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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ HZRZP-VZM/09	Course name: Assessment of Health Risks in the Environment
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: written test, oral exam	
Learning outcomes: Acquiring knowledge in environmental issues, overview of health risks from the environment. Mastering the crisis management of risk management and dealing with extraordinary situations in VZ.	
Brief outline of the course: Assessment of health risks - Risk Assessment in practice (pollution of the main determinants of the environment - water, soil, air) from the point of view of public health and legal legislation. Assessments of health risks in the context of exposure to substances with a late effect - carcinogens, mutagens, teratogens. Global changes in the atmosphere as a cause of extraordinary events in VZ. Communication and perception of health risks in ŽP, management of health risks in ŽP. Industrial accidents, effects of ionizing radiation, exposure to chemical pollutants from the point of view of VZ.	
Recommended literature: Rovný, I. a kol.: Hygiena životného prostredia. SZU, Bratislava 2004 Klement, C. a kol.: Mimoriadne udalosti vo verejnom zdravotníctve. 2011. Šimák, L.: Manažment rizík. 2006, Žilinská univerzita v Žiline. Diabelková, J.: Stručný online prehľad základných pojmov a skratiek v Hygiene a vo Verejnom zdravotníctve : [elektronický zdroj]. Vysokoškolský učebný text. 1. vyd. Košice : Univerzita Pavla Jozefa Šafárika v Košiciach, 2020. 172 s. Dostupné na: https://unibook.upjs.sk/img/cms/2020/1f/strucny-online-prehľad-skratiek.pdf	
Course language: Slovak	
Notes:	

Course assessment						
Total number of assessed students: 113						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.56	36.28	8.85	3.54	0.88	0.0	0.88
Provides: prof. MVDr. Tatiana Kimáková, PhD., prof. Mgr. MUDr. Erik Dorko, PhD., MPH, MBA, Mgr. Jana Diabelková, PhD., prof. MUDr. Kvetoslava Rimárová, CSc., MVDr. Zlatana Sulínová, PhD., Mgr. Simona Miškárová						
Date of last modification: 29.10.2024						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KPLaKT/HZRPP-VZM/22	Course name: Assessment of Health Risks in the Work Environment
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Development of a risk assessment for work in exposure to factors in the work environment	
Learning outcomes: Health risk assessment (HHR) or assessment of the work factor in terms of its impact on the health of employees	
Brief outline of the course: Health risk assessment methodology. Health risk assessment of occurring work and work environment factors that can be potentially harmful to the health of employees. The process of identifying factors in the work environment, the rate of their occurrence, evaluating the probability and severity of a harmful effect on a person as a result of exposure to a dangerous factor under defined conditions from defined sources. Classification of works into categories. The purpose of classifying works according to the size of the risk, i.e. j. degree of threat to the health of employees into individual categories. Assessment of health fitness for work based on the results of medical preventive examinations in relation to work and the results of the risk assessment of exposure to work factors and the work environment of the employee who performs work classified in the first, second, third and fourth categories. Non-fulfillment of obligations imposed by Act no. 355/2007 Z. z.. in the area of health protection at work - administrative offense in the area of public health.	
Recommended literature: 1. Zákon NR č. 355/2007 z 21.júna 2007 o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov. 2. Vyhláška MZ SR č. 91/2018 Z. z. o podrobnostiach a faktoroch práce a pracovného prostredia vo vzťahu ku kategorizácii prác z hľadiska zdravotných rizík a o náležitostiach návrhu na zaradenie prác do kategórií 3. Vykonávacie predpisy ku zákonu 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov	
Course language: slovak	

Notes:					
Course assessment					
Total number of assessed students: 56					
A	B	C	D	E	FX
32.14	32.14	14.29	12.5	8.93	0.0
Provides: Mgr. Marianna Kizeková, PhD., MBA, prof. MUDr. Ľubomír Legáth, PhD.					
Date of last modification: 16.02.2024					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KPLaKT/CHP-VZM/22	Course name: Choroby z povolania
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Solving assigned tasks, preparing a presentation and seminar work in relation to occupational diseases of the Slovak Republic An exam	
Learning outcomes: To acquire the theoretical knowledge necessary for the analysis of exposure and risk in the work environment in relation to health damage from work. Mastering the current results of scientific discoveries with a focus on assessing health damage caused by physical, chemical and biological pollutants from work with practical mastery of clinical epidemiology, including health statistics.	
Brief outline of the course: Introduction to occupational medicine, legislation, procedure for reporting an occupational disease. Damage to health from work as a result of - physical factors: disease of the upper limbs from DNJZ, disease from vibrations, hearing impairment from noise, disease from electromagnetic radiation, - chemical factors: occupational pneumopathy, occupational intoxication, - biological factors: infectious and parasitic diseases, including tropical and anthroozoonoses Other health damage from work	
Recommended literature: LEGÁTH Ľ., BUCHANCOVÁ J.: Pracovné lekárstvo : vybrané kapitoly I. - Martin : Vydavateľstvo Osveta, 2020, ISBN 9788080634933 Buchancová, J. a kol.: Pracovné lekárstvo a toxikológia, Osveta Martin, 2003, 1132 s., ISBN 80-806-3113-1 Tuček M. a kol.: Pracovní lékařství pro praxi, Grada Praha, 2005, 344 s. ISBN: 802470927 Brhel P. a kol.: Pracovní lékařství. Základy primární pracovnělékařské péče. vyd. Brno: Národní centrum ošetrovatelství nelékařských zdravotnických oborů v Brně, 2005. 338s. ISBN 80 -7013 -414 -3. Rom, W.N.: Environmental a Occupational Medicine, New York, 1998 Levy, B.S.; Wegman, D.H.: Occupational Health, Philadelphia, 2000	
Course language: Slovak	
Notes:	

Course assessment					
Total number of assessed students: 66					
A	B	C	D	E	FX
36.36	12.12	24.24	13.64	13.64	0.0
Provides: prof. MUDr. Ľubomír Legáth, PhD., Mgr. Marianna Kizeková, PhD., MBA, doc. MUDr. Slavomír Perečinský, PhD.					
Date of last modification: 22.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: ULCHBKB/KB-VZM/11		Course name: Clinical Biochemistry			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 2.					
Course level: II.					
Prerequisites: ULCHBKB/ZBch-VZ/22					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. MUDr. Anna Birková, PhD., MUDr. Eva Ďurovcová, PhD.					
Date of last modification: 03.05.2015					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: KDaD/ KVM-VZM/09		Course name: Clinical Examination Methods				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present						
Number of ECTS credits: 2						
Recommended semester/trimester of the course: 3.						
Course level: II.						
Prerequisites:						
Conditions for course completion: continuous oral verification of knowledge credit						
Learning outcomes: Introduce the students with the basics of clinical examination methods, especially in internal medicine (cardiology and pulmonology), surgery (including traumatology), pediatrics, gynecology and obstetrics, gastroenterology and endocrinology, dermatology and venereology, ENT and ophthalmology, neurology, psychiatry, and dentistry. Point out mutual relations between laboratory (microbiological, biochemical and hematological) and clinical investigation methods. Final summary and application possibilities of investigative methods in the practice of the individual departments listed in the "Results of education" section, in the practice of public health						
Brief outline of the course: Introduction – historical development of clinical investigation methods. Investigation methods in individual clinical subjects with a connection to public health. Interrelationships of laboratory and clinical investigation methods. EBM - evidence-based medicine - principles. Final summary and application possibilities of investigative methods in the practice of public health.						
Recommended literature: TAKÁČ, M. a kol.1992. Propedeutika vnútorného lekárstva (Propedeutics in internal medicine). Martin: Vydavateľstvo Osveta, 1992. 274 s. ISBN 80-217-0438-1						
Course language: Slovak						
Notes: continuous oral verification of knowledge						
Course assessment Total number of assessed students: 122						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.92	39.34	5.74	0.0	0.0	0.0	0.0

Provides: prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN, doc. MUDr. Pavol Joppa, PhD., doc. MUDr. Janette Baloghová, PhD., prof. MUDr. Peter Urdzík, PhD., MPH, prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Milan Kuchta, CSc., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Marianna Fajdelová

Date of last modification: 13.03.2023
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Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: UVZH/ ODP-VZM/18		Course name: Defence of Diploma Thesis			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 8					
Recommended semester/trimester of the course: 3., 4..					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 56					
A	B	C	D	E	FX
50.0	33.93	7.14	3.57	5.36	0.0
Provides:					
Date of last modification: 13.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UE/ Ep2-VZM1/09		Course name: Epidemiology II. - 1				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present						
Number of ECTS credits: 5						
Recommended semester/trimester of the course: 1.						
Course level: II.						
Prerequisites:						
Conditions for course completion: presentation of seminar work, credit test, oral exam						
Learning outcomes: To provide basic knowledge about the epidemiology of infectious diseases and measures against their occurrence. After completing the subject, the student will be able to practically and theoretically solve epidemiological situations and decide on possible measures against their occurrence, especially in the field of intestinal, respiratory, parasitic and other infections.						
Brief outline of the course: Epidemiology of selected infectious diseases from the group of intestinal infections and respiratory infections. Basic data on the most medically important pathogens, host-parasite relationship, or intermediate host, biological cycles of parasites in relation to clinical manifestations. The basic epidemiological characteristics of these diseases - the occurrence of the disease in our country and in the world, risk groups, transmission of the disease and factors that influence it. Preventive and punitive measures related to these diseases. Analysis of published and well-documented epidemics.						
Recommended literature:						
Course language: Slovak						
Notes:						
Course assessment Total number of assessed students: 131						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.15	6.11	15.27	16.03	6.11	3.82	1.53
Provides: MUDr. Ingrid Babinská, PhD., MPH, doc. MUDr. Ingrid Urbančíková, PhD., MPH						
Date of last modification: 13.03.2023						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UE/ Ep2-VZM2/09	Course name: Epidemiology II. - 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: UE/Ep2-VZM1/09	
Conditions for course completion: presentation of seminar work, credit test, oral exam	
Learning outcomes: To provide students with basic knowledge about the epidemiology of infectious diseases and measures against their occurrence. After completing the subject, the student will be able to practically and theoretically solve epidemiological situations and decide on possible measures against their occurrence, he will also be able to assess the results of vaccination, the results of reporting various infectious diseases, e.g. flu, polio disease, meningococcal disease.	
Brief outline of the course: Organization, scope of work of the public health and departments for public healths, reporting and anti-epidemic measures for diseases against which vaccination is carried out. Vaccination - planning, organization, control, evaluation, handling and storage of the vaccine, indication and contraindications, immunological reviews. Influenza legislation, new knowledge about avian flu. Methodological guidelines for the occurrence of invasive meningococcal diseases, epidemiological situation in the occurrence of these diseases. Acquisition and processing of data on influenza and influenza-like diseases in the district, region and the Slovak Republic, system for processing influenza and influenza-like diseases (EPIS). Reporting of diseases, procedure for implementing anti-epidemic measures when they occur, preventive measures, cooperation with laboratory components and clinics. Reporting of polio-like diseases (special questionnaires), preventive and anti-epidemic measures, sampling of waste water for enteric viruses. Acquaintance with the action plan for poliomyelitis, the current epidemiological situation, preventive measures and surveillance of poliomyelitis.	
Recommended literature: Bazovská a kol.: Špeciálna epidemiológia. UK, Bratislava 2017, 337 s. Bakoss P. a kol.: Epidemiológia. UK, Bratislava 2008, 2014, 2013, 520 s.	
Course language: Slovak	
Notes:	

Course assessment					
Total number of assessed students: 124					
A	B	C	D	E	FX
42.74	32.26	13.71	11.29	0.0	0.0
Provides: prof. Mgr. MUDr. Erik Dorko, PhD., MPH, MBA, prof. MVDr. Monika Halánová, PhD., MUDr. Zuzana Kalinová, PhD., prof. MVDr. Peter Juriš, CSc.					
Date of last modification: 13.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UE/HV-VZM/09	Course name: Food Hygiene
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: oral exam	
Learning outcomes: Acquire theoretical and practical knowledge from the activities of the department of nutrition hygiene - nutrition physiology, physiological situations in which specific / special / nutritional requirements are applied, from the detection and evaluation of the nutritional status of the inhabitants of the Slovak Republic, diseases related to nutrition - excessive and insufficient, from the enforcement of the principles of correct of nutrition and education of residents to changes in eating habits, implementation of programs and projects resulting from the state nutrition policy.	
Brief outline of the course: Introduction to the subject. Nutrient substances represented in nutrition, optimal nutrition regime, number and frequency of daily food intake. Physiological factors and factors of the living and working environment related to nutritional needs. Objectification of positive and negative factors of nutrition related to the principles of protection, support and development of health. Hygienic issues of eating together with regard to the nutritional value, sensory value and safety of the food served. Applying and enforcing the principles of healthy nutrition with a focus on changes in nutritional and dietetic nutrition systems with the aim of achieving a reduction in morbidity, mortality and an increase in the average life expectancy of the population. Incidence of non-infectious diseases related to nutrition. Educational and advisory activities with an emphasis on influencing eating habits and enforcing the principles of proper nutrition among residents. Monitoring of nutritional status, nutritional disorders and occurrence of non-infectious diseases in relation to nutrition. Promoting society-wide programs in the field of healthy nutrition.	
Recommended literature: Beňo I.: Náuka o výžive. Osveta Martin, 2003, 160 s. Müllerová D.: Zdravá výživa a prevence civilizačních nemocí ve schématech. Triron 2003, 104 s. Koncepcia odboru hygiena výživy č. 10181-2/2008-ŠT z 25.2.2008 Zákon č. 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia... Zákon č. 152/1995 Z. z. o potravinách... Potravinový kódex Slovenskej republiky Programy a projekty úradov verejného zdravotníctva SR	

Programové vyhlásenie vlády SR na úseku VZ na roky 2006-2010					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 122					
A	B	C	D	E	FX
38.52	48.36	10.66	2.46	0.0	0.0
Provides: prof. MVDr. Peter Juriš, CSc.					
Date of last modification: 13.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UVZH/ ZP-VZM/17		Course name: Fundamentals of Parasitology				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present						
Number of ECTS credits: 2						
Recommended semester/trimester of the course: 1.						
Course level: II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., prof. MVDr. Peter Juriš, CSc.						
Date of last modification: 13.03.2023						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULI/ ZMIVZ-VZM1/09	Course name: Health and Medicine Informatics in VZ 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all assigned tasks.	
Learning outcomes: The aim of the subject is to master the basic concepts, procedures and means of information and communication technologies used in the electronic healthcare system. To achieve computer literacy among students at a level that will allow them to effectively use the elements of informatics when processing various experimental and clinical tasks, student professional activities as well as the basics of scientific works. Master the work with the database system in order to understand the principle of working with data in information systems and the essence of their functioning, basic statistical processing of data.	
Brief outline of the course: Utilization of ICT and informatics tools in medicine, eHealth, electronic health record, ePrescription, eMedication, eAllocation, information systems, telemedicine, bioinformatics, electronic signature, eLearning. Databases, data processing, database tables, primary keys, input mask, relations between tables. Forms in database, controls in forms, searching for information in database, data filtering, data sorting, queries, selection criteria, working with printing reports. Introduction into the biomedical statistics, descriptive statistics.	
Recommended literature: 1. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 2. Majerník J., Švída M.: Databázy v MS Access. Multimediálna podpora výučby klinických a zdravotníckych odborov :: Portál Lekárskej fakulty Univerzity Pavla Jozefa Šafárika v Košiciach, < http://portal.lf.upjs.sk/clanky.php?aid=57 >. ISSN 1337-7000. 3. Majerník J.: Úvod do (bio)štatistiky. Multimediálna podpora výučby klinických a zdravotníckych odborov :: Portál Lekárskej fakulty Univerzity Pavla Jozefa Šafárika v Košiciach, < http://portal.lf.upjs.sk/clanky.php?aid=112 >. ISSN 1337-7000. 4. Majerník J., Kotlárová K.: Medicínska informatika 2 - Nemocničný informačný systém, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-812-2.	

5. Majerník J.: Základy informatiky, Košice 2008, Aprilla, ISBN 978-80-89346-03-5.
6. Príručky k nemocničným, ambulantným, rádiologickým a laboratórnym informačným systémom.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 131

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
44.27	1.53	12.21	18.32	11.45	10.69	1.53

Provides: doc. Ing. Jaroslav Majerník, PhD.

Date of last modification: 25.03.2023

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULI/ ZMIVZ-VZM2/15	Course name: Health and Medicine Informatics in VZ 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: ULI/ZMIVZ-VZM1/09	
Conditions for course completion: 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all assigned tasks. 4. Final exam.	
Learning outcomes: Understand basic principles of Evidence based Medicine (EBM). The students will get skills to obtain information about clinical scientific outputs; they will know how to critically evaluate clinical information as well as they will know to present benefits for clinical praxis. Basics of scientific work related to the medicine will be also explained.	
Brief outline of the course:	
Recommended literature: 1. Majerník J.: Úvod do medicíny založenej na dôkazoch pre študentov lekárskech fakúlt, Univerzita Pavla Jozefa Šafárika v Košiciach, ŠafárikPress, 2021, ISBN 978-80-574-0065-3. 2. Majerník J.: Medicína založená na dôkazoch. Multimediálna podpora výučby klinických a zdravotníckych odborov :: Portál UPJŠ LF, Dostupný z WWW: < http://portal.lf.upjs.sk/clanky.php?aid=59 >. ISSN 1337-7000. 3. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 4. Heneghan C., Badenoch D.: Evidence-based Medicine Toolkit, BMJ Books, Blackwell Publishing, 2006, ISBN 978-0-7279-1841-3. 5. Notes from practical lessons and handbooks of Evidence Based Medicine.	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 67					
A	B	C	D	E	FX
26.87	47.76	22.39	2.99	0.0	0.0
Provides: doc. Ing. Jaroslav Majerník, PhD.					
Date of last modification: 25.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KICM/ INN-VZM/18	Course name: Infectology and Nosocomial Infections
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present	
Number of ECTS credits: 6	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: ULM/Im-VZM/22 and UE/Ep2-VZM2/09	
Conditions for course completion: CP - Conditions for passing the subject: Successful completion of practical exercises/seminars requires: - Mandatory 90% participation in practical exercises, theoretical and methodical mastery of practical tasks. - For serious reasons - after documentation - a maximum of 2 exercises can be excused - II. To successfully complete the subject and obtain credits, the following is necessary: - Successful completion of practical exercises/seminars and the final exam. - Final exam: oral - the final assessment takes into account the results of the interim assessment and the final exam.	
Learning outcomes: ER - Education results: After completing the course, students will have basic knowledge of epidemiological aspects and the basics of diagnosis of infectious diseases and nosocomial infections, they will know the basic principles of anti-infective treatment, current problems of 21st century infectology. To acquaint students with the specifics of solving the issue of the occurrence of nosocomial infections.	
Brief outline of the course: CC - Course contents: Lecture topics: Nature of infectious diseases, principles of diagnosis. Intestinal infections. Respiratory tract infections. Blood infections. Infections of the skin and superficial mucous membranes. Zoonoses. Nosocomial infections. Types of nosocomial infections, routes of transmission, sources of nosocomial infections. Disinfection and sterilization methods and their control in medical facilities. Bioterrorism.	
Recommended literature: L - Recommended literature: Bálint O. a kol.: Infektológia a antiinfekčná terapia. 2.prepracované vydanie. Bratislava, Osveta 2007.	
Course language: PJ - Language, the knowledge of which is necessary to pass the subject : slovak	
Notes:	

Course assessment					
Total number of assessed students: 21					
A	B	C	D	E	FX
66.67	19.05	9.52	4.76	0.0	0.0
Provides: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Pavol Kristian, PhD., MUDr. Martin Novotný, PhD., doc. MUDr. Zuzana Paraličová, PhD., MUDr. Ivana Hockicková, PhD., MUDr. Štefan Porubčin, PhD., MUDr. Ondrej Zahornacký, PhD.					
Date of last modification: 20.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KPLaKT/LNVZ-VZM/18	Course name: Legislative Standards in Public Health
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Elaboration of an expert opinion on a given topic. An exam	
Learning outcomes: Orientation in the basic legal regulations in the field of public health and being able to apply this legislation in practice in all fields of PH.	
Brief outline of the course: The competence of regional public health authorities - organization and performance of public health, implementation of prevention of diseases and other health disorders, establishment and activity of commissions for examination of professional competence, requirements for professional competence and issuance of certificates of professional competence, requirements for healthy living conditions, healthy working conditions, requirements for radiation protection, measures of state administration bodies in the field of public health in the event of extraordinary events, obligations of natural persons, natural persons - entrepreneurs and legal entities in the protection, promotion and development of public health, performance of state health supervision, misdemeanors and other administrative offenses in the field of public health healthcare. Legal aspects of the provision of health care (instruction, informed consent, agreement on the provision of health care). Basics of Public Health legislation. Basic legislative standards for health protection in the Slovak Republic. Constitution of the SR. The meaning of the right of general assembly, legal regulations, their types and legal force, public administration and state administration bodies, scope of legal regulation of general assembly, legal regulations in the section of general assembly. Application of healthcare workers' legislation in practice. Act no. 355/2007 Coll., its division and content, terms, natural and legal persons, their creation, labeling, legal personality and their general and special obligations in the protection and promotion of public health.	
Recommended literature: 1. Benedikovičová A., Rusnák M. - Aktuálny prehľad záväzných právnych predpisov v zdravotníctve a vo verejnom zdravotníctve, vyd. Trnavská univerzita v Trnave, Fakulta zdravotníctva a sociálnej práce, Katedra verejného zdravotníctva, 2014, 2. Platná legislatíva SR a EU	

3. http://jaspi.justice.gov.sk/jaspiw1/jaspiw_mini_fr0.htm
4. <http://eur-lex.europa.eu/homepage.html?locale=sk>
5. Zákon NR č. 355/2007 z 21. júna 2007 o ochrane, podpore a rozvoji verejného zdravia a o zmene a doplnení niektorých zákonov.
6. Ústava Slovenskej republiky. Zdroj online: <https://www.prezident.sk/upload-files/20522.pdf>.
7. Zákon NR SR č. 55/2017 o štátnej službe v znení neskorších predpisov – aktuálne znenie.
8. Zákon NR SR č. 552/2003 Z. z. o výkone práce vo verejnom záujme – aktuálne znenie.

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 56

A	B	C	D	E	FX
83.93	14.29	1.79	0.0	0.0	0.0

Provides: Mgr. Marianna Kizeková, PhD., MBA

Date of last modification: 16.02.2024

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KICM/ LV-VZM/22	Course name: Medical Vaccinology
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites: KICM/INN-VZM/18	
Conditions for course completion: CP - Conditions for passing the subject: The condition for passing the course is active participation in practical exercises and successful writing and presentation of a seminar paper. Lectures are held face-to-face according to the schedule. Students' independent work: Students will be given specific tasks related to the topic of the lecture for independent work at home. They send the completed task to the teacher by e-mail and present it at the end of the semester. Practical teaching at the clinic will take place according to the schedule. Consultation hours will be offered to students by appointment. Objective of the course: To acquaint students with infectious diseases that are preventable by vaccination, with the basic principles of vaccination, possible side effects and their management. Annotation: The teaching of the subject is focused on the characteristics, transmission, basic epidemiological data, clinical course, diagnosis and treatment by vaccination of preventable infectious diseases. It focuses on vaccination options and the procedure for vaccination against individual diseases, as well as recommendations for vaccination of risk groups.	
Learning outcomes: ER - Education results: To understand the basic principles of specific prophylaxis, the action of vaccines in the individual, collective immunity, the public health importance of vaccination strategies and their application in society.	
Brief outline of the course: CC - Course contents: Annotation: The teaching of the subject is focused on the characteristics, transmission, basic epidemiological data, clinical course, diagnosis and treatment by vaccination of preventable infectious diseases. It focuses on vaccination options and the procedure for vaccination against individual diseases, as well as recommendations for vaccination of risk groups.	
Recommended literature: L - Recommended reading: - BÁLINT O. a kol.: Infektológia a antiinfekčná terapia. 2. vydanie. Osveta 2007, Martin. 587 s. ISBN: 8080632227. – dostupné v knižnici LF –	

ROZSYPAL, Hanuš. Základy infekčního lékařství. 1. vydání. Praha : Karolinum, 2015. 566 s. ISBN 978-80-246-2932-2. – elektronická verzia dostupná v knižnici LF, cez ProQuest Ebook Central. <https://ebookcentral.proquest.com/auth/lib/upjs-ebooks/login.action?returnURL=https%3A%2F%2Febookcentral.proquest.com%2Flib%2Fupjs-ebooks%2Fdetail.action%3FdocID%3D4395911%26query%3D> –
 Beran J, Havlík J, Vonka V. Očkování – minulost, přítomnost, budoucnost, vyd. Galen, 2005, s.348. ISBN 80-7262-361-3. <https://www.upjs.sk/public/media/22885/Navod.pdf>

Course language:

PJ - Language, the knowledge of which is necessary to pass the subject:
 Slovak

Notes:

Course assessment

Total number of assessed students: 112

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.0	39.29	5.36	3.57	0.89	0.89	0.0

Provides: prof. MUDr. Ivan Schréter, CSc., prof. MUDr. Pavol Kristian, PhD., doc. MUDr. Zuzana Paraličová, PhD., MUDr. Martin Novotný, PhD., MUDr. Ivana Hockicková, PhD., Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., MUDr. Patrícia Denisa Lenártová, PhD., MUDr. Jakub Sekula, PhD., MUDr. Štefan Porubčin, PhD., MUDr. Ondrej Zahornacký, PhD.

Date of last modification: 20.03.2023

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ OP2-VZM/15	Course name: Public Health - Clerkship II.
Course type, scope and the method: Course type: Controlled practical outcome Recommended course-load (hours): Per week: Per study period: 70s Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: II.	
Prerequisites:	
Conditions for course completion: The diploma thesis is the result of the student's own creative work. It must not show elements of academic fraud and must meet the criteria of proper research practice defined in Rector's Decision no. 21/2021, which establishes the rules for assessing plagiarism at the University of Pavel Jozef Šafárik in Košice and its components. The fulfillment of the criteria is verified mainly in the training process and in the process of defending the work. Failure to comply with them is grounds for initiation of disciplinary proceedings.	
Learning outcomes: Acquaintance of listeners with the practical activities of individual departments of the regional public health office in the sense of protection and creation of healthy living conditions population. The student will be able to perform practical tasks within the framework of the work of the regional office of public health under supervision. With the diploma thesis, the student demonstrates mastery of the extended theory and professional terminology of the field of study, the acquisition of knowledge, skills and competences in accordance with the declared profile of the graduate of the study program, as well as the ability to apply them in an original way when solving the selected problem of the field of study. The student will demonstrate the ability of independent professional work from a content, formal and ethical point of view. Further details of the diploma thesis are determined by Directive no. 1 /2011 on the basic requirements of final theses and Art. 16 of the Study Regulations of UPJŠ LF in Košice.	
Brief outline of the course: Practical solutions to the hygienic-epidemiological situation and current hygienic-epidemiological problems in the creation of healthy living conditions for the population, at individual workplaces of the regional public health office, namely the departments of environmental microbiology, the department of preventive occupational medicine, the department of health protection against radiation, the department of chemical analysis, the department of support of health, department of environmental hygiene.	
Recommended literature: 1. Rovný, I. a kol., Vybrané kapitoly verejného zdravotníctva I., s. 591, ISBN 978-80-89057-33-7 2011,	

2. Rovný, I. a kol., Vybrané kapitoly verejného zdravotníctva II., s. 895, ISBN 978-80-89057-44-3 2013,
3. Klement, C. a kol., Verejné zdravotníctvo, s. 432, ISBN 978-80- 89057-80-1, 2019,
4. Klement, C. a kol., Terminológia verejného zdravotníctva I., s. 376, ISBN 978-80-89057-60-3 2016

Course language:

Notes:

Course assessment

Total number of assessed students: 106

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
89.62	10.38	0.0	0.0	0.0	0.0	0.0

Provides: prof. MVDr. Tatiana Kimáková, PhD.

Date of last modification: 23.03.2023

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ VZ2-SS-VZM/14	Course name: Public Health II.
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3., 4..	
Course level: II.	
Prerequisites:	
Conditions for course completion: Obtaining the required number of credits in the prescribed composition of the study plan.	
Learning outcomes:	
Brief outline of the course: Action of the state in liquidation of emergency situations, disaster, as an emergency, natural disaster, accident as an emergency, executive and management units of the state administration - ministries and central authorities of the state administration. Health disasters, terrorism, biological warfare, biological weapons, health risks and their elimination, epidemics and pandemics, pandemic plan. Act on civil protection of the population, system of tasks and measures aimed at protecting life, health and property, analysis of possible threats, taking measures to reduce the risks of threats, determination of procedures and activities in removing the consequences of extraordinary events. Organization, management and execution of rescue, localization and liquidation works, rescuing people, providing pre-medical and medical aid, freeing people and evacuating the wounded. Public health significance of zoonoses. Public health significance of new and novo (re-emerging) diseases. Emergent situations in the occurrence of communicable diseases. Management and preparation for emergent situations in the occurrence of communicable diseases - IHR (highly virulent measles - Ebola, avian, seasonal and pandemic flu). The position of the General Assembly in the company. Prevention of imported communicable diseases. Bioterrorism - public health threat. Preparing for a flu pandemic. Public health significance of nosocomial infections. Occupational diseases. Principles of health protection and promotion at work. PZS activity in the field of employee health supervision. Health and safety at work. The role of public health protection authorities. Occupational health services - supervision of working conditions and assessment of health fitness for work by performing preventive medical examinations in relation to work. Special work activities. Physical factors in the work environment. Chemical factors in the working environment. Assessment of health risks from exposure to work environment factors. Basics of the health risk analysis system. Sequences in risk assessment. Hazard identification. Dose effect relationship. Hazard exposure assessment. Risk characteristics. Risk management. Effects of chemical substances. Irritant, systemic, mutagenic, carcinogenic, teratogenic. Types of systemic effects. IARC - classification of carcinogens. Basics of health risk management. Risk management. Communication and perception of health risks. Monitoring and	

<p>evaluation of the effectiveness of the adopted risk management procedures. Primary health risks (8 principles). Application of management primaries (6 steps) Communication problems. Seven basic principles and rules of risk communication. Assessment of health risks from exposures exposures in different environments. Work environment vs. Environment.</p> <p>Administration of Health Services and Insurance of the Slovak Republic. Legislative standards related to the administration of health services and the insurance industry. Statistical surveys and national registers related to the health status of the population. Medical documentation and reports on the activities of health care providers. Electronic healthcare. Research projects in public health. Social determinants of health. Environmental determinants of health. Behavioral determinants of health. Human resources management. Teamwork as part of human resource management. Human resource management in public health. Teamwork in public health. History and present of health promotion in the world. The history and present of health support in the Slovak Republic. Intervention programs in the field of health promotion. Intervention programs in the field of disease prevention. Public health in the 21st century.</p>					
Recommended literature:					
Course language: Slovak					
Notes: State Examination					
Course assessment Total number of assessed students: 67					
A	B	C	D	E	FX
32.84	35.82	17.91	4.48	8.96	0.0
Provides:					
Date of last modification: 23.03.2023					
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UE/VP-VZM1/22		Course name: Research Project				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 3 Per study period: 0 / 42 Course method: present						
Number of ECTS credits: 3						
Recommended semester/trimester of the course: 1.						
Course level: II.						
Prerequisites:						
Conditions for course completion: Development and output presentation of the assigned research project. Final evaluation - obtaining credits.						
Learning outcomes: The goal is to obtain theoretical knowledge and practical experience in the use of scientific methods in the field of general and special epidemiology of infectious diseases.						
Brief outline of the course: The importance and need of a research project. Information preparation of research. Research design. Structure of the research project. Variables. Method of selection of the research file. Hypotheses. Research questions. Research methods. Data collection methods in research. Creating a questionnaire. Data processing. Data interpretation. Evaluation of the research project. Laboratory methods used in the research of infectious diseases.						
Recommended literature: Bakoss,P. a kol.: Epidemiológia, UK, Bratislava, 2014. Janout V, Janoutová J.: Medicína založená na dukazu a klinická epidemiologie. Grada Publishing, a.s., 2021, 199 s.						
Course language: slovak						
Notes:						
Course assessment Total number of assessed students: 73						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
24.66	72.6	0.0	0.0	0.0	0.0	2.74
Provides: prof. MVDr. Monika Halánová, PhD., MVDr. Veronika Bednárová, PhD., MUDr. Zuzana Kalinová, PhD., MVDr. Elena Hatalová, PhD.						
Date of last modification: 28.02.2023						

Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UVZH/ DS-VZM/09		Course name: Seminar of Diploma Thesis				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 1 Per study period: 0 / 14 Course method: present						
Number of ECTS credits: 2						
Recommended semester/trimester of the course: 3.						
Course level: II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 122						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
85.25	14.75	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Peter Kolarčík, PhD., MVDr. Marcela Linková, PhD., prof. PhDr. Lucia Dimunová, PhD., prof. MUDr. Kvetoslava Rimárová, CSc.						
Date of last modification: 13.03.2023						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UE/ MSVIC-VZM/18	Course name: Special Cases of Infectious Diseases
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: oral exam	
Learning outcomes: Acquire of theoretical knowledge about human ecology and the factors that this subject includes, acquisition of knowledge and insights from emergency situations in public health. Obtaining information about diseases with a high epidemiological risk and diseases resulting from exposure to chemical substances and physical factors. The student will be able to assess the possible risks resulting from the factors of human ecology at a theoretical level.	
Brief outline of the course: Basics of human ecology. Ecology and its basic concepts, ecosystem, biotope. Population and its growth and impact on the environment. Global warming and its consequences. Ecological and health consequences of conflicts - refugee camps, discrimination, military conflicts, vulnerable groups. Extraordinary ecological situations resulting from climatic effects - floods, droughts, earthquakes, tsunamis, tornadoes. Emergency situations caused by biological, chemical agents. Extraordinary epidemiological event, its course, handling, reporting. Laboratory detection methods, treatment principles, management of mass loss. Prevention, principles of individual and population protection, fight against terrorism. Rapid warning system and cooperation within the EU countries in the epidemiological information system. Organizations fighting terrorism.	
Recommended literature: Rovný, I. a kol.: Vybrané kapitoly verejného zdravotníctva I, Bratislava, 2011 Rovný, I. a kol.: Vybrané kapitoly verejného zdravotníctva II, Bratislava, 2013 JurišP., Jarčuška, P. a kol.: Infektológia a vyšetrovacie metódy používané vo verejnom zdravotníctve, Košice, 2009 Šulcová, M. a kol.: Verejné zdravotníctvo, Bratislava, 2012 Zákon č. 355/2007 Z. z. o ochrane, podpore a rozvoji verejného zdravia Klement, C. a kol.: Mimoriadne udalosti vo verejnom zdravotníctve, 2011 Klement, C. a kol.: Biologické a chemické zbrane-pripravenosť a odpoveď, Banská Bystrica, 2013	
Course language:	

Slovak						
Notes:						
Course assessment						
Total number of assessed students: 56						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
37.5	51.79	8.93	1.79	0.0	0.0	0.0
Provides: prof. MVDr. Monika Halánová, PhD., prof. MVDr. Peter Juriš, CSc., doc. MUDr. Ingrid Urbančíková, PhD., MPH						
Date of last modification: 13.03.2023						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: Dek. LF UPJŠ/SVOC/09		Course name: Student Science Work - Presentation at SSC				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present						
Number of ECTS credits: 4						
Recommended semester/trimester of the course: 3., 4..						
Course level: I., I.II., II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 175						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
89.14	10.86	0.0	0.0	0.0	0.0	0.0
Provides:						
Date of last modification: 10.10.2024						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						