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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: USBM/ AZSP-VZM/09	Course name: Administration of Health Services and Insurance
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: 4	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: USBM/MLZ-VZM/22	
Conditions for course completion: 1. 100% participation in practicals and 100% participation in lectures. 2. Successful presentation of the selected topic (minimum 20 points). 3. Successful completion of the final test (minimum 31 points). Last update: https://www.upjs.sk/app/uploads/sites/9/2023/02/USBM_UP_Pr-Cv_VZmgr-1_AZSP_2023-02-03.pdf . Conditions for passing the course: Successful completion of the final exam. Final assessment (exam): presentation of the selected topic and final test.	
Learning outcomes: To provide students with an overview of the basic legislative standards related to the administration of health services and health insurance in Slovakia, with the aim of gaining a deeper understanding of the acquisition and use of data in the National Health Information System. After completing the course, students can search for relevant data from the outputs of statistical surveys (health yearbooks, annual activity reports of selected health care providers, health status reports). They will become familiar with the functions of electronic healthcare and the activities of the National Center for Health Information. They will know the basic principles of managing, processing and providing health documentation and the basic principles of administration of insurance services.	
Brief outline of the course: Legislative standards related to the administration of health services and the insurance industry in Slovakia; Healthcare information system, systematic collection of data on the health status of the population - statistical surveys; Electronic healthcare in Slovakia - the e-Health project and the National Health Portal; Electronic healthcare services - electronic health worker's ID card, electronic health book, electronic prescription, e-Allocations; National Administrative Registers and National Health Registers; Annual reports on the activities of health care providers; Basic principles of management, processing and provision of health documentation; Basic principles of administration of insurance services. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/	

Recommended literature:

Základná študijná literatúra:

Zákon NR SR č. 153/2013 Z. z. o národnom zdravotníckom informačnom systéme v aktuálnom znení.

Webové stránky:

Asociácia zdravotných poisťovní SR- www.azpsr.sk

Komora pre medicínske právo - MEDIUS - www.medius.sk

Národné centrum zdravotníckych informácií - www.nczi.sk

Národný portál zdravia - www.npz.sk

Všeobecná zdravotná poisťovňa - www.vszp.sk

Zdravotná poisťovňa Dôvera - www.dovera.sk

Zdravotná poisťovňa UNION - www.union.sk

Course language:

Slovak

Notes:

Estimated student time burden: 52 hours
of which full-time study (L, Pr) 28 hours,
presentation preparation 12 hours,
self-study 12 hours

Course assessment

Total number of assessed students: 98

A	B	C	D	E	FX
38.78	36.73	23.47	1.02	0.0	0.0

Provides: MVDr. Marcela Linková, 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/ 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.						
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: 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: 51					
A	B	C	D	E	FX
27.45	35.29	15.69	11.76	9.8	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 anthroponozoonoses 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: 57					
A	B	C	D	E	FX
38.6	12.28	22.81	14.04	12.28	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.					
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: 113						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
59.29	34.51	6.19	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., 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: USBM/ KZ-VZM/22	Course name: Communication in Healthcare
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: 1. 100% active participation. Any absence (max. 2 times) must be duly excused with the instructor and made up as agreed with the instructor. 2. 30 points: Seminar paper (minimum 16 points). 3. 30 points: Oral presentation related to the Seminar paper (minimum 16 points). 4. 40 points: Successful completion of the written test (minimum 60% correct answers). A minimum of 70 points is required to pass the course. Updated Information: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicine/education/subjects/mgr/ Successful completion of the final test and the seminar paper (written and oral thesis and oral presentation). Final assessment (examination): Combined assessment: final test and seminar paper.	
Learning outcomes: After completing the course, students will know the latest trends in the development of this intensively developing field. They will gain an overview of the research, theory and practice of communication in healthcare, with application outcomes for disease prevention, health promotion and health care. They will learn to understand the roles of interpersonal communication, mass communication and new/social media communication in health care. Gain practical experience in designing, developing, implementing and evaluating health education and media campaigns. They will become familiar with the possibilities of the use of strategic communication to improve health and reduce health inequalities.	
Brief outline of the course: An introduction to healthcare communication. Communication in the organization. Communication with institutions. Communication and health outcomes. Providing relevant health information. Communication between patients/clients and healthcare providers. Cultural and health literacy. Communication and health inequities. Communication with Vulnerable and marginalised populations. Crisis Communication. Communication	

and community interventions. Communication and behaviour change. Education and media campaigns in health. Communication with the public. Modern social media and eHealth/mHealth communication. Communication with policy makers and advocacy. Communication with the media.

Updated curricula are posted on the Institute of Social and Behavioral
<https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicine/education/subjects/mgr/>

Recommended literature:

Basic study literature:

1. DETELS R, GULLIFORD M, ABDOOL KARIM Q, TAN CC. 2015 (eds.) Oxford Textbook of Global Public Health. Oxford University Press; 6th edition. ISBN-13: 978-0198810131.
2. PARVANTA C, BASS S. 2018. Health Communication: Strategies and Skills for a New Era. Jones & Bartlett Learning. ISBN 9781284175028.
3. SUCHANOVÁ R, DIMUNOVÁ L. 2020. Komunikácia v zdravotníckej praxi. UPJŠ v Košiciach. ISBN 978-80-8152-958-0.
4. WHO. WHO's Information Network for Epidemics (EPI-WIN). 2022. Dostupné na: <https://www.who.int/teams/risk-communication/about-epi-win> [cit. 2021-03-08].

Course language:

slovak

Notes:**Course assessment**

Total number of assessed students: 14

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	21.43	50.0	14.29	7.14	7.14	0.0

Provides: Mgr. Iveta Rajničová Nagyová, PhD., FABMR, MUDr. Zuzana Katreniaková, PhD., RNDr. Jaroslava Oravcová, PhD., Mgr. Július Evelley, Mgr. Matej Hrabovský, Mgr. Laura Kunderátová, Mgr. Marta Nemčíková, 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/ 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: 51					
A	B	C	D	E	FX
49.02	33.33	7.84	3.92	5.88	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: USBM/ DZ-VZM/22	Course name: Determinants of Health II.
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: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. 60% participation in lectures (minimum 4 lectures) and 100% participation in practicals. 2. Successful presentation of the selected topic (minimum 30 points). 3. Successful completion of the final test (minimum 21 points). Last update: https://www.upjs.sk/app/uploads/sites/9/2022/11/USBM_UP_Pr-Cv_VZmgr-1_DZ-II_2022-2023-final.pdf . Conditions for passing the course: Successful completion of the final exam. Final assessment (exam): presentation of the selected topic and final test.	
Learning outcomes: To provide students with up-to-date evidence-based knowledge about selected health determinants - biological, behavioral, socio-economic, environmental and political, with the aim of gaining a deeper understanding of their positive and negative effects on health and disease. After completing the course, students will be better oriented in the relationships between individual determinants of health and health at the level of the individual, population groups and the population. Through case studies, they will become familiar with the most common causes of health inequalities and with strategies aimed at reducing them.	
Brief outline of the course: Health and disease (models and approaches); Determinants of health - biological (genetic factors), behavioral (nutrition, physical activity, psychoactive substances, stress), socio-economic (education, employment, social support, cultural habits), environmental (climate changes, work environment), political determinants and health care; Inequalities in health; Case studies by selected determinants of health. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/	
Recommended literature: Základná študijná literatúra: ŠULCOVÁ, M., ČIŽNÁR, I., FABIANOVÁ, E. a kol. Verejné zdravotníctvo. VEDA, Bratislava. 2012. 654 s. ISBN: 978-80-224-1283-4. ROVNÝ, I., OLEÁR, V., KLEMENT, C., BIELIK, I. Vybrané kapitoly verejného zdravotníctva I: terminológia - koncepcie odborov - legislatíva - zdravotný stav - determinanty zdravia - manažment. 1. vyd. Banská Bystrica: Vydavateľstvo	

PRO, 2011. 591 s. ISBN 978-80-89057- 33-7. MZ SR. Strategický rámec starostlivosti o zdravie pre roky 2014 - 2030. Dostupné online: <http://www.health.gov.sk/Zdroje?/Sources/Sekcie/IZP/strategicky-ramec-starostlivosti-o-zdravie2014-2030.pdf> MPSVaR SR. Správa o sociálnej situácii obyvateľstva Slovenskej republiky za predchádzajúci kalendárny rok. Dostupné online: <https://www.employment.gov.sk/sk/ministerstvo/vyskum-oblasti-prace-socialnych-veci-institut-socialnej-politiky/spravy-soc-situacii.html> Ďalšia študijná literatúra: HLAVATÝ, T. a kol. Správa o stave zdravotníctva na Slovensku. MZ SR, Bratislava 2011, 240 s. ISBN 978-80-969507-9-9. WHO - Komisia pre sociálne determinanty zdravia. Preklopenie rozdielov v zdraví za jedno generačné obdobie (slovenský preklad). WHO Press, Switzerland, 2008. ISBN 978-80-970067-3-0 KERNOVÁ, V. Podpora zdravia a intervenčné aktivity v primárnej prevencii. Státní zdravotní ústav. Praha 2006.

Course language:

Slovak

Notes:

Estimated student time burden: 78 hours of which
full-time study (L, Pr) 42 hours,
presentation preparation 12 hours,
and self-study 24 hours

Course assessment

Total number of assessed students: 107

A	B	C	D	E	FX
42.99	40.19	12.15	3.74	0.93	0.0

Provides: MUDr. Jana Kollárová, RNDr. Eva Schnitzerová, 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: UPZMV/EMZ- VZM/14	Course name: Economics and management in healthcare
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: 4	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: active participation, completed assignments, final exam	
Learning outcomes: By completing the subject, students will acquire basic knowledge in the field of economics in the health care. Get acquainted with the principles of economics in the health sector, as well as the principles of providing health care in the context of a market economy. Students will also become familiar with legal and ethical aspects, organisation and financing of health care. At the same time, students will acquire basic knowledge in the field of management in health care and become familiar with basic management tools and techniques. Last but not least, students will acquire basic knowledge of business management.	
Brief outline of the course: Introduction to economics in healthcare. Providing health care in the context of a market economy. Health policy. Legal and ethical aspects of health care provision. Organization, management and financing of health care. Basic health care systems. Health care system in SR. Introduction to management in healthcare. Quantitative methods and techniques in healthcare. Introduction to business management.	
Recommended literature: OZOROVSKÝ, VOJTEKOVÁ a kol.: Zdravotnícky manažment a financovanie. Bratislava: Wolters Kluwer 2016. 342 s. ISBN 978-80-8168-522-4 WALSHE, K – SMITH, J.: Healthcare Management. Second edition. Glasgow : Open University press 2011. 592 s. ISBN-10 0335243819 MORRIS, S. et al.: Economic Analysis in Health Care. Second edition. Great Britain : John Wiley & Sons, 2012. ISBN-10 1119951496 MAJDÚCHOVÁ, H. a kol.: Podnikové hospodárstvo. Bratislava: Wolters Kluwer 2020. 424. ISBN 978-80-571-0271-7	
Course language: Slovak	
Notes:	

hybrid block teaching					
Course assessment					
Total number of assessed students: 58					
A	B	C	D	E	FX
55.17	20.69	12.07	8.62	3.45	0.0
Provides: Ing. Lucia Bosáková, PhD., univerzitný docent, Mgr. Jana Plavnická, PhD.					
Date of last modification: 17.03.2023					
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: 125						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.4	6.4	16.0	16.8	6.4	4.0	0.0
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: 115					
A	B	C	D	E	FX
44.35	34.78	12.17	8.7	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: 113					
A	B	C	D	E	FX
38.94	46.9	11.5	2.65	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: UPZMV/ZMS- VZM/15	Course name: Fundamentals of Methodology and Statistics
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: 3	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: It is awarded on the basis of developing a project and passing a test.	
Learning outcomes: Get to know basic research methods, learn to apply them when solving research tasks in the field of public health. To acquire basic theoretical knowledge in the field of statistical data processing.	
Brief outline of the course: Research process Measuring impact Study design Validity of the study Questionnaire studies Ethics in research - preparation and implementation of a research project A random variable Hypothesis testing Basics of working with the statistical program IBM SPSS Logistic regression Mutual influences Presentation of scientific results to the professional public Presentation of scientific results to the lay public	
Recommended literature: Aschengrau A., Seage GR: Essentials of epidemiology in public health. Jones and Bartleet Publishers 2008 Clauss G, Ebner H. Základy štatistiky. SPN Bratislava 1988 Ferjenčík J.: Úvod do metodologie psychologického výzkumu. Portál, 2000 Zvarova J.: Základy statistiky pro biomedicínske odbory. Karolinum Praha 1998.	
Course language: Slovak, English	
Notes:	

hybrid block teaching						
Course assessment						
Total number of assessed students: 5						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	40.0	40.0	0.0	20.0	0.0	0.0
Provides: Mgr. Daniela Husárová, PhD., Mgr. Peter Kolarčík, PhD., Mgr. Jaroslava Kopčáková, PhD.						
Date of last modification: 03.03.2023						
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: UO/ZP-VZM/17	Course name: Health Law
Course type, scope and the method: Course type: Lecture / Practice / Controlled study hour Recommended course-load (hours): Per week: 1 / 2 / 0 Per study period: 14 / 28 / 0 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Successful completion of continuous study checks and final exam. Detailed conditions for completing the course are annually updated on the electronic bulletin board AiS2 and on the website of the Institute of Nursing. Link na Podmienky absolvovania predmetu na stránke Ústavu ošetrovateľstva https://www.upjs.sk/public/media/8670/SJ_Zdravotnicke%20pravo_absolvovanie.pdf	
Learning outcomes: Get a basic overview of health law. The student will be able to apply legal procedures and options for solving legal problems in medical practice.	
Brief outline of the course: Organisation of the health care system in Slovakia. Office of Public Health of the Slovak Republic. Basic legislative norms. Basic legal framework of health care provision and functioning of the health care system in Slovakia. Legal regulation of health care provision in the Slovak Republic. Evaluation of the quality of health care in Slovakia. Healthcare facilities. Control of compliance with legislative arrangements for health protection. Act on Occupational Health and Safety and on Amendments to Certain Acts. Working conditions, work and rest regimes, principles of occupational health protection, hazardous work, categorisation of work. Act on health care, services related to health care provision. Act on the scope of health care reimbursed under public health insurance. Act on health care providers, health care workers, professional organizations.	
Recommended literature: Basic literature: MACH J. Zdravotníci, právo a prax. Galén, 2018. ŠEVCOVÁ K. Kapitoly z medicínskeho práva. Belianum, 2017. ÚSTAVA SR www.prezident.sk Further study literature: BARANCOVÁ H. a kol. Medicínske právo. Veda, 2008. SOVOVÁ O. Zdravotnícka praxe a pravo. Leges, 2011. Prehľad právnych predpisov vo verejnom zdravotníctve. www.uvzs.sk Zákon č. 355/2007 Z.z. www.slov-lex.sk/pravne-predpisy	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 58					
A	B	C	D	E	FX
87.93	10.34	1.72	0.0	0.0	0.0
Provides: PhDr. Gabriela Štefková, PhD.					
Date of last modification: 10.03.2023					
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: USBM/ PZIP-VZM/22	Course name: Health Promotion and Intervention Programs
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: 4	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. 100% participation in lectures and 100% participation in practicals. 2. Successful presentation of the selected topic (minimum 30 points). 3. Successful completion of the final test (minimum 21 points). Last update: https://www.upjs.sk/app/uploads/sites/9/2022/11/USBM_UP_Pr-Cv_VZmgr-1_PZaIP_2022-2023-final.pdf . Conditions for passing the course: Successful completion of the final exam. Final assessment (examination): presentation of the selected topic and final test.	
Learning outcomes: To acquaint students with the history and current status of health promotion in health systems at the international and national level in order to gain a deeper understanding of the importance of health promotion as one of the essential functions of public health. After completing the course, students will better orient themselves in the basic principles applied in health promotion and in selected intervention programs implemented at the national and international level.	
Brief outline of the course: European Action Plan for Strengthening Capacities and Services in the Field of Public Health, National Health Promotion Program; Principles of health promotion – health in all policies, creating an environment favorable to health, strengthening community action, developing the abilities and skills of individuals, changing the focus of health services; Implemented intervention programs aimed at: supporting proper nutrition, physical activity, oral health, quitting smoking, alcohol and other addictive substances, health of marginalized communities. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/	
Recommended literature: Základná študijná literatúra: HEGYI, L., OCHABA, R. Výchova k zdraviu a podpora zdravia. Vydavateľstvo Herba, 2013, 96 s. EAN 9788089631148. ROVNÝ, I., OLEÁR, V., KLEMENT, C., BIELIK, I. Vybrané kapitoly verejného zdravotníctva I: terminológia - koncepcie odborov - legislatíva - zdravotný stav - determinanty	

<p>zdravia - manažment. 1. vyd. Banská Bystrica: Vydavateľstvo PRO, 2011. 591 s. ISBN 978-80-89057-33-7.</p> <p>FERTMAN, C.I., ALLENSWORTH, D.A. (eds.). Health promotion programs: from theory to practice. Jossey-Bass, 2010. ISBN 978-0-470-24155-4 (pbk.). Dostupné online: https://iums.ac.ir/files/hshe-soh/files/health_promotion_programs(1).pdf.</p> <p>Ďalšia študijná literatúra:</p> <p>ŠULCOVÁ, M., ČIŽNÁR, I., FABIANOVÁ, E. a kol. Verejné zdravotníctvo. VEDA, Bratislava. 2012. 654 s. ISBN: 978-80-224-1283-4.</p> <p>KERNOVÁ, V. Podpora zdravia a intervenčné aktivity v primárnej prevencii. Státní zdravotní ústav. Praha 2006.</p> <p>National Cancer Institute. Theory at a glance - A Guide For Health Promotion Practice (Second Edition). U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES, 2005. Dostupné online: https://cancercontrol.cancer.gov/sites/default/files/2020-06/theory.pdf</p>																	
<p>Course language: Slovak</p>																	
<p>Notes: Estimated student time burden: 64 hours of which full-time study (L, Pr) 28 hours, presentation preparation 12 hours, self-study 24 hours</p>																	
<p>Course assessment Total number of assessed students: 107</p> <table border="1"> <thead> <tr> <th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> </thead> <tbody> <tr> <td>34.58</td><td>28.97</td><td>28.04</td><td>7.48</td><td>0.93</td><td>0.0</td></tr> </tbody> </table>						A	B	C	D	E	FX	34.58	28.97	28.04	7.48	0.93	0.0
A	B	C	D	E	FX												
34.58	28.97	28.04	7.48	0.93	0.0												
<p>Provides: MUDr. Zuzana Katreniaková, PhD., MUDr. Jana Kollárová, RNDr. Eva Schnitzerová, PhD.</p>																	
<p>Date of last modification: 20.03.2023</p>																	
<p>Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.</p>																	

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: 125

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
46.4	1.6	11.2	17.6	12.0	11.2	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: 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: <ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> 1. Majerník J.: Úvod do medicíny založenej na dôkazoch pre študentov lekárskeho fakult, 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: 62					
A	B	C	D	E	FX
25.81	50.0	20.97	3.23	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: USBM/ ZSPMS-VZM/09	Course name: Health and Social Problems of Minority Populations
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: Successful completion of interim study checks, development and presentation of an intervention project in a selected minority population. Successful completion of an oral examination. Detailed course prerequisites are updated annually on the AiS2 electronic course bulletin board and on the Institute of Social and Behavioral Medicine website. Link to the course prerequisites on the Institute of Social and Behavioral Medicine website at https://www.upjs.sk/public/media/11604/Ucebny_plan_Pr_Cv%20ZaSPMS_2VZ_Mgr_2020%2021.pdf	
Learning outcomes: Upon completion of the course, students will be familiar with recent trends in the health status of selected minority populations, the major social causes and social consequences of disease in selected minority populations. They will become familiar with state health policy and legislation related to the provision of health and social care to selected minority populations. They will be able to provide basic information on health care and social assistance options for selected minority populations in practice. Students will be able to design public health interventions for minority populations.	
Brief outline of the course: Minority groups - general characteristics. Selected minority population groups - unemployed, homeless, Roma, elderly, immigrants ... Demographic indicators, health status indicators and determinants of health of selected minority population groups. Barriers in the lives of selected minority groups, universal design/design. Specifics of health care provided to selected minority populations. Social assistance options for selected minority populations. Challenges for the public health system in the comprehensive rehabilitation of vulnerable population groups.	
Recommended literature: Basic study literature: ONDRUŠ, P.: World health systems in the time of globalization. PRO publishing house, Banská Bystrica. 2014. Methodological interpretation for effective application of the principles of desegregation, degetoization and destigmatization. Available at: https://www.minv.sk/swift_data/source/romovia/ MORICOVÁ, Š., BARTOŠOVIČ, I., HEGYI, L.: Disadvantaged groups in public health care.	

University textbook. Veda, Bratislava: 2013.

ROLLOVÁ, L., ČEREŠŇOVÁ, Z.: Universal design of community social services objects. Bratislava: IA MPSVaR. 2015.

Other study literature:

Strategy for Roma Integration up to 2020. Available at: <https://www.minv.sk/?strategia-pre-integraciuiromov-do-roku-2020>.

Atlas of Roma Communities. Available at: <http://www.employment.gov.sk/sk/rodina-socialna-pomoc/socialnesluzby/socialne-vylucene-spolocenstva/dokumenty.html>

ŠIŇANSKÁ, K., ŠLOSÁR, D.: Community and community work. 2020, UPJŠ v Košice, Faculty of Arts.

www.unibook.upjs.sk. (e-publication).

TÓTHOVÁ, L., ŠLOSÁR, D.: Group and group work in the helping professions. 2019, UPJŠ v Košice, Faculty of Arts. www.unibook.upjs.sk. (e-publication).

Decree No. 532/2002 Coll. of the Ministry of the Environment of the Slovak Republic, laying down details on general technical requirements for construction and on general technical requirements for buildings used by persons with reduced mobility and orientation

Act No. 447/2008 Coll. of the National Council of the Slovak Republic on monetary contributions for compensation of severe disability and on amendment and supplementation of certain acts.

Act No 448/2008 Coll. No. 455/1991 Coll. on Trade Enterprise (Trade Licensing Act), as amended

Act No. 330/2008 Coll. Act No. 305/2005 Coll. on Employment Services and on Amendments and Additions to Certain Acts Act No. 305/2005 Coll. on Employment Services and on Amendments and Additions to Certain Acts NR SR on social-legal protection of children and on social guardianship and on amendment and supplementation of certain acts.

Act No. 36/2005 Coll. on the Family

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 113

A	B	C	D	E	FX
89.38	8.85	1.77	0.0	0.0	0.0

Provides: prof. PhDr. Anna Bérešová, PhD., Mgr. Marta Nemčíková, PhD.

Date of last modification: 14.03.2023

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: USBM/ MLZ-VZM/22	Course name: Human Resource Management
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: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. 100% participation in practicals and 80% participation in lectures. 2. Successful presentation of the selected topic (minimum 20 points). 3. Successful completion of the final test (minimum 31 points). Last update: https://www.upjs.sk/app/uploads/sites/9/2022/11/USBM_UP_Pr-Cv_VZmgr-1_MLZ_2022-2023-final.pdf . Conditions for passing the course: Successful completion of the final exam. Final assessment (examination): presentation of the selected topic and final test.	
Learning outcomes: To provide students with basic information about selected areas of human resource management in order to gain a deeper understanding of the specifics of human resource management within the framework of organizational management. After completing the course, students will have an overview of the main activities and skills necessary for human resource management and will be able to apply them for management within healthcare organizations.	
Brief outline of the course: Analysis, design and redesign of jobs; Human resource planning; Ensuring the need for human resources; Leadership, motivation and basics of teamwork; Evaluation and remuneration of employees; Individual development and care; Mobility; New trends in human resources management. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/	
Recommended literature: Základná študijná literatúra: KRAVČÁKOVÁ, G. Manažment ľudských zdrojov. UPJŠ v Košiciach, 2014. ISBN 978-80- 8152-219-2. Dostupné online: https://www.upjs.sk/public/media/5596/ Kravcakova_Manazment_ludskych_zdrojov.pdf COVEY, S.R. 7 návykov pre úspešný a harmonický život. MKV – PRESS, spol. s r. o., Košice, 1994. ISBN 80-857419-05-9. Ďalšia študijná literatúra: ĎURIŠ, T. Riadenie ľudských zdrojov v zdravotníctve. TU FzaSP, Trnava 2000.	

Course language: Slovak					
Notes: Estimated student time burden: 76 hours of which full-time study (L, Pr) 52 hours, presentation preparation 12 hours, self-study 12 hours					
Course assessment Total number of assessed students: 125					
A	B	C	D	E	FX
42.4	32.0	20.0	4.0	1.6	0.0
Provides: MUDr. Zuzana Katreniaková, PhD., Mgr. Marta Nemčíková, 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: ULM/ Im-VZM/22		Course name: Immunology			
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: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion: test credit					
Learning outcomes: Gaining knowledge about the morphological and functional foundations of the immune system. Obtaining information about the role of the immune system in physiological and pathological processes.					
Brief outline of the course: Organs of the immune system Innate immunity (complement, phagocytosis) Specific immunity (B lymphocytes, antibodies, T lymphocytes) Immunopathological reactions Non-specific immunity Production of antibodies and their classes					
Recommended literature: Hořejší: Základy imunologie, Triton, 2005					
Course language:					
Notes:					
Course assessment Total number of assessed students: 66					
A	B	C	D	E	FX
18.18	15.15	30.3	22.73	13.64	0.0
Provides: RNDr. Marián Sabol, CSc.					
Date of last modification: 31.03.2023					
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: 12					
A	B	C	D	E	FX
66.67	16.67	8.33	8.33	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.					
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: 51

A	B	C	D	E	FX
82.35	15.69	1.96	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: USBM/ MTP-VZM/18	Course name: Management and Teamwork
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: 4.	
Course level: II.	
Prerequisites: USBM/MLZ-VZM/22	
Conditions for course completion: 1. At least 80% participation in practicals and 50% in lectures. 2. Processing of continuously assigned tasks. Last update: https://www.upjs.sk/app/uploads/sites/9/2023/02/USBM_UP_Pr-Cv_VZmgr-2_MTP_2023-02-03.pdf . Conditions for completing the course: Obtaining credits. Final evaluation (examination): evaluation of completed assignments.	
Learning outcomes: To provide students with basic information about selected areas of teamwork in order to gain a deeper understanding of the specifics of teamwork within the framework of organizational and human resource management. After completing the course, students will have an overview of the basic principles of teamwork, selected techniques of team cooperation and team communication, and will be able to apply them for management within the public health sector.	
Brief outline of the course: Team building; Basic principles of teamwork and team communication; Techniques of team cooperation and team communication; Team coaching and mentoring; Teamwork as part of project management; Teamwork as part of change management and quality management; Mobility; New trends in teamwork; Exercises of selected skills necessary for teamwork. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/	
Recommended literature: Základná študijná literatúra: FURMAN, B. Nikdy není pozdě na spokojený tým: model dvolité hvězdy. Vyd. 1. Praha : Portál, 2017. ISBN 978-80-262-1256-0, 136 s. KRAVČÁKOVÁ, G. Manažment ľudských zdrojov. UPJŠ v Košiciach, 2014. ISBN 978-80- 8152-219-2. Dostupné online: https://www.upjs.sk/public/media/5596/Kravcakova_Manazment_ludskych_zdrojov.pdf MOHAUPTOVÁ E. Teambuilding – cesta k efektivní spolupráci. Vyd. 2. Praha : Portál, 2009. ISBN 978-80-7367-641-4, 176 s.	

Ďalšia študijná literatúra: ONDRUŠ, P., ONDRUŠOVÁ, I. a kol. Manažment a financovanie v zdravotníctve. PRO Banská Bystrica 2017. ISBN 978-80-972535-9-2, 328 s. ĎURIŠ, T. Riadenie Ľudských zdrojov v zdravotníctve. TU FzaSP, Trnava 2000.

Course language:

Slovak

Notes:

Estimated student time burden: 72 hours of which
full-time study (L, Pr) 56 hours,
task preparation 8 hours,
self-study 8 hours

Course assessment

Total number of assessed students: 7

A	B	C	D	E	FX
57.14	14.29	28.57	0.0	0.0	0.0

Provides: MUDr. Zuzana Katreniaková, PhD., Mgr. Marta Nemčíková, 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: 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: 107

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.34	36.45	5.61	3.74	0.93	0.93	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, MUDr. Štefan Porubčin, 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: 97

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
88.66	11.34	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: 62					
A	B	C	D	E	FX
32.26	33.87	19.35	4.84	9.68	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: 67						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
20.9	79.1	0.0	0.0	0.0	0.0	0.0
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: USBM/ VP-VZM2/22	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: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. 100% participation in practicals. 2. Successfully processed written part of the semester work (minimum 31 points). 3. Successful completion of the presentation of the semester work (minimum 20 points). Last update: https://www.upjs.sk/app/uploads/sites/9/2023/02/USBM_UP_Pr-Cv_VZmgr-2_VP2_2023-02-03.pdf . Conditions for passing the course: Successful processing and presentation of the semester work. Final assessment (examination): semester paper.	
Learning outcomes: To provide students with basic information about the process of preparing a research project in the field of public health and enable them to acquire selected skills related to this process. After completing the course, students will have an overview of international and national grant agencies supporting research in the field of public health, and through the processing of their own proposal for a research project for a specific grant agency, they will try the whole process (learning by doing approach).	
Brief outline of the course: Overview of grant agencies and schemes in Slovakia and the EU; Preparation of the project aim and objectives; Originality of the project; Research Consortium; Project methodology and timetable; Project budget; Research protocol; Dissemination strategy; Presentation of research projects; Research report. The current timetable for the given semester is published on the website of the Institute of Social and Behavioral Medicine: https://www.upjs.sk/lekarska-fakulta/ustav/socialna-a-behavioralna-medicina/vyucba/predmety/mgr/	
Recommended literature: 1. ČIŽNÁR I. (ed.). Základy vedeckovýskumnej práce. Učebný text pre I. (Bc.) a II. (Mgr.) stupeň univerzitného vzdelávania. Bratislava 2012. 2. ŠKODOVÁ Z. Praktický úvod do metodológie výskumnej práce. Vysokoškolské skriptá. Univerzita Komenského v Bratislave, Jesseniova lekárska fakulta v Martine, Martin 2013. 3. DOBBERSTEINOVÁ J., HUDECOVÁ S. a STOŽICKÁ Z. Sprievodca svetom vedeckého publikovania. Učebný text pre kurz Publikačný poradca. Vydavateľstvo otvorenej vedy, Centrum vedecko-technických informácií SR, Bratislava 2019. ISBN 978-80-89965-17-5.	

Ďalšia študijná literatúra: 1. PUNCH F.K. Úspěšný návrh výzkumu. Portál, Praha 2008 REPKOVÁ K. a kol. Vedecká komunikácia a komunikácia vedy. Inštitút pre výskum práce a rodiny, Bratislava 2008.						
Course language: Slovak						
Notes: Estimated student workload: 54 hours of which full-time study (Pr) 42 hours, self-study 12 hours						
Course assessment Total number of assessed students: 58						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	44.83	29.31	22.41	3.45	0.0	0.0
Provides: Mgr. Iveta Rajničová Nagyová, PhD., FABMR, MUDr. Zuzana Katreniaková, PhD., Mgr. Marta Nemčíková, PhD., Mgr. Vladimíra Timková, 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/ 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: 113						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
84.07	15.93	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: UPZMV/SDZ- VZM/14	Course name: Sociálne determinanty zdravia
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: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: active participation oral/written exam	
Learning outcomes:	
Brief outline of the course: 1. Health inequities and their causes. Social Determinants of Health (WHO) Conceptual Framework. Components of the SDH conceptual framework, structural and intermediary determinants. 2. Public health interventions aimed at social determinants of health. Development and evaluation of interventions. 3. Equity from the beginning, factors affecting healthy development in early childhood. 4. Mental health and its MH care in the first decades of life. 5. Social exclusion and poverty 6. Accessibility and quality of health care 7. Planning interventions to change behavior The current timetable for the given semester is published in the digital repository of supporting materials for the subject (MS Teams)	
Recommended literature: 1. SVETOVÁ ZDRAVOTNÍCKA ORGANIZÁCIA: Preklopenie rozdielov v zdraví za jedno generáčne obdobie. TISING, spol. s r.o, 2008. Dostupné na: http://apps.who.int/iris/bitstream/handle/10665/69832/WHO_IER_CSDH_08.1_slo.pdf?sequence=8 Strana: 2 2. SOLAR O, IRWIN A.: A conceptual framework for action on the social determinants of health. Social Determinants of Health Discussion Paper 2 (Policy and Practice). Geneva: World Health Organization. 2010. Available: http://www.who.int/sdhconference/resources/ConceptualframeworkforactiononSDH_eng.pdf , (accessed 25 February 2016). 3. WHO: Innov8 approach for reviewing national health programmes to leave no one behind: technical handbook. WHO Press. 2016 4. LEVESQUE, J. F., HARRIS, M. F., & RUSSELL, G. Patient-centred access to health care:	

conceptualising access at the interface of health systems and populations. International journal for equity in health, 2013, 12(1), 1-9. 5. Petit, V. (2019). The Behavioural Drivers Model. UNICEF. URL: https://www.unicef.org/mena/media/5586/file/The_Behavioural_Drivers_Model_0.pdf , 20. Study material, including summaries of foreign literature in the Slovak language, is published in the digital repository of supporting materials for the subject (MS Teams)						
Course language: Slovak						
Notes: Teaching in the subject can be carried out in a hybrid form.						
Course assessment Total number of assessed students: 68						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
16.18	47.06	23.53	13.24	0.0	0.0	0.0
Provides: Mgr. Daniela Fiľakovská, PhD., doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Shoshana Chovan, Mgr. Bc. Stanislava Van Laer						
Date of last modification: 03.03.2023						
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: 51						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.37	56.86	9.8	1.96	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: 156						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
87.82	12.18	0.0	0.0	0.0	0.0	0.0
Provides:						
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: UPZ/ TKKP-VZM/19		Course name: Training of Competencies for Clinical Practice				
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: 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: 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: Mgr. Laura Bittó Urbanová, PhD., MUDr. Jaroslav Rosenberger, PhD., PhDr. Ivana Mészáros Skoumalová, PhD., doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Daniela Filáková, PhD., Mgr. Daniela Husárová, PhD., Mgr. Peter Kolarčík, PhD., Mgr. Jaroslava Kopčáková, PhD., prof. Mgr. Andrea Madarasová Gecková, PhD.						
Date of last modification: 20.03.2023						
Approved: Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD.						