2007. 285 s. ISBN 978-80-8063-241-0						
Languages necessary to complete the course: Slovak language						
Notes:						
Past grade distribution Total number of evaluated students: 40						
A	ABS0	B	C	D	E	FX
0,0	0,0	17,5	27,5	15,0	35,0	5,0
Lecturers: prof. MUDr. Renata Péčová, PhD., prof. MUDr. Katarína Adamicová, PhD.						
Last change: 21.12.2015						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚFa/J-1-VZ-037/16	Course title: Pharmacology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 2 per level/semester: 15 / 30 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Course requirements: During semester: The successful passing two written tests. Final exam: Written test. The minimal limit of successfulness: 60 %. Assessment: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, Fx: 60 % and lower. Scale of assessment (preliminary/final): 50/50	
Learning outcomes: The graduate of Bachelor's study knows by subjects graduation: From field of basic pharmacology – route of drugs administration particularly in terms of onset and duration of action, principles of drugs storage, the rules for handling drugs classified among psychotropic and narcotic substances, principles of poisoning treatment by selected drugs groups with administration of specific antidotes, characteristics of drugs doses (single, daily, maximum, etc.), drugs interaction with food and drink, peculiarities of therapy according to age. From field of special pharmacology – characteristic of individual pharmacological groups and agents, effects (desirable and side), most important contraindications and other information for use in public health practice.	
Class syllabus: • Basic definition in pharmacology, HVLP, IPL, narcotic law, toxicomania. The route of drug administrations, drugs batching, side effects of drugs, drugs interaction. • Factors affecting of drugs effect, Peculiarities of therapy according to age. • Pharmacology of vegetative nervous system • Pharmacology of central nervous system • Opioid analgesics • Analgesics, antirheumatics • Pharmacology of cardiovascular system • Pharmacology of gastrointestinal system • Pharmacology of respiratory system • Antibiotics • Drugs affecting the function of the endocrine glands • Treatment of drug poisoning • Disinfectants and antiseptics	

• Toxicomanias						
Recommended literature: 1. Tisoňová, J., Kriška, M. a kol. Základy farmakológie pre nelekárske študijné odbory. Univerzita Komenského, Bratislava, 2007, 292 s. 2. Hynie, S. a spol.: Farmakologie pro bakalárske studium, Díl 1, 2, UK, 1996, 550 s. 3. Mirossay, L., Mojžiš, J. Základy všeobecnej a špeciálnej farmakológie. Sapiaientia, Bratislava, 2006, 208 s. 4. Farghali, H., Lincová, D. a kolektív: Základní a aplikovaná farmakologie, Galén, 2001, 960 s. 5. Mirossay, L. a kolektív: Špeciálna farmakológia, Košice, UPJŠ 1997, 421 s.						
Languages necessary to complete the course: Slovak language						
Notes:						
Past grade distribution Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
7,41	0,0	3,7	40,74	29,63	18,52	0,0
Lecturers: prof. RNDr. Soňa Fraňová, PhD., prof. MUDr. Mgr. Juraj Mokrá, PhD., doc. MUDr. Martina Šutovská, PhD.						
Last change: 05.09.2018						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚTV/J-1-VZ-TV1/15		Course title: Physical Training (1)				
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 1.						
Educational level: I.						
Prerequisites:						
Course requirements: prezence						
Learning outcomes: The graduate of this subject personify his attitude to the necessity of healthy life style. He will understand the health sense of active movement for the human health. He will bring into his attitude and conviction the role of active movement, sport as a effective prevention against civilization illnesses of today as a part of therapy to improve the state of health of the whole population. He will become own surely about the importance of sport and motion activities by harmonic young human character progress.						
Class syllabus: Deepen the base of collective games knowledge (basketball, volleyball, football, floorball, hockeyball). Explain and show the rules on examples. Collective games needs integration of individual ability and skills for its profit to the whole collective. All listed games support the active life style and offer progress of balance between physical and mental work of students at medical faculty.						
Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Jozef Šimeček						
Last change: 19.03.2018						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava						
Faculty: Jessenius Faculty of Medicine in Martin						
Course ID: JLF.ÚTV/J-1-VZ-TV2/15		Course title: Physical Training (2)				
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning						
Number of credits: 1						
Recommended semester: 2.						
Educational level: I.						
Prerequisites:						
Course requirements: presence						
Learning outcomes: The graduate of this subject personify his attitude to the necessity of healthy life style. He will understand the health sense of active movement for the human health. He will bring into his attitude and conviction the role of active movement, sport as a effective prevention against civilization illnesses of today as a part of therapy to improve the state of health of the whole population. He will become own surely about the importance of sport and motion activities by harmonic young human character progress.						
Class syllabus: Deepen the base of collective games knowledge (basketball, volleyball, football, floorball, hockeyball). Explain and show the rules on examples. Collective games needs integration of individual ability and skills for its profit to the whole collective. All listed games support the active life style and offer progress of balance between physical and mental work of students at medical faculty.						
Recommended literature:						
Languages necessary to complete the course:						
Notes:						
Past grade distribution Total number of evaluated students: 0						
A	ABS0	B	C	D	E	FX
0,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: PaedDr. Jozef Šimeček						
Last change: 19.03.2018						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-053/19	Course title: Practice in Hygiene and Epidemiology
Educational activities: Type of activities: practicals Number of hours: per week: 20 per level/semester: 300 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 6.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Environmental Hygiene 2, Nutrition Hygiene 2, Hospital Hygiene, Public Health Legislation	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the practice, the students is able to apply professional knowledge, skills and competence in the departments of the Regional Public Health Authorities: - to be actively involved in work schedule in appointed departments - to specify the organization of work in the departments of epidemiology, preventive occupational medicine, environmental hygiene, nutrition hygiene, child and youth hygiene and health education	
Class syllabus: Epidemiology: - organization of work in the department - notification of communicable diseases, Epidemiological Information System, notification of flu and flu-like diseases - work in the outbreak area - checking of vaccination - health facilities Preventive occupational medicine - organization of work in the department - state health supervision in preventive occupational medicine in the given region - occupational diseases Environmental hygiene - organization of work in the department - state health supervision, food supervision - travelling Hygiene of child and youth - organization of work in the department - state health supervision - summer recreation actions Health education - organization of work - health-education activities implementation of tasks, projects and grants	
Recommended literature: Obligatory literature: actual act norms	
Languages necessary to complete the course: slovak	
Notes:	

Past grade distribution						
Total number of evaluated students: 14						
A	ABS0	B	C	D	E	FX
57,14	0,0	21,43	7,14	7,14	7,14	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-028/16	Course title: Preventive Occupational Medicine (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 4.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Anatomy and Physiology, Biophysics and Radiology Biochemistry , Microbiology 2, Introduction to Public Health, Pathological Anatomy and Pathological Physiology	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the course, the student understands essential knowledge on preventive occupational medicine, risk factors of occupational environment, basic principles of interaction between risk factors and organism. He/she understands preventive and repressive measures in preventive occupational medicine as well as health protection promotion in workplaces.	
Class syllabus: Preventive occupational medicine in historical and health care context Physical factors in occupational environment. Solid aerosols and chemical factors in workplaces. Chemical, physical and biological factors with genotoxic effects. Protection in workplaces and relevant legislation. Ergonomy. occupational environment and protection of health. First aid in a workplace. Risk assessment and risk management.	
Recommended literature: Obligatory literature: BUCHANCOVÁ, J. a kol.: Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1. ŠEVČÍKOVÁ, Ľ. a kol.: Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 Recommended: Kol. autorov. Bezpečnosť a ochrana zdravia pri práci v malých a stredných podnikoch. Príručka pro zaměstnavatele. Praha: SZÚ, 2004, 75 s.	

TUČEK, M., CIKRT, M., PELCLOVÁ, D. Pracovní lékařství pro praxi. Příručka s doporučenými standardy, Praha: Grada, 2005. 328 s. BUCHANCOVÁ, J. Profesionálne ochorenia infekčného pôvodu. V: Szilágyiová, M., Šimeková, K. et al. Infektológia pre prax. Bratislava: Herba, 2010, s. 241-270. ISBN 978-80-89171-66-8. BUCHANCOVÁ, J. Profesionálna expozícia a zhubné nádory dýchacieho systému so zameraním na karcinóm pľúc. V: Kavcová, E. a spol. Karcinóm pľúc. P+M Turany, UK Bratislava, JLF Martin, 201, s. 118-152. ISBN 978-80-88866-78-7.																				
Languages necessary to complete the course: slovak, czech																				
Notes:																				
Past grade distribution Total number of evaluated students: 22 <table> <tr> <th>A</th><th>ABS0</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> <tr> <td>50,0</td><td>0,0</td><td>40,91</td><td>9,09</td><td>0,0</td><td>0,0</td><td>0,0</td></tr> </table>							A	ABS0	B	C	D	E	FX	50,0	0,0	40,91	9,09	0,0	0,0	0,0
A	ABS0	B	C	D	E	FX														
50,0	0,0	40,91	9,09	0,0	0,0	0,0														
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Tibor Baška, PhD.																				
Last change: 10.02.2021																				
Approved by:																				

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-046/17	Course title: Preventive Occupational Medicine (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Preventive occupational medicine 1	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands essential knowledge and legislation related to hazardous works. He/she understands problems of professional risks, their management and preventive measures. He/she understands significance of the discipline and is able to apply the knowledge in prevention and social thinking.	
Class syllabus: Definition, characteristics and a valid legislation on hazardous works. Assessment of professional risks and their management, categories and declaring of hazardous works. Professional toxicology and pathology of selected diseases. Mutual influence of occupational conditions and environment.	
Recommended literature: OBLIGATORY LITERATURE: OSINA, O., SADLOŇOVÁ, J. Toxikológia – vybrané kapitoly. Martin: JLF UK, 2016. 95 s. ISBN 978-80-8187-027-9 (dostupné na MEFANET) ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103 Recommended: BUCHANCOVÁ, J. a kol. Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1. Kol. autorov. Bezpečnosť a ochrana zdravia pri práci v malých a stredných podnikoch. Príručka pro zaměstnavatele. Praha: SZÚ, 2004, 75 TUČEK, M., CIKRT, M., PELCLOVÁ, D. Pracovní lékařství pro praxi. Príručka s doporučenými standardy, Praha: Grada, 2005. 328 s. BUCHANCOVÁ, J. Profesionálne ochorenia infekčného pôvodu. V: Szilágyiová, M., Šimeková, K. et al. Infektológia pre prax. Bratislava: Herba, 2010, s. 241-270. ISBN 978-80-89171-66-8.	

BUCHANCOVÁ, J. Profesionálna expozícia a zhubné nádory dýchacieho systému so zameraním na karcinóm pľúc. V: Kavcová, E. a spol. Karcinóm pľúc. P+M Turany, UK Bratislava, JLF Martin, 201, s. 118-152. ISBN 978-80-88866-78-7.
 PELCLOVÁ, D. a kol. Nemoci z povolání a intoxikace. Praha: UK, 2006, 207 s. ISBN 80-246-1183-X.

Languages necessary to complete the course:

slovak, czech

Notes:

Past grade distribution

Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
40,91	0,0	50,0	9,09	0,0	0,0	0,0

Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH

Last change: 21.08.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚPAs/J-1-VZ-012/15	Course title: Professional Ethics
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: --	
Course requirements: 100 % presence on practical Preparation of the final test min. to 60%. Scale of assessment (preliminary/final): 40/60	
Learning outcomes: The student knows the basic principles of medical ethics. He is able to apply the basic principles in the basic ethical issues in public health.	
Class syllabus: Introduction to the subject. Basic concepts (ethics, morality, law, religion - their relationship). Sources of medical ethics (Hippocratic tradition, Judeo-Christian traditions, modern philosophical directions, holism). Basic principles of medical ethics. Professional organizations in health care. Ethical codes of health professions. Environmental Ethics (bases environmentálno - ethical reasoning, non-anthropocentric ethical theories, animal rights). Ethical principles of conflict prevention (ethical aspects of communication in health, information, informed consent and informed rejection. Damage to the patient's medical staff. Confidentiality, privacy). Selected ethical issues department. Ethical aspects of health care human (physical, mental,). Support human health and the health professionals. Research Ethics. Ethics publication. Ethics Commissions in Slovakia.	
Recommended literature: NEMČEKOVÁ, M., ŽIAKOVÁ, K., MIŠTUNA, D. 2004. Práva pacientov : medicínske, ošetrovateľské a filozoficko-etické súvislosti. Martin: Vydavateľstvo Osveta, 2004. 198 s. HANÁČEK, J., JAVORKA, K. a kol. 2008. Základy vedeckovýskumnej práce. Martin: Vydavateľstvo Osveta, 2008. 215 s. ŽIAKOVÁ, K. a kol. 2009. Ošetrovateľstvo-teória a vedecký výskum .Martin:Vydavateľstvo Osveta, 2009.323 s.	

Zákon č. 576/2004 Z. z. NR SR o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov.
 Etický kódex zdravotníckeho pracovníka, príloha č. 4 zákona č 578/2004. Dostupné aj na: http://vz.truni.sk/Prednasky/Organizacia%20zdravotnictva/eticky_kodex.htm ; www.lekom.sk/?category=folder&folderId=39
 Charta práv pacienta v Slovenskej republike. Dostupné na: www.lvn.sk/infopac/pravapac ; www.zdravie.sk/sz/72-99/Europska-charta-prav-pacientov.
 Európska charta práv pacienta. Dostupné na: www.udzs.sk/buxus/generate_page.php?page_id=179 ; www.zdravie.sk/sz/72-99/Europska-charta-prav-pacientov.

Languages necessary to complete the course:

Slovak language

Notes:

Past grade distribution

Total number of evaluated students: 41

A	ABS0	B	C	D	E	FX
65,85	0,0	26,83	4,88	2,44	0,0	0,0

Lecturers: doc. Mgr. Martina Bašková, PhD., Mgr. Bc. Eva Urbanová, PhD.

Last change: 30.09.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚPAs/J-1-VZ-010/15	Course title: Psychology and Basics Communication I. (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 1.	
Educational level: I.	
Prerequisites:	
Course requirements: Student assessment takes the form of a written test, minimum limit for success: 60%. Rating: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less Scale of assessment (preliminary/final): 50/50	
Learning outcomes: After completion of the subject the student understands the basic terms of psychology, he is able to adequately use them; to orientate in literature and to critically evaluate scientific contributions of individual schools and prominent individuals in Psychology. By completing the course the student obtains basic information about the functioning of human mental processes. He acquaints himself with changes in personality, behaviour, actions and mental processes.	
Class syllabus: - The definition of psychology as a science, disciplines of psychology, psychology in relation to related fields. - Basic psychological concepts: psyche, consciousness, unconsciousness, behaviour. - The most important psychological schools and orientations (psychoanalysis-Sigmund Freud, Jung, Adler A., neopsychoanalysis). - Behaviourism-JBWatson, BF Skinner, humanistic psychology: A Maslow, C. Rogers. - The current integrative view of psychological theory. - The consciousness and altered states of consciousness. - Perception, sensory processes, principles of perception - Memory, theory of forgetting, attention. - Thinking and learning, learning theory, will - Personality, personality typology, temperament, character, ability, bio-psycho-social understanding of the personality. - Psychology of emotions and motivation - Developmental psychology: determination of the human psyche development, maturation, developmental crisis a critical periods in human development - Erikson's psychosocial development theory	

- Cognitive development, moral development (Piaget, Kohlberg)						
Recommended literature: Nakonečný, M. Obecná psychologie. Praha: Triton, 2016. 664 s. ISBN 978-80-7387-929-7 Říčan, P. Psychologie. 4. vyd. Praha: Portál, 2013. 304 s. ISBN 978-80-262-0532-6 Plháková, A. Učebnice obecné psychologie. Praha: Academia, 2007. 472 s. ISBN 80-200-1499-3 Plháková, A. Dejiny psychologie. Praha: Grada, 2006. 328 s. ISBN 80-247-0871-X Říčan, P. Psychologie osobnosti. Praha: Portál, 2010. 208 s. ISBN 978-80-247-3133-9 Vágnerová, M. Vývojová psychologie. Praha: Portál, 2000. 528 s. ISBN 80-7178-308-0 Drapela, V. J. Přehled teorií osobnosti. Praha: Portál, 2004. 175 s. ISBN 978-80-262-0040-6 Hall, C.S., Lindzey, G. Psychológia osobnosti. Bratislava: SPN, 2002. 510 s. ISBN 80-08-00994-2 Sternberg, R.L. Kognitivní psychologie. Praha: Portál, 2002. 636 s. ISBN 80-7178-376-5						
Languages necessary to complete the course: Slovak language/Czech language						
Notes:						
Past grade distribution Total number of evaluated students: 41						
A	ABS0	B	C	D	E	FX
48,78	0,0	26,83	12,2	7,32	4,88	0,0
Lecturers: doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD.						
Last change: 22.09.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚPAs/J-1-VZ-011/15	Course title: Psychology and Basics Communication I. (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Course requirements: Student assessment takes the form of a written test, minimum limit for success: 60%. Rating: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % and less Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student obtains fundamental information about regularities of human psyche development and individual's functioning in social groups, interpersonal communication and its significance in health-care professions. The student understands changes in personality, behavior, actions and mental processes in relation to age; the social behavior of individual in terms of both internal characteristics (personality, motives) and external influences (social environment, family). The student understands principles of professional interview, the importance of active listening and empathy; is able to identify and interpret contents of verbal and non-verbal communication. This course contributes to development of students' social skills.	
Class syllabus: - Developmental changes in adolescence and early adulthood. - Adolescence - matters of personal identity. - Developmental changes in middle and late adulthood. - Adulthood – main developmental tasks, professional identity. - Agedness and developmental psychology. - Health psychology. Stress and theories of stress. - Challenging life situations, frustration, conflict, PTSD, burn-out. - Psychological problems in specific group of patients (children, elderly), adjustment to illness, coping with diagnosis. - Psychosomatic a behavioral medicine, relation between psyche and somatic processes, bio-psycho-social model of health and disease, quality of life. - Attitudes towards illness, coping- handling a pressure, salutogenesis, psychological aspects of pain, gender and health psychology. - CAN syndrome, violence in family, sources of assistance. - Presentation in public, reasoning exercises. - Dialogue, active listening in communication.	

- Non-verbal communication and its significance for professional communication. - Decision-making in groups. Coping strategies a relaxation. - Conformity, power in relationships. - Social skills and their significance in professional communication, assertiveness. - Critique and handling of affective attack in communication. - Conflicts and their solving.						
Recommended literature: Říčan P.: Psychologie- příručka pro studenty, Praha, Portál, 2009. Atkinson E.C.: Psychológia, Praha, Victoria Publishing, 1995. Vágnerová M.: Vývojová psychológia, Praha, Portál, 2000. Baštecká B., Goldman P.: Základy klinické psychologie, Praha, Portál, 2001. Vybíral Z.: Psychologie komunikace, Praha, Portál, 2009. Vymětal J.: Průvodce úspěšnou komunikací, Praha, Grada, 2008. Belz H., Siegrist M.: Klíčové kompetence a jejich rozvíjení. Praha: Portál, 2001.						
Languages necessary to complete the course: Slovak language/Czech language						
Notes:						
Past grade distribution Total number of evaluated students: 32						
A	ABS0	B	C	D	E	FX
68,75	0,0	12,5	9,38	6,25	0,0	3,13
Lecturers: doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD.						
Last change: 22.09.2020						
Approved by:						

STATE EXAM DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-SS2/17	Course title: Public Health (1)
Number of credits: 10	
Educational level: I.	
Recommended prerequisites: The student can perform the state exam in the regular term, assigned by schedule of the study, after fulfillment of tasks determined by the study program.	
Learning outcomes: The student demonstrates theoretical knowledge in general and preventive medical disciplines to be employed in promotion and protection of health, in educating and motivating for healthy life-style of individuals, families, communities as well as the whole society. The student commands principles of protection and improvement of health through strategies of disease prevention, research of impact of an environment and life-style on human health, promotion and strengthening of health. He/she has got theoretical abilities to apply in practice epidemiological and statistical methods of work. The student commands legislation related to public health, health care as well as performance of the state health supervision. He/she has got abilities and skills to provide preventive activities in accordance with the principles of the state health policy on all levels.	
Class syllabus: Preparation for the state exam through self-study employing theoretical knowledge gained during the study and practical skills (gained during a summer practice after the 2nd year of study of bachelor study programme of Public Health as well as during a practice in hygiene and epidemiology in the 3rd year of study). Practical part of the state exam: - proposal of approach to solve a model situation - evaluation of a presented record Theoretical part of the state exam: - responding to a complex question to present comprehensive theoretical knowledge on a given problem	
State exam syllabus: The content includes articles Public Health completed within the Bachelor study	
Recommended literature: RECOMMENDED LITERATURE: 1. ŠEVČÍKOVÁ, Ľ. a kol.: Hygiena. Univerzita Komenského v Bratislave, Vydavateľstvo UK 2006, 328 s., ISBN 80-223-2103-6 2. BAKOSS, P. a kol.: Epidemiológia. Bratislava, Univerzita Komenského 2011. 520 s. ISBN 978-80-223-2929-3 3. BAZOVSKÁ, S. a kol.: Špeciálna epidemiológia. Bratislava: UK, 2007. 337 s. ISBN 978-80-223-2301-7 4. HUDEČKOVÁ, H., ŠVIHROVÁ, V. Očkovanie. Martin: Vydavateľstvo Osveta, 2013, 227 s., ISBN: 978-80-8063-396-7 5. KOMÁREK, L., PROVAZNÍK, K. Prevence v praxi. Praha, Nadace CINDI v spolupráci s 3.lékařskou fakultou Univerzity Karlovy, 2009. 603s.	

6. ROSIVAL, L., ZIKMUND, V.: Preventívna medicína. Martin, Osveta 1992, 371 s.
7. MÜLLEROVÁ, D.: Zdravá výživa a prevence civilizačních nemocí ve schématech. Praha, Triton 2003, 99 s.
8. Švihrová V. Základy klinickej medicíny I. Bratislava: UK, 2010. 84 s. ISBN 978-80-223-2746-6
9. Švihrová V., Buchancová J. Základy klinickej medicíny II. Bratislava: UK, 2013. 96s. ISBN 978-80-223-3384-9
10. BUCHANCOVÁ, J., KLIMENTOVÁ, G., ŠULCOVÁ, M., FABIANOVÁ, E.: Pracovné lekárstvo a toxikológia, Osveta, Martin 2003, 1133 s. http://www.who.int/phe/health_topics/en/
11. ŠAGÁT T.: Organizácia zdravotníctva. Martin: Osveta, 2004. 210 s. ISBN 80-8063-143-3.
12. Zdravie pre všetkých v 21. storočí. Copenhagen, WHO Regional Office for Europe, European Health for ALL Series No 6, 1999 224 s.
13. Aktuálna legislatíva z oblasti verejného zdravotníctva a poskytovania zdravotnej starostlivosti.
14. MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s.
15. MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2
16. <https://moodle.uniba.sk/>
17. Smernica rektora UK č. 12/2013 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Available at: http://www.uniba.sk/fileadmin/user_upload/editors/subory/legislativa/2013/vp_2013_12.pdf
18. Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných (bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútorný predpis č. 43/2013). Available at: http://www.jfmed.uniba.sk/fileadmin/user_upload/editors/Sekretariat_Files/Vnutorne_predpisy_2013/VP_2013_43_zaverecne_prace.pdf
19. Entrez PubMed (Medline). Available at: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
20. SCOPUS. Available at: www.scopus.com
21. Google Scholar. Available at: <http://scholar.google.com/schhp?hl=sk>

Languages necessary to complete the course:

slovak, czech, english

Last change: 11.09.2020

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-062/16	Course title: Public Health Legislation
Educational activities: Type of activities: lecture Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 1	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Law and Legislation in a Health Care	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands essential legislation in public health and is able to apply it in a practice.	
Class syllabus: Legislation in public health, protection, promotion and development of health Act No. 335/2007 Coll on protection, promotion and development of public health as amended Organization and providing of public health Prevention of diseases and other health disorders Professional competence Healthy living and occupational condition Radiation protection Threatening of public health Other obligation of individual and legal persons State Health Supervision Misdemeanors and other legal delicts	
Recommended literature: Obligatory literature: Legislatíva SR, EU Platná legislatíva SR a EU http://jaspi.justice.gov.sk/jaspiw1/jaspiw_mini_fr0.htm http://eur-lex.europa.eu/homepage.html?locale=sk	
Languages necessary to complete the course: slovak	
Notes:	

Past grade distribution						
Total number of evaluated students: 28						
A	ABS0	B	C	D	E	FX
42,86	0,0	21,43	32,14	3,57	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-056/17	Course title: Research in Public Health I.
Educational activities: Type of activities: practicals Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 6.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-050/17 - Basics of Scientific Research Work	
Recommended prerequisites: Essentials of Research Work	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands essential principles of scientific research in public health in extend needed for final thesie. He/she understands the most important terms used in science. He/she is able to apply epidemiological methods to critically appraise professional information.	
Class syllabus: Introduction, character of scientific work, its essentials, role of sciences in evidence-based practice Ways of scientific communication, specific aspects of science in public health Formal structure of a scientific paper and its sections Ethical aspects of science Critical appraisal of scientific evidence, assessment of reliability of the evidence according to used methods	
Recommended literature: Obligatory literature: MEŠKO, D. a kol. Akademická príručka. 1. vyd. Martin: Osveta, 2004, 316 s. https://moodle.uniba.sk/ Smernica rektora UK č. 12/2013 o základných náležitostiach záverečných prác,... na Univerzite Komenského v Bratislave. Available at: http://uniba.sk/fileadmin/ruk/legislativa/2013/Vp_2013_12.pdf Rozhodnutie dekana JLF UK - vykonávajúci predpis týkajúci sa záverečných(bakalárskych a diplomových) prác študentov JLF UK v Martine (Vnútný predpis č. 43/2013). Available at: http://www.jfmed.uniba.sk/fileadmin/jlf/Dekanat/Sekretariat/Legislativa/Rok_2013/VP_2013_43_zaverecne_prace.pdf	

LICHNEROVÁ, Lucia, 2016. Písanie a obhajoba záverečných prác: vysokoškolské skriptá pre študentov Univerzity Komenského v Bratislave [online]. Bratislava: Stimul [cit. RRRR-MM-DD]. Dostupné na: http://stella.uniba.sk/texty/LL_pisanie_obhajoba_zaverecne_prace.pdf
 Entrez PubMed (Medline). Available at: <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=PubMed>
 SCOPUS. Available at: www.scopus.com
 SCHOLAR GOOGLE. Dostupné na: <https://scholar.google.sk/>
 Recommended:
 MEŠKO, D. a kol. Medinfo 1. Praktická príručka pre lekárov, zdravotníkov a študentov. Martin: Osveta, 2005, 152 s., ISBN: 80-8063-197-2

Languages necessary to complete the course:

slovak, english

Notes:

Past grade distribution

Total number of evaluated students: 22

A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0

Lecturers: prof. MUDr. Tibor Baška, PhD.

Last change: 10.02.2021

Approved by:

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-030/16	Course title: Social Medicine (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 4.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Introduction to Public Health, Biostatistics	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the course, the student understands history of social medicine and its role in medical sciences. He/she is able to apply knowledge on international health organizations, institutions as well as their activities.	
Class syllabus: History of the social medicine World Health Organization, European Centre for Disease Control, Red Cross Society Health far all in 21st century Nosology, terminology and the International Classification of Diseases Characteristics of specific population groups	
Recommended literature: Obligatory literature: OZOROVSKÝ V. a kol. Sociálne lekárstvo. Bratislava: Asklepios, 2011. 166 s. ISBN 978-88-7167-158-9 Recommended: ONDRUŠ, P. Svetové zdravotnícke systémy v čase globalizácie. P+M, Turany, 2014. 320 s. ISBN 978-80-89057-47-4 TESÁŘ, T. a kol. Hodnotenie zdravotníckych technológií: Úvod do problematiky. Bratislava: SAP, 2014. 96 s. ISBN 978-80-89607-23-5 Materiály dostupné na internete: http://www.health.gov.sk http://www.uvzsr.sk	
Languages necessary to complete the course: slovak, czech	

Notes:						
Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
100,0	0,0	0,0	0,0	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, prof. MUDr. Viera Švihrová, CSc.						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-047/17	Course title: Social Medicine (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Social Medicine 1	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student understands valid legislation on providing of health care as well as the most significant moral-legal and ethical problems related to providing of health care.	
Class syllabus: Essential legal regulations on health care providing Health care and services related to health care providing Obligations of health care providers Medical records and documentation Moral-legal and social aspects of health care providing Public health, organizational structure and position in health care system	
Recommended literature: Obligatory: OZOROVSKÝ V. a kol. Sociálne lekárstvo. Bratislava: Asklepios, 2011. 166 s. ISBN 978-88-7167-158-9 Recommended: Materiály dostupné na internete: http://www.health.gov.sk http://www.uvzsr.sk Aktuálne platná legislatíva zabezpečujúca poskytovanie zdravotnej starostlivosti.	
Languages necessary to complete the course: slovak	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
81,82	0,0	13,64	0,0	4,55	0,0	0,0
Lecturers: prof. MUDr. Viera Švihrová, CSc.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-033/16	Course title: Social Psychology
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 4	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Psychology I-2	
Course requirements: Student assessment takes form of a presentation of thesis and written test, a minimum limit for success: 60%. Evaluation: A: 91–100 %, B: 81–90 %, C: 73–80 %, D: 66–72 %, E: 60–65 %, FX: 59 % or less Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject the student obtains fundamental information about regularities of human psyche development and individual's functioning in social groups. The student understands changes in personality, behavior, actions and mental processes; the social behavior of individual in terms of both internal characteristics (personality, motives) and external influences (social environment, family).	
Class syllabus: - Determination of the human psyche development. - Socialization - Social norms, consciousness. - Personality and it's role. Relationship between individual and group. - Large social groups, crowd. - Leader, leadership – leader's influence on the group, leadership in health-care facilities. - Family as a primary group, functions of the family, family functioning. - Communication and interaction in family. - Motivation of human behaviour. - Social behaviour, prosocial behaviour, cooperation and manipulation. - Empathy. - Asocial, antisocial, hostile behaviour. Aggression.	
Recommended literature: Nakonečný, M. Sociální psychologie. Praha: Academia, 1999. 286 s. ISBN 80-200-0690-7	

Kollárik, T. a kol. Základy sociálnej psychológie. Bratislava: Eurokódex, 2014. 220 s. ISBN 97-8808-1550-300 Nakonečný, M. Motivace lidského chování. Praha: Academia, 2004. 272 s. ISBN 80-200-0592-7 Výrost, J., Slaměník, I. Sociální psychologie. Praha: ISV, 2008. ISBN 978-80-247-1428-8 Kolektív autorov Sociálna psychológia (Človek vo vzťahoch). Enigma, 2011. 295 s. ISBN 978-80-8133-002-5 Slaměník, I., Výrost, J. a kol. Aplikovaná sociální psychologie II. Praha: Grada, 2001. ISBN 80-247-0042-5 Oravcová, J. Sociálna psychológia. Banská Bystrica: UMB v Banskej Bystrici, 2004, 314 s. ISBN 80-8055-980-5																				
Languages necessary to complete the course: slovak language/czech language																				
Notes:																				
Past grade distribution Total number of evaluated students: 28 <table> <tr> <th>A</th><th>ABS0</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> <tr> <td>39,29</td><td>0,0</td><td>35,71</td><td>10,71</td><td>10,71</td><td>0,0</td><td>3,57</td></tr> </table>							A	ABS0	B	C	D	E	FX	39,29	0,0	35,71	10,71	10,71	0,0	3,57
A	ABS0	B	C	D	E	FX														
39,29	0,0	35,71	10,71	10,71	0,0	3,57														
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, doc. Mgr. Martina Bašková, PhD., Mgr. Ľubica Bánovčinová, PhD.																				
Last change: 22.09.2020																				
Approved by:																				

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-066/17	Course title: State Health Supervision
Educational activities: Type of activities: lecture Number of hours: per week: 1 per level/semester: 15 Form of the course: on-site learning	
Number of credits: 1	
Recommended semester: 6.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-062/16 - Public Health Legislation	
Recommended prerequisites: Public Health Legislation	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands and is able to apply in practice respective legal regulations as well as authorization to provide state health supervision. He/she understands the problem of keeping of general obligatory legal regulations, conditions stated in an authorization as well as measures and instructions issued by relevant authorities for health protection.	
Class syllabus: State health supervision - its legislative framework. Authorization of persons to provide state health supervision. Rightfulness to take samples in appropriate quantity. Measures imposed by person providing state health supervision (acts, restrictions, directives).	
Recommended literature: Obligatory literature: ROVNÝ, I. A KOL. Vybrané kapitoly verejného zdravotníctva II. Bratislava: PRO, 2014, ISBN: 9788089057443 Právne predpisy v oblasti ochrany, podpory a rozvoja verejného zdravia, verejného zdravotníctva v platnom znení Podklady k jednotlivým úsekom činností verejného zdravotníctva Recommended: TUČEK, M., CIKRT, M., PELCLOVÁ, D. Pracovní lékařství pro praxi. Příručka s doporučenými standardy, Grada Publishing, Praha 2005, 328 s.+16 s. farebná príloha Zákony (v platnom znení) – okrem uvedených, zdroj www.slov-lex.sk ; https://eur-lex.europa.eu	
Languages necessary to complete the course: slovak, czech	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
77,27	0,0	13,64	9,09	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH						
Last change: 10.02.2021						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚPAs/J-1-VZ-017/15	Course title: Summer Practice (1)
Educational activities: Type of activities: practice Number of hours: per week: 2 per level/semester: 30 Form of the course: on-site learning	
Number of credits: 1	
Recommended semester: 2.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Nursing techniquis 1.,2.	
Course requirements:	
Learning outcomes: After Completing the course the student to gains skills in nursing procedures under the control of nurses. Become familiar with the principles of safety, is able for preparation the patient for nursing procedures. The student • understands the system of work in department • is able to perform prescribed nursing procedures • is able to work actively in schedule of department.	
Class syllabus: Principles of safety, personal hygiene, occupational hygiene. Principles of communication with the patient; adherence to ethical principles of confidentiality. Bandages and first-aid equipment. Dressings, Bandages, Binders. Infection Control, Asepsis, Antisepsis; Heand hygiene. Disinfection, sterilization. Bedmaking. Nutrition. Vital signs. Emptying. Medications; Injections. Specimen Collection. Organization and system work on the treatment unit. Hygiene - epidemiological mode; barrier system of stay.	
Recommended literature:	
Languages necessary to complete the course:	

Notes:	
Past grade distribution	
Total number of evaluated students: 28	
ABS0	M
100,0	0,0
Lecturers: doc. Mgr. Martina Bašková, PhD., PhDr. Simona Kelčíková, PhD.	
Last change: 29.09.2020	
Approved by:	

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-038/16	Course title: Summer Practice (2)
Educational activities: Type of activities: practice Number of hours: per week: 8 per level/semester: 120 Form of the course: on-site learning	
Number of credits: 1	
Recommended semester: 4.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Environmental Hygiene 1 Nutrition Hygiene 2 Hospital hygiene Legislation in Public Health	
Course requirements: Scale of assessment (preliminary/final): completion	
Learning outcomes: After completion of the practice, the students is able to apply professional knowledge, skills and competence in the departments of the Regional Public Health Authorities: - to be actively involved in work schedule in appointed departments - to specify the organization of work in the departments of epidemiology, preventive occupational medicine, environmental hygiene, nutrition hygiene, child and youth hygiene and health education	
Class syllabus: Epidemiology: - - organization of work in the department - notification of communicable diseases, Epidemiological Information System, notification of flu and flu-like diseases - work in the outbreak area - checking of vaccination - health facilities (Hygiene-epidemiological regime) Preventive occupational medicine - organization of work in the department - state health supervision in preventive occupational medicine in the given region - occupational diseases Environmental hygiene - organization of work in the department - state health supervision, food supervision - travelling Hygiene of child and youth	

- organization of work in the department - state health supervision - summer recreation actions Health education - organization of work - health-education activities implementation of tasks, projects and grants					
Recommended literature: Obligatory literature: BUCHANCOVÁ, J. a kol. Pracovné lekárstvo a toxikológia. Martin: Osveta, 2003, 1133 s. ISBN 80 8063-113-1. Recommended: ROVNÝ, I. a kol: Vybrané kapitoly verejného zdravotníctva II. Turany, P+M, 2013, 896 s., ISBN 978-80-89057-44-3 ROVNÝ, I. a kol. Hygiena životného prostredia, Učebné texty FVZ SZU, 2004 ROVNÝ, I., a kol. Starostlivosť o mladú generáciu, Učebné texty FVZ SZU, 2004					
Languages necessary to complete the course: slovak language					
Notes:					
Past grade distribution Total number of evaluated students: 22 <table> <tr> <td>ABS0</td><td>M</td></tr> <tr> <td>100,0</td><td>0,0</td></tr> </table>		ABS0	M	100,0	0,0
ABS0	M				
100,0	0,0				
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH					
Last change: 24.08.2020					
Approved by:					

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-055/17	Course title: The Health of Population and Demography
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 1 / 1 per level/semester: 15 / 15 Form of the course: on-site learning	
Number of credits: 3	
Recommended semester: 5.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Biostatistics, Human ecology	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student understands essentials of demographic trend and its importance for public health. He/she is able to apply basic demographic indices in public health. He/she understands global problems related to population growth, features of population measures, their implementation and effectiveness. He/she understands multidisciplinary character of population policy, its goals and needs.	
Class syllabus: Demographic indicators - definitions, their employment in public health. Demographic trend and its importance for public health. Numerical characteristics of status, movement and structure of a population, their implementation in public health. Global problems related to population growth (ageing of the population in developed countries, growth in developing countries). Strategy of control of population trends. Population health. Population prognoses. Goals and needs of population policy .	
Recommended literature: RECOMMENDED LITERATURE: JURČOVÁ D.: Krátky slovník základných demografických pojmov. Bratislava: Infostat, 2005 RUSNÁK M., RUSNÁKOVÁ V., PSOTA M.: Štatistika zdravia. Trnava: Trnavská univerzita, Fakulta zdravotníctva a sociálnej práce; Veda, 2013 Publikácie zo stránky Štatistického úradu SR	
Languages necessary to complete the course: slovak	
Notes:	

Past grade distribution						
Total number of evaluated students: 22						
A	ABS0	B	C	D	E	FX
72,73	0,0	18,18	9,09	0,0	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Mgr. Jana Zibolenová, PhD.						
Last change: 21.08.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-023/16	Course title: The Hygiene of Environment (1)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 2 / 1 per level/semester: 30 / 15 Form of the course: on-site learning	
Number of credits: 2	
Recommended semester: 3.	
Educational level: I.	
Prerequisites:	
Recommended prerequisites: Introduction to Public Health, Human ecology	
Course requirements: Scale of assessment (preliminary/final): 0/100	
Learning outcomes: After completion of the subject, the student is able to apply measures to ensure healthy environment to improve and promote population health.	
Class syllabus: Aims, tasks and activities of Environmental Hygiene. Basic components of environment, hygiene of tropospheric atmosphere, Hygiene of air, types of toxins in atmosphere and their influence on humans, animals and vegetation, pedosphere and health dangers. Water sanitation, types of water supply and related health risks, contaminants in ecosystem, health risk analysis in the environment. Sewage treatment plants. Energy sources, effect on the environment. Environmental Impact Assessment (EIA) - Environmental law.	
Recommended literature: Obligatory: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 Recommended: KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. www.lecorbusier.com KUKA, S. Vybrané kapitoly z hygieny životného prostredia I. Elektron. vydanie – MEFANET, 2017, 64 s., ISBN 978-80-8187-037-8. https://portal.jfmed.uniba.sk/clanky.php?aid=370 KUKA, S. Vybrané kapitoly z hygieny životného prostredia II. Elektr. vydanie – MEFANET, 2018, 66 s., ISBN 978-80-8187-053-8. https://portal.jfmed.uniba.sk/clanky.php?aid=388	
Languages necessary to complete the course: slovak, czech	

Notes:						
Past grade distribution						
Total number of evaluated students: 28						
A	ABS0	B	C	D	E	FX
53,57	0,0	32,14	7,14	3,57	0,0	3,57
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Ing. Stanislav Kuka, PhD.						
Last change: 02.09.2020						
Approved by:						

COURSE DESCRIPTION

University: Comenius University in Bratislava	
Faculty: Jessenius Faculty of Medicine in Martin	
Course ID: JLF.ÚVZ/J-1-VZ-024/16	Course title: The Hygiene of Environment (2)
Educational activities: Type of activities: practicals / lecture Number of hours: per week: 3 / 1 per level/semester: 45 / 15 Form of the course: on-site learning	
Number of credits: 5	
Recommended semester: 4.	
Educational level: I.	
Prerequisites: JLF.ÚVZ/J-1-VZ-023/16 - The Hygiene of Environment (1)	
Recommended prerequisites: Environmental Hygiene 1	
Course requirements: Scale of assessment (preliminary/final): 100/100	
Learning outcomes: After completion of the subject, the student is able to apply measures to ensure healthy environment to improve and promote population health.	
Class syllabus: Hygiene of living places, towns and villages, the Athens Charter, residential buildings, health risks, problems of excessive noise in living environment, community infrastructure facilities, physical training facilities, cultural and entertainment facilities. Facilities for the care of the human body. Artificial and natural pools . Transport and environment and health. Waste - distribution, legislation. Global environmental problems	
Recommended literature: Obligatory literature: ŠEVČÍKOVÁ, Ľ. a kol. Hygiena. Bratislava: UK, 2006, 328 s. ISBN 80-223-2103-6 Recommended: KUKA, S: Vybrané kapitoly z hygieny životného prostredia II, ISBN: 978-80-8187-053-8 https://portal.jfmed.uniba.sk/clanky.php?aid=388 KOMÁREK, L., PROVAZNÍK, K. Základy prevence. Praha: SZÚ, 2009, 603 s. www.lecorbusier.com	
Languages necessary to complete the course: slovak, czech	
Notes:	

Past grade distribution						
Total number of evaluated students: 27						
A	ABS0	B	C	D	E	FX
29,63	0,0	29,63	25,93	14,81	0,0	0,0
Lecturers: prof. MUDr. Henrieta Hudečková, PhD., MPH, Ing. Stanislav Kuka, PhD.						
Last change: 24.08.2020						
Approved by:						