

CONTENT

1. Anaesthesiology.....	2
2. Clinical Biochemistry.....	4
3. Dermatovenerology.....	6
4. Forensic Medicine and Medical Law.....	8
5. Foundation of Mindfulness.....	10
6. Hygiene and Epidemiology.....	12
7. Infectology.....	14
8. Internal Medicine.....	15
9. Internal Medicine 1.....	17
10. Internal Medicine 2.....	19
11. Internal Medicine 3.....	21
12. Internal Medicine 4.....	23
13. Internal Medicine 5.....	25
14. Medical English.....	27
15. Medical Terminology.....	29
16. Microbiology 2.....	32
17. Neurology.....	33
18. Ophthalmology.....	35
19. Otorhinolaryngology.....	36
20. Paediatrics.....	38
21. Pathological Anatomy 1.....	40
22. Pathological Anatomy 2.....	42
23. Pathological Physiology 1.....	44
24. Pathological Physiology 2.....	46
25. Pharmacology 1.....	48
26. Pharmacology 2.....	49
27. Physiotherapy.....	51
28. Practical English Grammar for Medical Students.....	53
29. Presentations in English.....	55
30. Preventive Medicine.....	57
31. Psychiatry.....	59
32. Radiology.....	61
33. Seminar of Diploma Thesis 1.....	63
34. Seminar of Diploma Thesis 2.....	65
35. Slovak Language 1.....	67
36. Slovak Language 2.....	69
37. Slovak Language 3.....	71
38. Slovak Language 4.....	73
39. Slovak Language Communication Skills for Dental Practice 2.....	75
40. Sport 1.....	77
41. Sport 2.....	79
42. Student Science Work - Presentation at SSC.....	81
43. Surgery.....	82
44. Surgery 1.....	83
45. Surgery 2.....	85
46. Surgery 3.....	87
47. Surgery 4.....	89
48. Surgery 5.....	91

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: 1. KAIM/A-DM/15		Course name: Anaesthesiology			
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: 9.					
Course level: I.II.					
Prerequisites: IK/IM-DM4/15 and ChK/S-DM4/15					
Conditions for course completion: 1. 100% participation on the practical exercises 2. Test - minimum percentage of 60%. 3. Oral exam					
Learning outcomes: The student acquires knowledge of the management of the field of anesthesiology and intensive care medicine, enteral and parenteral nutrition, monitoring in anesthesiology and intensive care medicine. Get familiar with anesthesiological techniques and aids for general and regional anesthesia and preoperative care.					
Brief outline of the course: Introduction to anesthesiology, intensive care medicine. Pharmacotherapy in anesthesiology and intensive care medicine. Disorders of the internal environment. Enteral and parenteral artificial nutrition. Monitoring in anesthesiology and intensive care medicine. Basic algorithms in anesthesiology and intensive care medicine. Anesthesiological techniques and aids in general and regional anesthesia. Teamwork. Cardio-pulmonary resuscitation, its indications and training in the correct CPR technique.					
Recommended literature: 1. Anaesthesia at a Glance by Julian Stone, William Fawcett 2013, Wiley-Blackwell, 2. Critical Care Medicine at a Glance, 3rd Edition Autor: Richard Leach 2013, Wiley-Blackwell, 3. Frankovičová M.: Surgery for medical students, UPJŠ LF Košice, 2014					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 325					
A	B	C	D	E	FX
28.31	31.69	19.38	12.62	6.77	1.23

Provides: doc. MUDr. Jozef Firment, PhD., MUDr. Vladimír Hudák, PhD., MUDr. Adam Fabian, MUDr. Roman Kysel', MUDr. Lukáš Čuchrač, PhD., MUDr. Tomáš Plačintár, MUDr. Ester Tomajková

Date of last modification: 23.03.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ULCHBKB/CB-DM/15	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: 8.	
Course level: I.II.	
Prerequisites: UPF/PP-DM2/15	
Conditions for course completion: seminars, lectures; more details: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Learning outcomes: The graduate should understand the relationships between metabolic changes and laboratory test results and be able to interpret selected the laboratory tests result of patients important not only for the health oral cavity but the organism as a whole. The course is organized in form of lectures and seminars (e.g. solution of selected case reports) and it offers information on biochemical laboratory methods important for screening, diagnostics and therapy monitoring of selected diseases. It is a highly applied biochemistry, which is performed by lecturers with experience in clinical biochemistry.	
Brief outline of the course: Introduction to clinical biochemistry. Water and mineral homeostasis (e.g. regulation of osmolality). Acid-base balance disorders. Renal function. Liver function. Biochemistry background of diabetes mellitus. Cardiac markers. Calcium-phosphate and magnesium balance. Biochemical tests in endocrinology. Laboratory markers of malignant diseases. Disorders of iron metabolism. Biochemistry of extreme age. More details.: https://www.upjs.sk/lekarska-fakulta/en/department/medical-and-clinical-biochemistry/education/subjects/dental-medicine/	
Recommended literature: Ďurovcová E. et al.: Lectures, 2020; https://portal.lf.upjs.sk/articles.php?aid=145 Ďurovcová E. a Mareková M.: Clinical Biochemistry - selected chapters; 2021 https://portal.lf.upjs.sk/articles.php?aid=114 Ďurovcová E. a Mareková M.: Clinical Biochemistry, 2013 Nessar A.: Clinical Biochemistry, 2nd edition, Oxford University Pres, 2016 Gaw A. et al.: Clinical Biochemistry, Elsevier, 2013	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 34					
A	B	C	D	E	FX
5.88	23.53	32.35	14.71	23.53	0.0
Provides: MUDr. Eva Ďurovcová, PhD., prof. Ing. Mária Mareková, CSc.					
Date of last modification: 17.02.2023					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KD/D-DM/22	Course name: Dermatovenerology
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: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: IK/IM-DM2/15	
Conditions for course completion: To participate at all of practical exercises. In the case of excused absence practice, student may substitute up to 3 exercise. To get at least 60 % of total score for ongoing review of the theoretical training to practical exercises. Compulsory attendance in at least 4 lectures requirements	
Learning outcomes: To familiarize the student with the field of dermatology through an overview of types of disorders, differential diagnosis of skin diseases, procedures, and treatment methods common in dermatology. Students have to be certain of history taking and should develop a basic dermatologic vocabulary that enables them to appropriately describe skin lesions. The students should be familiar with the epidemiology of sexually transmitted diseases, their clinical manifestations, modes of transmission, diagnostic methods and their appropriate treatment.	
Brief outline of the course: General dermatology, Dermatological terminology and morphology. Skin infections (viral, bacterial, mycotic, parasitic). Erythematosquamous diseases. Psoriasis. Lichen planus. Endogenous and exogenous eczemas. Atopic dermatitis. Drug eruptions, urticaria, allergic reactions. Facial dermatoses. Bullous dermatoses. Autoimmune connective tissue diseases. Hair and nail disorders. Chronic venous insufficiency. Differential diagnosis of leg ulcers. Pediatric dermatovenerology. Skin tumours. Malignant melanoma. Syphilis. STD's.	
Recommended literature: Braun-Falco, Plewig, Wolff, Winkelmann: Dermatology. Springer-Verlag, Berlin,Heidelberg, 3rd, 2000 David J., Gawkrödger: Dermatology AN ILLUSTRATED COLOUR TEXT. © Elsevier Limited 2003 Švecová, D.: Dermatology for Dentistry. 2nd rev. ed. Bratislava: Comenius University, 2019. 274 p. ISBN 978-80-223-4675-7., 2019 Baloghová, J.: General Dermatovenerology: a Practical Guide for Medical Students. 1.vyd.- Košice: Vydavateľstvo Šafárik Press UPJŠ – 99p. 2019 James G. H. Dinulos, Habif's: Clinical Dermatology, 7th Edition. A Color Guide to Diagnosis and Therapy. Elsevier.2021	

Course language: anglický					
Notes:					
Course assessment Total number of assessed students: 368					
A	B	C	D	E	FX
29.35	16.03	19.84	15.49	16.3	2.99
Provides: doc. MUDr. Janette Baloghová, PhD., MUDr. Zuzana Baranová, PhD., MUDr. Gabriela Takáčová, PhD., MBA, MUDr. Zuzana Fedáková, MUDr. Zuzana Szilasiová, MUDr. Viktória Palovčíková					
Date of last modification: 11.05.2022					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: USL/ FML-DM/16	Course name: Forensic Medicine and Medical Law
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: 7.	
Course level: I.II.	
Prerequisites: UP/PA-DM2/19 and UA/A-DM2/15	
Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam. Detailed conditions for mandatory participation and forms of evaluation are available on the department's website. https://www.upjs.sk/en/faculty-of-medicine/department/forensic-medicine/teaching/courses/dr/	
Learning outcomes: The aim of the subject is to acquaint students with the role of Forensic Medicine, as one of the main branches of medicine. The students will learn how to identify and assess the effects of violence on the human body, determine the cause of death in cases of non-violent and violent death, as well as apply medical knowledge to questions of civil and criminal law. Emphasis is placed on the importance of forensic stomatology and on acquiring basic knowledge necessary to perform an examination of the dead body at the scene of death, as a knowledge required of every future doctor.	
Brief outline of the course: Introduction to the forensic medicine. Role of forensic medicine in Slovakia and worldwide. Concept of forensic medicine in Slovakia. Health Care Surveillance Authority. Examination of the dead body at the scene of death. Coroner system and medical examiner system. Medical examination of the dead in Slovakia. Types of autopsies. Autopsy procedure. Neonatal autopsy. Documentation required for the autopsy. Autopsy diagnosis. Autopsy report. Medicolegal death investigation. Postmortem changes. Supravital and vital reactions. Identification of the living and the dead. Forensic dentistry. Identity of decomposed or skeletalised remains. Identification in mass disasters. Exhumation. Natural (non-violent) death in adults. Natural (non-violent) death in children. Sudden infant death syndrome. Violent death in children. Child abuse and neglect. Pregnancy and childbirth. Sexual offenses. Violent death. Mechanical injuries. Examination of wounds. Blunt and sharp force injuries. Firearm and blast injuries. Forensic investigation of traffic accidents. Suffocation. Mechanical asphyxia. Drowning. Thermal injuries. Electrical injuries. Diving accidents (barotrauma, decompression sickness). High altitude illness. Ionizing radiation injury and illness. Medical errors. Iatrogenic damage. Expert activity in medical profession. Forensic expert activity. Forensic medical examination of the living persons. Forensic toxicology. General aspects of poisoning. Types of poisons. Forensic diagnosis of poisoning. Methods in forensic toxicology. Gaseous poisons. Agrochemical poisons. Corrosive poisons. Heavy metals.	

Mushroom poisoning. Forensic toxicology. Alcohols. Medicolegal aspects of ethanol intoxication. Methanol poisoning. Ethylene glycol poisoning. Drugs of abuse and dependence. Forensic histopathology. Immunohistochemistry.

Recommended literature:

SOPKOVÁ, D., and S. FARKAŠOVÁ IANNACCONE. Forensic Medicine: Textbook for Medical Students. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2024.

SOPKOVÁ, D. Atlas of forensic medicine: Autopsy findings in violent and non-violent deaths. UPJŠ: ŠafárikPress, 2025.

REDDY, K. S. N., and O. P. MURTY. The Essentials of Forensic Medicine and Toxicology. 33rd edition. New Delhi: Jaypee Brothers Medical Publishers Ltd., 2014.

DIMAIO, V. J., and D. DIMAIO. Forensic Pathology. 2nd edition. Boca Raton: CRC Press, 2001.

PAYNE-JAMES, J., JONES, R., KARCH, S. B. and MANLOVE, J. Simpson's Forensic Medicine. 13th edition, London: Hodder Arnold, 2011.

SENN, D. R., STIMSON, P. G. Forensic Dentistry. 2nd edition. Boca Raton: CRC Press, 2010.

BURTON, J., S. SAUNDERS, and S. HAMILTON. Atlas of Adult Autopsy Pathology. Boca Raton: CRC Press, 2015.

LONGAUER, F., N. BOBROV, and P. LÁBAJ. Practising in Forensic Medicine. Košice: UPJŠ, 2000.

SENN, D. R., STIMSON, P. G. Forensic Dentistry. 2nd edition. Boca Raton: CRC Press, 2010.

Course language:

English

Notes:

Course assessment

Total number of assessed students: 338

A	B	C	D	E	FX
76.04	9.76	9.17	3.25	1.18	0.59

Provides: doc. MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, MUDr. Dorota Sopková, PhD., MBA, MUDr. Viktória Briškárová, MUDr. Michaela Pristášová

Date of last modification: 20.01.2026

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/FMF/24	Course name: Foundation of Mindfulness
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: 4., 6., 8., 10.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: <ul style="list-style-type: none"> • Attendance and active participation: min. 80% of classes attended • Practice diary: 1–2 entries per week • Final reflection / essay (max. 1500 words): What did I get from the course? • Final exam: oral examination of knowledge on mindfulness theory and practice 	
Learning outcomes: <ul style="list-style-type: none"> • Introduce students to the principles of mindfulness and its scientific basis. • Teach basic mindfulness techniques (breath, body, emotions, thoughts). • Develop the ability to self-observe and regulate stress. • Demonstrate the application of mindfulness in clinical practice (with oneself, with patients, in a team). • Promote mental resilience and prevent burnout. 	
Brief outline of the course: <ol style="list-style-type: none"> 1. Introduction to mindfulness 2. Mindfulness and our body 3. Working with breath 4. Observing the thoughts 5. Emotions and self-compassion 6. Mindfulness in daily life 7. Mindfulness and communication 8. Stress and coping with pressure 9. Mindfulness in clinical practice 10. Burnout and its prevention 11. Practice of mindfulness and obstacles connected with it 12. Final integration 	
Recommended literature: <ul style="list-style-type: none"> • Kabat-Zinn, J.: Wherever You Go, There You Are • Segal, Williams, Teasdale: Mindfulness-based Cognitive Therapy • Goleman & Davidson: Altered Traits • Siegel, R.: The Mindfulness Solution 	

• Baer, R.: Mindfulness-Based Treatment Approaches						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 45						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	66.67	0.0	0.0	0.0	0.0	33.33
Provides:						
Date of last modification: 01.09.2025						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UVZH/ HE-DM/15	Course name: Hygiene and Epidemiology
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: 8.	
Course level: I.II.	
Prerequisites: ULM/M-DM2/15	
Conditions for course completion: Active participation in lectures and seminars. Exam - written test.	
Learning outcomes: The student will acquire basic knowledge about the occurrence and spread of infectious and non-infectious diseases in the population, about the fundamental factors influencing their emergence, about preventive and repressive measures against their spread, and about improving the health status of the population. He will also acquire basic knowledge about risk factors in the dentist's office, and the effects of healthy nutrition on the oral health of the population and the individual.	
Brief outline of the course: Introduction to hygiene and epidemiology, basic concepts with a focus on diseases in the orofacial area. Environmental hygiene. The hygienic-epidemiological regime in the dentist's office. Personal and hygienic security of dental clinics. Food hygiene. The importance of nutrition in dental practice. Manifestations of nutritional deficiencies in the oral cavity. Prevention of tooth decay. Rational nutrition, alternative ways of eating. Work hygiene. Categorization of works. Professional risks in the dental clinic. The influence of physical, chemical, biological, and psychosocial factors in the work of a dentist. Obligatory and optional occupational disease. Work-related disease. Preventive measures – technical, organizational. Hygiene of children and adolescents. Methods of assessing the growth and development of children, dental age, and factors affecting the growth and development of the child's organism with a focus on the development of teeth and oral health in individual periods of child growth. Preventive and interventional health promotion programs in dentistry. The issue of water in dental workplaces. Water fluoridation. Epidemiological classification of diseases. Methods of epidemiology. Sources of infection. Carrier of pathogenic microorganisms. Transmission mechanism, phases, forms. The outbreak of infection. Epidemiological process. Preventive and repressive anti-epidemic measures. Surveillance. Safety measures when working with biological material. Epidemiology of nosocomial infections. Decontamination. Sterilization. Disinfection. Epidemiology of oncological diseases of the oral cavity and oropharynx. Registers of oncological diseases.	
Recommended literature: RIMÁROVÁ, K.: Environmental medicine – hygiene. Košice, Univerzita Pavla Jozefa	

<p>Šafárika v Košiciach, 2006. - 148 s. - ISBN 80-7097-646-2. RIMÁROVÁ, K.: Compendium of Hygiene. Košice, Univerzita Pavla Jozefa Šafárika, 2014. - 210 s. - ISBN 9788081521676 (brož.). KOLARZYK, E.: Selected topics on hygiene and human ecology. Edited by http://www.e-nujag.cm-uj.krakow.pl/materialy/higiena/main.pdf. Paustenbach, D.J.: The Risk Assessment of Environmental and Human Health Hazards: Textbook of Case Studies, 1989, 220 s., ISBN. 978-0471849988. Bonita R et al.: Basic Epidemiology: A textbook for students. 2nd Edition. WHO 2009, available at: https://apps.who.int/iris/bitstream/handle/10665/43541/9241547073_eng.pdf?sequence=1 Celentano D. et al. Gordis Epidemiology. 6th Edition. Elsevier, 2019, 420 pp. The Challenge of Oral Disease – A call for global action. The Oral Health Atlas. 2nd ed. Geneva: FDI World Dental Federation; 2015.</p>						
Course language:						
English						
Notes:						
Course assessment						
Total number of assessed students: 268						
A	B	C	D	E	FX	
14.55	27.99	29.1	18.28	10.07	0.0	
Provides: prof. MUDr. Kvetoslava Rimárová, CSc., prof. MVDr. Monika Halánová, PhD., prof. MVDr. Tatiana Kimáková, PhD.						
Date of last modification: 22.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: KICM/ I-DM/17		Course name: Infectology			
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: 8.					
Course level: I.II.					
Prerequisites: IK/IM-DM2/15					
Conditions for course completion:					
Learning outcomes: Evaluation of acquired knowledge: The rating conditions remain unchanged, exam is oral. If necessary, students will be informed about the change in time.					
Brief outline of the course: The nature of infectious diseases, principles of diagnosis. Intestinal infections. Viral hepatitis. Respiratory infections. Neuroinfections. HIV / AIDS. Anti-infective therapy. Infections of the oral cavity. Differential diagnosis of fever of unknown origin, COVID-19, Prevention of infectious diseases.					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 335					
A	B	C	D	E	FX
44.48	23.88	14.93	9.55	5.67	1.49
Provides: doc. MUDr. Ivana Hockicková, PhD., Dr.h.c. prof. MUDr. Pavol Jarčuška, PhD., MUDr. Martin Novotný, PhD., doc. MUDr. Zuzana Paraličová, PhD., prof. MUDr. Ivan Schréter, CSc., prof. MUDr. Pavol Kristian, PhD., MUDr. Patrícia Denisa Lenártová, PhD., doc. MUDr. Štefan Porubčín, PhD., doc. MUDr. Ondrej Zahornacký, PhD.					
Date of last modification: 07.09.2021					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-SS-DM/15	Course name: Internal Medicine
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9., 10..	
Course level: I.II.	
Prerequisites: IK/IM-DM5/15	
Conditions for course completion: Obtaining a minimum number of credits for compulsory and compulsory elective subjects in the prescribed composition by the study plan	
Learning outcomes: By verifying the knowledge of the subject of internal medicine, the graduate acquires knowledge in accordance with the profile of a graduate of dentistry.	
Brief outline of the course: Changes in the oral cavity by internal diseases. Diseases of the esophagus, stomach and duodenum, small intestine, colon, liver, gall bladder and pancreas. Chronic obstructive pulmonary disease and bronchial asthma. Inflammatory lung diseases and lung cancer. Tuberculosis. Ischemic heart disease. Arterial hypertension. Heart failure. Inflammatory heart disease. Thrombembolic disease. Glomerulonephritis, tubulointerstitial nephritis, renal failure. Anemia, leukemia, myeloproliferative and lymphoproliferative disorders, thrombocytopenia and coagulopathy, thrombocytopeny. Rheumatoid arthritis, systemic lupus erythematosus and other connective tissue disease. Diseases of the hypothalamus and pituitary gland. Thyroid diseases, hypercalcemic syndrome. Diseases of the adrenal glands. Diabetes mellitus, acute and chronic complications. Emergency in internal medicine. Shock.	
Recommended literature: Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020 Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017 Macejová Ž., Aljubouri A.: Selected rheumatology topics for medical students, Academic text book 2019	
Course language: english	
Notes:	

Course assessment					
Total number of assessed students: 307					
A	B	C	D	E	FX
12.7	15.31	19.87	21.5	28.66	1.95
Provides:					
Date of last modification: 30.10.2023					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-DM1/16	Course name: Internal Medicine 1
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: 5.	
Course level: I.II.	
Prerequisites: UFZ/MP-DM2/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching. - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: Graduate acquires basic knowledges and skills needed in general medicine. Complete detailed history, physical examination of the patient and laboratory examination methods. Diagnosis and control the basic symptoms of individual diagnoses.	
Brief outline of the course: History taking. Main clinical features of internal diseases. Inspection. Head and neck investigation Percussion – chest /lungs, heart, abdomen. Auscultation of the heart and lungs. Palpation of the abdomen and chest .Blood pressure measurement. Pulse-quality of the pulse. Peripheral vessel investigation .The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Chrobák L, Grall T, Kvasnička J. Physical examination in Internal Medicine, GRADA Publishing 2003 P.J. Toghil: Examining Patients. An Intoduction to Clinical Medicine, 1993. 1993 Kumar P., Clark M.: 10th Edition, ELSEVIER 2020	

Course language: english						
Notes: The subject Internal Medicine 1 is provided only in the winter term.						
Course assessment Total number of assessed students: 479						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.4	41.96	11.69	4.8	2.51	5.22	0.42
Provides: prof. MUDr. Peter Mitro, DrSc., doc. MUDr. Jozef Gonsorčík, CSc., prof. MUDr. Lubomír Legáth, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Marek Varga, PhD., prof. MUDr. Ružena Tkáčová, DrSc., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Marta Jakubová, PhD., MUDr. Miloš Šimurda, PhD., prof. MUDr. Ján Fedačko, PhD., doc. MUDr. Pavol Pobeha, PhD., MUDr. Marek Felšóci, PhD., MUDr. Katarína Tokarčíková, PhD.						
Date of last modification: 14.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-DM2/15	Course name: Internal Medicine 2
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: 6.	
Course level: I.II.	
Prerequisites: IK/IM-DM1/16	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: Graduate acquires basic information on investigative methodologies ECG - ECG normal curve, changes in the width and interval of each wave with pathological findings. Students learn skills in the field of musculoskeletal diseases, laboratory diagnostics, hematology and fundamentals of toxicology.	
Brief outline of the course: Principles of clinical electrocardiography, normal ECG, ECG in coronary heart disease pulmonary embolism, electrolyte disturbances etc. X- ray in internal medicine. Chest X-ray. Examination of the musculoskeletal system. Main symptoms of the skeletal disease. Main laboratory investigation in internal medicine /hematological and biochemical investigation/. Mitral stenosis, mitral regurgitation. Aortic stenosis, aortic regurgitation. Most common poisonings. Main clinical symptoms and signs. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020	

Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017						
Course language: english						
Notes: The subject Internal Medicine 2 is provided only in the summer term.						
Course assessment Total number of assessed students: 442						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.9	39.14	15.38	7.24	1.81	3.62	0.9
Provides: prof. MUDr. Želmíra Macejová, PhD., MPH, prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Viola Vargová, PhD., MUDr. Anna Ťrgeová, PhD., MUDr. Jana Deptová, PhD., MUDr. Martin Ihnatko, PhD., MUDr. Tomáš Guman, PhD., MBA, MUDr. Dominik Pella, PhD.						
Date of last modification: 14.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-DM3/15	Course name: Internal Medicine 3
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: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: IK/IM-DM2/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: Graduate acquires basic theoretical knowledge of cardiology, pneumology, diabetology and angiology. It has the opportunity to become familiar with the investigation and therapeutic procedures used in these diseases.	
Brief outline of the course: Heart failure, Arrhythmias, Coronary heart disease - clinical symptomatology - diagnosis and treatment (including acute myocardial infarction), Tromboembolic disease - Acute and chronic pulmonary heart disease, Chronic obstructive pulmonary disease - Bronchial asthma - Tumors of the lung pneumonias, Diabetes mellitus 1. and 2. type - treatment - main acute and chronic complications of DM, Diseases of the peripheral veins The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: 1. Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER, 2020 2. Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed, 2017	
Course language:	

english

Notes:

The course Internal Medicine 3 is provided only in the winter term.

Course assessment

Total number of assessed students: 371

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
28.3	47.71	9.97	7.01	2.7	4.31	0.0

Provides: prof. MUDr. Jozef Pella, PhD., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Gabriel Valočik, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Pavol Joppa, PhD., MUDr. Anna Ťrgeová, PhD., MUDr. Emil Fraenkel, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Zora Lazúrová, PhD., MUDr. Alena Yaluri, PhD., doc. MUDr. Miriam Kozárová, PhD., MPH, MUDr. Tomáš Koky, PhD.

Date of last modification: 26.08.2022

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-DM4/15	Course name: Internal Medicine 4
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: 3	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: IK/IM-DM3/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test and the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: After completing the course the graduate acquires basic knowledge of gastroenterology, endocrinology, nephrology and become familiar with the investigation and treatments.	
Brief outline of the course: Examination of the oral cavity. Main changes in internal diseases. Disease of the esophagus, stomach and duodenum. Disorders of the liver and pancreas, jaundice. Inflammatory and tumor diseases of small and large bowel. Diseases of hypothalamus and hypophysis. Diseases of thyroid gland and parathyroid. Glomerulonephritis. Tubulointerstitial nephritis. Acute renal failure Chronic renal insufficiency. Kidney transplantation. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020 Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017	
Course language:	

english						
Notes: The course Internal Medicine 4 is provided only in the summer term.						
Course assessment Total number of assessed students: 340						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
30.0	37.65	16.76	8.24	3.82	3.24	0.29
Provides: prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Zora Lazúrová, PhD., MUDr. Emil Fraenkel, PhD., MUDr. Katarína Tokarčíková, PhD., MUDr. Jana Deptová, PhD., MUDr. Marek Felšóci, PhD.						
Date of last modification: 26.08.2022						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/IM-DM5/15	Course name: Internal Medicine 5
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: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: IK/IM-DM4/15	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars, it is possible to complete practical exercises in the Center for Simulator Teaching - To get at least 60 % of total score for ongoing review of written test /30 questions/ and the theoretical training to practical exercises. 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises - To the state exam bring the student's book with the appreciation	
Learning outcomes: Graduate acquires knowledge from hematology, rheumatology, disorders of the acid-base balance and the so-called. "Varia" (the differential diagnosis of acute conditions in internal medicine, basic immunosuppressive therapy).	
Brief outline of the course: Fever and subfebrility. Focal infection and sepsis. Disorders of the electrolyte metabolism. Treatment with glucocorticoids. Anemias, Leukemia, Myeloproliferative and lymphoproliferative diseases. Platelet disorders. Hemophilia and other coagulation disorders. Rheumatoid arthritis. Systemic lupus erythematosus and other connective tissue diseases. Chest pain, differential diagnosis. Acute cardiology. Shock and syncope. Acute states in gastroenterology and hepatology. Gastrointestinal bleeding. Acute states in endocrinology. Principles of using ATB, corticoid treatment, contraindications and other higher effects. Acute pneumology . The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature:	

Kumar and Clark: Clinical Medicine 10th Edition, ELSEVIER 2020
Kasper D, Fauci A.: Harrison s principles of Internal medicine, 20 ed 2017
Macejová Ž., Aljubouri A.: Selected rheumatology topics for medical students, Academic text book 2019

Course language:

english

Notes:

The subject Internal Medicine 5 is provided only in the winter term in block teaching.

Course assessment

Total number of assessed students: 326

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
25.46	44.48	21.78	7.06	0.92	0.31	0.0

Provides: prof. MUDr. Želmíra Macejová, PhD., MPH, prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Martin Janičko, PhD., doc. MUDr. Eduard Veseliny, PhD., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Eva Szabóová, PhD., MUDr. Juliana Gabzdilová, PhD., MBA, MUDr. Tomáš Guman, PhD., MBA, prof. MUDr. Gabriel Valočik, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Marek Felšöci, PhD., MUDr. Jana Figurová, PhD.

Date of last modification: 02.11.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFME/11	Course name: Medical English
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3., 5., 7.	
Course level: I.II.	
Prerequisites: KKF/LFMT/07	
Conditions for course completion: Test, attendance. Final exam - test. Grading scale: A 100-93 %, B 92-85 %, C 84-77 %, D 76-69 %, E 68-60 %, FX 59% and less.	
Learning outcomes: The development of students' language skills (reading, listening, speaking), improvement of their linguistic competence (phonological, lexical and syntactic aspects), and pragmatic competence, students can effectively use the language for a given purpose, with focus on English for specific/professional purposes - General medicine, level B2.	
Brief outline of the course: Medical English. Vocabulary and pronunciation. Formal/informal, technical (medical)/common vocabulary. The human body. Functions of the human body. Diseases and their symptoms. Functional grammar - defining, classifying, expressing function.	
Recommended literature: Glendinning, E.H.- Howard, R.: Professional English in Use – Medicine, CUP, 2007 Fitzgerald, P., McCullagh, M., Wright, R.: English for Medicine in Higher Education Studies. Garnet Education, 2010 http://www.bbc.co.uk/worldservice/learningenglish	
Course language: English language, level B2 according to CEFR.	
Notes:	

Course assessment					
Total number of assessed students: 2462					
A	B	C	D	E	FX
33.87	19.46	17.1	14.05	12.27	3.25
Provides: PhDr. Marianna Škultétyová, Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 21.11.2024					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KKF/ LFMT/07	Course name: Medical Terminology
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Course Requirements and Assessment 1) Active Participation Active participation affects the final grade and includes: 100% attendance at all classes during the winter semester Cooperation with the instructor Regular preparation of homework assignments Each student is allowed two absences without the need to provide official documentation (e.g., medical or other certificates). A student who has more than two absences and does not submit official documentation justifying the reason for absence will not be allowed to register for the early exam date (see Notes) or may receive a grade of FX, meaning they will fail the course Medical Terminology. 2) Homework Assignments Homework is mandatory. Students are expected to prepare homework assignments for each practical class, as they form an important part of the final examination. 3) Two Mid-Semester Tests There will be two short mid-semester tests focusing on the translation of medical terms. Each test is worth a maximum of 20 points (total 40 points for both tests). Points earned from these tests are added to the final exam score. 4) Final Examination The final exam is written and is worth a maximum of 110 points. The total maximum score for the course (two mid-semester tests + final exam) is 150 points. To successfully pass the course, a minimum of 90 points (60%) is required. Grading scale (total score for all components): A = 150 – 139 points B = 138 – 127 points C = 126 – 114 points D = 113 – 102 points E = 101 – 90 points FX = 89 – 0 points (fail)	
Learning outcomes:	

The aim of the course Medical Terminology is to familiarize students with the basics of Greek and Latin terminology, which are essential for their further studies in medicine. Upon completing the course, the student will be able to classify Latin nouns and adjectives into the appropriate declensions. Based on the acquired grammatical rules, the student will translate medical terms from Latin into English and vice versa. The student will also be able to identify the individual components of words and, based on this knowledge, correctly deduce the meaning of medical terms in both Latin and English.

Brief outline of the course:

The whole course is based on the book: KAVEČANSKÁ, A. (2025). Graeco-Latin terminology of Medicine. (First edition.). Košice: University of Pavol Jozef Šafárik in Košice

1. week: Introduction to Medical Terminology

2. week: UNIT 1

3. week: UNIT 2

4. week: UNIT 3

5. week: UNIT 4

6. week: CREDIT TEST 1 + UNIT 5

7. week: UNIT 6

8. week: UNIT 7

9. week: UNIT 8+ 9 + repetition

10. week: CREDIT TEST 2 + UNIT 10

11. week: UNIT 11

12. week: UNIT 12

13. week: UNIT 13 + repetition

Recommended literature:

Required reading:

KAVEČANSKÁ, A. (2025). Graeco-Latin Terminology of Medicine (First edition.). Košice: University of Pavol Jozef Šafárik in Košice.

Recommended reading:

BUJALKOVÁ, M., JUREČKOVÁ, A. (2004). Introduction to latin medical terminology. Bratislava: Univerzita Komenského.

ČERNÝ, K. (2013). Guide to Basic Medical Terminology. Praha: Karolinum.

SVOBODOVÁ, D. (2006). An introduction to Greco-Latin Medical Terminology. 3. vyd. Praha: Karolinum.

COHEN, B. J., & DePETRIS, A. (2014). Medical terminology: An illustrated guide (7th ed.). Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.

DORLAND, I. (1988). Dorland's illustrated medical dictionary (27th ed.). Philadelphia ; London ; Toronto: W. B. Saunders Company.

NETTER, F. H. (2006). Atlas of human anatomy (4th ed.). Philadelphia, Pa.: Saunders.

Recommended online courses and exercises:

<https://medterminology.com>

Course language:

English language

Notes:

PRE-TERM FINAL EXAM. Only those students who meet the requirements — a maximum of two absences and a minimum of 25 points from the two tests during the semester.

Course assessment					
Total number of assessed students: 5489					
A	B	C	D	E	FX
11.68	13.41	17.56	21.41	31.59	4.35
Provides: PhDr. Pavol Šalamon, Mgr. Alexandra Kavečanská, PhD., prof. PhDr. František Šimon, CSc.					
Date of last modification: 22.08.2025					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: ULM/ M-DM2/15		Course name: Microbiology 2			
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: 5.					
Course level: I.II.					
Prerequisites: ULM/M-DM1/22					
Conditions for course completion: tests, examination					
Learning outcomes: Knowledge of general and specific characteristics of microorganisms in relation to dental infections, laboratory diagnosis, therapy and prophylaxis					
Brief outline of the course: Selected genera of grampositive and gramnegative cocci and rods. Anaerobic bacteria. Selected yeasts, molds and parasites. DNA and RNA viruses. Selected causative agents of respiratory, gastrointestinal, genitourinary, and cardiovascular and central nervous system, nosocomial infections and infections of soft tissue and bones. Microbiology of caries, dental plaque and extraoral infection.					
Recommended literature: Murray, P.R.: Medical Microbiology.					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 519					
A	B	C	D	E	FX
24.86	6.74	17.73	14.26	21.19	15.22
Provides: RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MUDr. Marián Marcin, doc. RNDr. Katarína Čurová, PhD., MVDr. Vladimír Hrabovský, PhD.					
Date of last modification: 15.05.2022					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: NLK/ NL-DM/15	Course name: Neurology
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: 7.	
Course level: I.II.	
Prerequisites: IK/IM-DM2/15	
Conditions for course completion: 1. Active participation in practical exercises. 2. Successful completion of the test, evaluation A – E (possibility to repeat the test 2 times). 3. Successful passing the final exam.	
Learning outcomes:	
Brief outline of the course: Neurology - general considerations. History taking. Cranial nerves. General informations about upper and lower motor neuron, sensitivity, cerebellar syndromes. Disorders of stance and gait.. Extrapyramidal syndromes – hypertonic-hypokinetic, hypotonic-hyperkinetic. Language and higher cortical function. Physiological and anatomical considerations. Language disorders, brain lobes pathology. Meningeal syndrom. Cerebrospinal fluid. Intracranial hypertension, brain herniations. X-ray, EEG, Ultrasound of cerebral arteries, EMG, Evoked potentials, AG, CT, MRI. Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differential diagnosis, therapy. Cervikocranial syndrome. Epilepsy and seizures. Classification, generalized and partial seizures. Diagnostic, therapy. Febrile convulsions. Ischemic stroke. Risk factors, clinical feature, diagnosis, therapy. Brain haemorrhage, subarachnoid haemorrhage. Risk factors, clinical feature, diagnosis, therapy. Brain tumors. Classification, clinical feature, general and focal signs, diagnostic, therapy. Brain MTS. Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differential diagnosis, therapy. Cervikocranial syndrome. Demyelinating disorders - multiple sclerosis. Degenerative disorders (Alzheimer disease, Parkinson disease) - relations with stomatological diseases. Infectious disorders of the nervous system –meningitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess. Polyradiculoneuritis Guillain-Barre. Myasthenia gravis. Metabolic disorders. Complications of diabetes mellitus, anemia, alcoholism, side effects of neurological therapy in oral cavity.	
Recommended literature: Gdovinová Z., Szilasiová J.: Textbook of general neurology. Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. 189 s. ISBN 9788089346158 (brož.).	

Brust J.C.M.: Neurology. Current Diagnosis and treatment. Lange Medical Books/McGraw-Hill, 2007. 601 pp. ISBN: 13: 978-0-07-110554-5, also 3d edition 2019, ISBN 978-1-259-83531-5, ISSN 1932-1074

Course language:
english language

Notes:

Course assessment

Total number of assessed students: 394

A	B	C	D	E	FX
13.2	15.48	22.84	15.74	20.3	12.44

Provides: prof. MUDr. Zuzana Gdovinová, CSc., FESO, FEAN, prof. MUDr. Jarmila Szilasiová, PhD., MUDr. Mária Tormašiová, PhD., doc. MUDr. Eva Feketeová, PhD., MUDr. Norbert Leško, PhD., doc. MUDr. Marianna Vitková, PhD., prof. MUDr. Matej Škorvánek, PhD., MUDr. Vladimír Haň, PhD., MHA, MUDr. Milan Margetta, PhD., MUDr. Miroslav Benča, MUDr. Petra Paveleková, PhD., MUDr. Alexandra Lacková, PhD.

Date of last modification: 09.03.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: OK/OF-DM/15		Course name: Ophthalmology			
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: 8.					
Course level: I.II.					
Prerequisites: ChK/S-DM2/15					
Conditions for course completion: Test Oral exam					
Learning outcomes: Basic knowledge of Ophthalmology, especially most common causes leading to blindness, acute diseases and general and dental medicine aspects of Ophthalmology					
Brief outline of the course: Loss of vision, Ocular pain and discomfort, Abnormal appearance, Abnormal eye movement, double vision and squint, Traumatology of the eye, The eye systemic disease, Pharmacology of the eye					
Recommended literature: Lectures, Jogi, R.: Basic Ophthalmology, Kozák, I., Juhás, T. : Ophthalmology Outline, Košice, 2004, Ahmed, E.: Test Book of Ophthalmology, Oxford University, Press, 1998					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 309					
A	B	C	D	E	FX
45.95	25.24	16.5	7.12	3.88	1.29
Provides: MUDr. Míriama Skirková, PhD., MUDr. Monika Moravská, MUDr. Paulína Hribová, MUDr. Marek Horňák, MPH, MUDr. Jozef Szilasi, MUDr. Simona Knížová					
Date of last modification: 12.05.2022					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: KORLaF/ORL-DM/15		Course name: Otorhinolaryngology			
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: 8.					
Course level: I.II.					
Prerequisites: ChK/S-DM2/15					
Conditions for course completion: Test Exam					
Learning outcomes: Diagnosis and treatment of the most common diseases in ENT. Examination procedure and differential diagnosis of life-threatening conditions. Get information on the full range of ENT examinations and performances, even in border industries.					
Brief outline of the course: Nose and paranasal sinuses traumatology, inflammations, complications, Laryngeal and tracheal stenosis inflammation of lymphoid pharyngeal tissue, Tumours of the nose, paranasal sinuses, pharyngx and laryngx, Acoustic neurinoma, Tumours of the ear, External ear diseases, Acute otitis media and its complications, Chronica otitis media, Otogenic intracranial complication, Otosclerosis.					
Recommended literature: Šuster : Otorhinolaryngológia Profant M., : Otorhinolaryngológia Kovaľ J., : Nervus facialis					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 345					
A	B	C	D	E	FX
21.16	20.87	29.86	17.39	10.72	0.0
Provides: MUDr. Tímea Košťalová, MUDr. Michal Molčan, CSc.					
Date of last modification: 10.05.2022					

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KDaD/ PE-DM/15	Course name: Paediatrics
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: 7.	
Course level: I.II.	
Prerequisites: IK/IM-DM2/15	
Conditions for course completion: 1. Attendance confirmed by assistant's signature in the record book of the student - it is obligatory to compensate more than one legitimate absence - (in case of 2 absent practical lessons their compensation in the corresponding form shall be determined by the teaching assistant, in case of more than 3 absences the Head of the department shall decide how to compensate) 2. Active participation on practical lessons – estimated by the teaching assistant 3. Practical exam – evaluation of the physical examination of the patient in written form, + final exam (written form - ROGO system) 4. Credits from the subject are going to be administered on the basis of fulfillment of criterias 1-3 during credit week	
Learning outcomes: Students should acquire teoretical and practical skills which are necessary for child's examination. Education is focused on pathological conditions related to dental diseases. Students also should learn the principles of paediatric propedeutics and to evaluate pathological conditions in childhood.	
Brief outline of the course: - The age stages of child development - The peculiarities of anamnesis and a physical examination of a child - The nutrition and the assessment of nutritional status and hydration - Arterial hypertension and infectious endocarditis - The inflammation of the upper and lower respiratory tracts - A malabsorption syndrome - The disorders of the immune system and vaccination - Anemia and the blood clotting disorders - Type I diabetes mellitus and the disorders of calcium-phosphate metabolism - A nephrotic syndrome and pyelonephritis - Acute conditions in Paediatrics	
Recommended literature: Lissauer T.: Illustrated Textbook of Paediatrics, 2012 Kovács L: Introduction to Paediatrics, 2001	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 375					
A	B	C	D	E	FX
15.2	18.4	28.8	18.93	16.53	2.13
Provides: MUDr. Juliana Ferenczová, PhD., MUDr. Miroslava Petrášová, PhD., doc. MUDr. Veronika Vargová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňáková, MUDr. Veronika Kučeravá, PhD., MUDr. Kristína Kubejová, PhD., doc. MUDr. Gabriel Kol'vek, PhD., MUDr. Gabriela Kiss, MUDr. Nicolas Kardos, MUDr. Nina Kalinová					
Date of last modification: 23.03.2023					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UP/PA-DM1/19		Course name: Pathological Anatomy 1				
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: 4						
Recommended semester/trimester of the course: 5.						
Course level: I.II.						
Prerequisites: UA/A-DM2/15 and UHE/HE-DM2/24						
Conditions for course completion: Tests and Colloquium						
Learning outcomes: gain knowledge from the field of General pathology, mastery of histomorphology selected diagnoses, learn about with macroscopic autopsy diagnosis						
Brief outline of the course: Introduction to Pathology,Thanatology,Cell Injury,Dystrophic changes,Alterations in protein metabolism,Alterations in carbohydrate metabolism,Alterations in lipid metabolism,Disturbances of electrolytes and body fluids,Pigments,calcification,crystals and lithiasis,Progressive changes,Atrophy and necrosis,Inflammation,Growth disorders,Teratology,Pseudotumors,Basic histological features of tumors,Tumors,Tumor systematics, Tumors of oral cavity,Lymphomas,Hypersensitivity reactions,Immunodeficiency diseases,Cardiovascular system,Pathology of the Respiratory system						
Recommended literature: Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition,Elsevier/Saunders,Philadelphia,2005 Böör,A.,Jurkovič,I.,Benický,M. and Havierova,Z: Practical lessons in histopathology nd methods in pathology,UPJŠ Košice,2004						
Course language: English language						
Notes:						
Course assessment Total number of assessed students: 434						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
33.18	1.38	11.29	21.43	18.66	13.36	0.69
Provides: MUDr. Zuzana Benetinová, PhD., MUDr. Adam Nedoroščík, MUDr. Erika Štammová						
Date of last modification: 13.05.2022						

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UP/PA-DM2/19	Course name: Pathological Anatomy 2
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: 5	
Recommended semester/trimester of the course: 6.	
Course level: I.II.	
Prerequisites: UP/PA-DM1/19	
Conditions for course completion: EN successful completion of the prerequisites (Pathological Anatomy 1), practical lessons, one written revision test, practical part – colloquium and final oral examination	
Learning outcomes: EN Acquiring thorough knowledge in the areas of special and orofacial pathology, mastering the histomorphological diagnosis of selected diagnoses and getting familiar with the macroscopic diagnosis of necropsy.	
Brief outline of the course: Pathology of the nervous and endocrine system, pathology of the cardiovascular, respiratory and hematopoietic systems, pathology of the digestive tract, tooth decay, pulpitis, apical periodontitis, resorption and hypercementosis, pathology of the liver, gallbladder and pancreas, chronic damage to teeth not related to dental caries, uropathology, gingivitis and periodontitis, pathology of the ovaries and uterus, cysts of the jaws and soft orofacial tissues, pathology of pregnancy, postpartum period and the mammary gland, odontogenic tumors and tumor-like changes in the jaws, pathology of the endocrine glands, non-odontogenic tumors of the jaws and cancer in the oral cavity, genetic, non-metabolic and other non-neoplastic disorders of bones, musculoskeletal pathology, temporomandibular joint diseases, CNS pathology, salivary gland diseases, dermatopathology, diseases of the oral mucosa: stomatitis, pathology of the newborn, diseases of the oral cavity in newborns and children, benign chronic spots on the oral mucosa.	
Recommended literature: EN Mohan, H.: Textbook of Pathology, 6th ed., Jaypee Brothers, 2013, 933 p. Blichárová, A. et al.: Pathology part 2 (summer semester) – practical lessons for students of dental medicine, UPJŠ Košice, 2022, 56 p. Lectures	
Course language: English language	

Notes:					
Course assessment Total number of assessed students: 384					
A	B	C	D	E	FX
15.89	20.83	20.57	11.2	26.3	5.21
Provides: MUDr. Alžbeta Blichárová, PhD., MUDr. Adam Nedoroščík, MUDr. Zuzana Benetínová, PhD.					
Date of last modification: 23.03.2023					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPF/ PP-DM1/15	Course name: Pathological Physiology 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: 3	
Recommended semester/trimester of the course: 5.	
Course level: I.II.	
Prerequisites: UFZ/MP-DM2/15	
Conditions for course completion: Prerequisite for registration: succesful completion of practical lessons from Pathological physiology I Prerequisite for completion: 2 credit tests, evaluation of knowledge and outputs in praactical lessons (oral & written quizzes, presentations, 3 protocols, semestral work), 50% attendance in lectures, final exam	
Learning outcomes: Special pathophysiology for dentistry renders the basic overview of the etiopathogenesis, symptomatology and principal diagnostic findings in the clinically most important disease states and syndromes arising from the all major systems of the human body with the main focus on oral diseases and oral manifestations of systemic diseases.	
Brief outline of the course: - Disorders of the oral cavity (systematic categorisation based on the type of laesions and etiology), dysphagia, disorders of salivation, xerostomia, disorders of dentition due to systemic diseases - Esophageal, gastric disorders, Peptic ulcer, Maldigestion, Colon disorders, Liver disorders, Icterus, Hepatitis - Valvular & other congenital, acquired disorders, Ischaemic heart disease, Atherosclerosis, Hypertension, Angina pectoris & myocardial infarction, Cardiac dysrhythmias, Cardiomyopathies, Shock, hypotension, collapse - Anaemias and coagulopathies, obstructive & restrictive pulmonary disorders, respiratory failure - Motor, sensory & vegetative disorders, Neuropathies, Degenerative & demyelinating diseases, Epilepsy, Pain, - Cerebrovascular diseases, Higher nervous disorders & dementia, - Hypoth. – hypophyseal. disorders, Thyroid and parathyroid gland dysfunction, Supraren diroders, Diabetes mellitus and its acute a& chronic complications, - Renal failure, Glomerulopathies, tubulopathies, renovascular diseases, Renal stones,	
Recommended literature: 1.Porth, C.M.: Essentials of Pathophysiology, 3rd Edition, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2011, 1256 p. ISBN 13: 9781451103182/ISBN 10: 1451103182	

2. McCance, K.L., Sue E. Huether, S.E.: Pathophysiology - The Biologic Basis for Disease in Adults and Children. 5th Ed., Mosby, 2006, 1808 p., ISBN: 0323035078
3. McPhee, S. J., Lingappa, V.R., Ganong, W.F. Pathophysiology of Disease. McGraw-Hill/ Appleton & Lange, 4th ed., 2002, 760 p. ISBN-10: 00713876414. Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ.; 2000, 406 p., ISBN-10: 0865778663
4. Laskaris, G.: Pocket Atlas of Oral Diseases, 2nd Ed., Thieme Med. Publ., 2006, 370 p. ISBN 1-58890-249-8

Course language:

english

Notes:

Course assessment

Total number of assessed students: 479

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.94	2.09	8.56	22.96	22.96	10.02	1.46

Provides: doc. MUDr. Roman Beňačka, CSc., MVDr. Eva Lovásová, PhD., MUDr. Eva Sedláková, PhD., MUDr. Marek Brenišin, PhD., MVDr. Jaroslava Nováková, PhD., RNDr. Daniela Szabóová, PhD., MUDr. Lenka Šalamonová Blichová, PhD.

Date of last modification: 03.03.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: UPF/ PP-DM2/15	Course name: Pathological Physiology 2
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: 6.	
Course level: I.II.	
Prerequisites: UPF/PP-DM1/15	
Conditions for course completion: Prerequisite for registration: succesful completion of practical lessons from Pathological physiology I Prerequisite for completion: 2 credit tests, evaluation of knowledge and outputs in practival lessons (oral & written quizzes, presentations, 3 protocols, semestral work), 50% attendance in lectures, final exam	
Learning outcomes: Special pathophysiology for dentistry renders the basic overview of the etiopathogenesis, symptomatology and principal diagnostic findings in the clinically most important disease states and syndromes arising from the all major systems of the human body with the main focus on oral diseases and oral manifestations of systemic diseases.	
Brief outline of the course: 1. Pathophysiology of the respiratory system (asthma, pulmonary edema, breathing disorders during sleep). 2. Valvular defects, congenital heart defects. 3. Heart failure. Atherosclerosis, CAD. 4. Regulation of blood pressure, hypertension. 5. Risk factors and clinical manifestations of CHD. Dysrhythmias. Heart attack. 6. Hematology - anemia. Blood clotting disorders. 7. NS- Disorders of metrics, sensitivity, pain. Degenerative and demyelinating diseases of NS. 7. Epilepsy. 8. Diabetes mellitus and acute complications. Diabetes mellitus. DCCT and prevention of chronic complications. Compensation control and modern principles of therapy. 9. Digestive tract – oral cavity, tooth decay, esophagus. 10. Kidney pathophysiology. 11. Ulcer disease. Endocrinology. Thyroid gland, adrenal glands, parathyroid glands.	
Recommended literature: 1. Porth, C.M.: Essentials of Pathophysiology, 3rd Edition, Wolters Kluwer Health/Lippincott Williams & Wilkins, 2011, 1256 p. ISBN 13: 9781451103182/ISBN 10: 1451103182 2. McCance, K.L., Sue E. Huether, S.E.: Pathophysiology - The Biologic Basis for Disease in Adults and Children. 5th Ed., Mosby, Elsevier, 2006, 1808 p., ISBN: 0323035078 3. Kumar, V., Abbas, A., Fausto, N.: Robbins & Cotran Pathologic Basis of Disease, 7th edition, Saunders Publ., 2004 1552 p., ISBN 0721601871	

4. McPhee. S. J., Lingappa, V.R., Ganong, W.F. Pathophysiology of Disease. McGraw-Hill/ Appleton & Lange, 4th ed., 2002, 760 p. ISBN-10: 0071387641
5. Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ.; 2000, 406 p., ISBN-10: 0865778663

Course language:
english

Notes:

Course assessment

Total number of assessed students: 457

A	B	C	D	E	FX
5.25	12.25	23.85	22.54	19.69	16.41

Provides: doc. MUDr. Roman Beňáčka, CSc., MVDr. Eva Lovásová, PhD., MUDr. Eva Sedláková, PhD., MVDr. Jaroslava Nováková, PhD., MUDr. Lenka Šalamonová Blichová, PhD., MUDr. Marek Brenišin, PhD., RNDr. Daniela Szabóová, PhD., prof. MUDr. Mária Pallyová, PhD.

Date of last modification: 17.03.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: UFR/ PM-DM1/15		Course name: Pharmacology 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: 3						
Recommended semester/trimester of the course: 5.						
Course level: I.II.						
Prerequisites: UFZ/MP-DM2/15						
Conditions for course completion:						
Learning outcomes: An understanding of pharmacology to an appropriate extent is required of the dentist for the safety of dental practice. Students need to be informed about the sources of information about medicines and their effects in the body, rather than learning too much detail and memorizing lists of active substances. Be able to prescribe a prescription for commonly used drugs.						
Brief outline of the course: Prescription of drugs, practical application.. Basic pharmacology (pharmacokinetic and pharmacodynamic principles), factors influencing drug effects, routes of drug application. Special pharmacology including drugs affecting the autonomic nervous system, myorelaxants and ganglioplegic drugs, drugs affecting CNS (drugs used to treat psychiatric disorders, antiepileptics, antiparkinson drugs, hypnotics).						
Recommended literature: Whalen K et al.: Lippincott Illustrated Reviews: Pharmacology 7th edition, 2019 Ritter JM et al.: Rang & Dale's Pharmacology, 2019						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 468						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
30.98	18.38	20.51	19.02	6.41	4.27	0.43
Provides: prof. MUDr. Ladislav Mirossay, DrSc., prof. MVDr. Ján Mojžiš, DrSc., RNDr. Andrej Miroššay, PhD.						
Date of last modification: 03.09.2021						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: UFR/ PM-DM2/16		Course name: Pharmacology 2			
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: 6.					
Course level: I.II.					
Prerequisites: UFR/PM-DM1/15					
Conditions for course completion: test exam					
Learning outcomes: To provide students with a comprehensive introduction to the fundamental Pharmacology and uses of the major classes of drugs currently used in medical practice.					
Brief outline of the course: Drugs affecting cardiovascular system and blood including cardiac glycosides, antianginal drugs, antidysrhythmic drugs, diuretics, antihypertensive drugs, lipid-lowering drugs. Drugs affecting hemostasis (anticoagulants, antiaggregatory drugs), antianemic drugs. Mechanism of action of antibiotics, resistance, classification. Penicillins. Penicillins with broader spectrum. Cephalosporins. Aminoglycosides. Tetracyclines. Macrolides, lincosamides. Sulphonamides and quinolones. Antistaphylococcal antibiotics. Antimycobacterial agents. Antiviral and antifungal drugs. Antibiotics used in dental medicine. Antiprotozoal and anthelmintic drugs. Antithyroid drugs. Steroids, androgens. Oral contraceptives. Corticosteroids. Antidiabetic drugs. Drug influencing of plasmatic calcium concentration. Treatment of drug poisoning. Drug interaction.					
Recommended literature: Whalen K et al.: Lippincott Illustrated Reviews: Pharmacology 7th edition, 2019 Ritter JM et al.: Rang & Dale's Pharmacology, 2019					
Course language: ENGLISH					
Notes:					
Course assessment Total number of assessed students: 445					
A	B	C	D	E	FX
5.39	11.24	22.25	20.67	26.97	13.48

Provides: prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Mirossay, DrSc., RNDr. Andrej Miroššay, PhD., RNDr. Matúš Čoma, PhD., PharmDr. Radka Michalková, PhD.

Date of last modification: 02.09.2021

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: KFBLR/Ph-DM/18	Course name: Physiotherapy
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: 9.	
Course level: I.II.	
Prerequisites: UP/PA-DM2/19 and UPF/PP-DM2/15	
Conditions for course completion: https://www.upjs.sk/lekarska-fakulta/vyucbove-zakladne/rehabilitacia/vyucba/predmety/bc/ Prerequisites: Successful completion of the interim study checks and the final exam. Continuous assessment (test, independent work): written test Final assessment (exam): exam, grade A, B, C, D, E, FX. The final evaluation shall take into account the results of the mid-term evaluation and the final evaluation.	
Learning outcomes: The student will acquire the ability to assess the patient's functional status, quality of life. Prescribe the basic modalities of physical and rehabilitation therapy in the framework of dental medicine, educate the patients about physiotherapy and the exercise therapy.	
Brief outline of the course: Modern aspects of physiotherapy and complex rehabilitation. Definition and classification of physical therapy modalities. Effects, indications, contraindications. Examination of the patient and assessment of functions for purposes of rehabilitation treatment. Physical therapy, electrotherapy, phototherapy, thermotherapy. Principles of soft tissue and mobilization techniques. Physical therapy modalities according to type of energy and therapeutic targets. Mobilisation and soft tissue techniques in the orofacial region Basics of kinesiology of the temporomandibular joint, hyoid bone and craniocervical junction. Postisometric relaxation in the orofacial region Application of neurophysiological methods. Rehabilitation of complications after tooth extraction The use of physical modalities. Rehabilitation of orofacial trauma. Rehabilitation of soft tissue injuries in orofacial region. Basic principles and methods of rehabilitation. Rehabilitation of facial bones injuries Basic principles and methods of rehabilitation. Jaw muscles contracture, aetiology, diagnosis, therapy. Dysfunction of temporomandibular joint and physiotherapy. Rehabilitation after temporomandibular joint prosthesis. Neurophysiological methods, rehabilitation principles Rehabilitation of dysphagia. Common physiotherapy treatment techniques. Rehabilitation for cervical spine and central nervous system diseases. Basic myoskeletal approaches Physiotherapy treatment for trigeminal neuralgia. Common physiotherapy treatment techniques Rehabilitation aspects of craniofacial prosthetics . Aesthetic and functional aspects.	

Physiotherapy in functional disorders of the chewing muscles, head fascia, muscle chains. Basic myoskeletal approaches. Functional and psychosocial aspects of rehabilitation in maxillofacial oncology Coping strategies, quality of life.					
Recommended literature: Basic study literature: Ceravolo. M, Christodoulou N. et al. Physical and Rehabilitation Medicine for Medical Students , Grada, 2018 Next study literature: Beumer, J., Marunick M.T., Esposito S. J. Maxillofacial rehabilitation. 2011, Quintessence Pub Co; 1 edition, 468 pages, ISBN-13: 978-086715498					
Course language: english					
Notes:					
Course assessment Total number of assessed students: 243					
A	B	C	D	E	FX
83.95	15.23	0.82	0.0	0.0	0.0
Provides: doc. MUDr. Peter Takáč, PhD., univerzitný profesor, MUDr. Anna Kubincová, PhD., doc. PhDr. Viliam Knap, PhD., MHA, MPH, prof. et doc. PhDr. Magdaléna Hagovská, PhD., MPH					
Date of last modification: 07.03.2023					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFPAGM/16	Course name: Practical English Grammar for Medical Students
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: I.II.	
Prerequisites: KKF/LFMT/07	
Conditions for course completion: Active participation, max. 2 absences. 2 tests, mini-presentation. A minimum final overall average of 60 percent is required. Students with a final overall average lower than 60 percent are not allowed to register for the final exam, i. e. their final grade is FX. Exam - written test. Final assessment is based on the results of exam (50%) and continuous assessment (50%). Scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: The development of language skills (reading, writing, speaking), improvement of linguistic competence, students acquire knowledge and practical skill in the use of selected grammar and syntactic aspects of medical English with focus on general and dental medicine, level B1.	
Brief outline of the course: Tenses Irregular verbs Passive and active voice Countable and uncountable nouns, adjectives and adverbs Prepositions Relative clauses Modal verbs Conditionals Text cohesion and coherence Language functions: defining, classifying, expressing function, cause and effect, purpose, result, making suggestions, giving advice.	
Recommended literature: Vince, M.: Macmillan English Grammar In Context. Intermediate. Macmillan Publishers Limited, 2007. Vince, M.: Macmillan English Grammar In Context. Advanced. Macmillan Publishers Limited, 2008. Thaine, C.: Cambridge Academic English. Intermediate. CUP, 2012.	

James, D.V.: Medicine. Prentice Hall International Limited, 1992.					
Course language:					
Notes:					
Course assessment					
Total number of assessed students: 314					
A	B	C	D	E	FX
39.81	23.89	18.47	9.24	6.05	2.55
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 30.03.2022					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFPE/11	Course name: Presentations in English
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 5., 7.	
Course level: I.II.	
Prerequisites: KKF/LFMT/07	
Conditions for course completion: Active participation, max. 1 absence (2x45 min.) Continuous assessment (50% of the final assessment): 1 test (60%), oral case presentation (40%) A minimum final overall average of 60 percent is required. Students with a final overall average lower than 60 percent are not allowed to register for the final exam, i.e. their final grade is FX. Exam - conference presentation (50% of the final assessment) Final assessment is based on the results of exam (50%) and continuous assessment (50%). Scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: Students extend the knowledge of medical English vocabulary and acquire skills for preparing and delivering different types of oral presentations in medical context.	
Brief outline of the course: Types of presentations Language of presentations Conference presentations Poster presentation Structure of presentations Presentation of data Case presentation Selected grammar (prepositional phrases, collocations, etc.)	
Recommended literature: Glendinning, E. H.- Howard, R.: Professional English in Use – Medicine, CUP, 2007 McCarthy, M., Felicity O'Dell: English Vocabulary in Use. Advanced. CUP, 2002 Williams, Erica J.: Presentations in English. MacMillan, 2008 Dictionary of Medicine. Peter Collin Publishing, 1996 Powel, M.: Dynamic Presentations. CUP, 2010 Armer, T.: Cambridge English for Scientists. CUP, 2011	
Course language: B1-B2 level according to CERF	

Notes:					
Course assessment Total number of assessed students: 569					
A	B	C	D	E	FX
57.12	25.13	11.42	3.34	0.7	2.28
Provides: Mgr. Viktória Mária Slovenská, Mgr. Lýdia Markovičová, PhD.					
Date of last modification: 21.09.2022					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: IK/PM-DM/22	Course name: Preventive Medicine
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: 8.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: 1. For successful completion of the practical exercises/seminars is required: - To participate at all of practical exercises, theoretical and practical performance of all exercises/seminars. - To get at least 60 % of total score for ongoing review of written test or the theoretical training to practical exercises. - Two absences are allowed /justified/ 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art13 - The final classification includes the evaluation of the written test and the results obtained in practical exercises	
Learning outcomes: The graduate acquires knowledge in the field of prevention in cardiology, the field of obesity prevention, and metabolic syndrome. Acquires knowledge in the field of infectious disease prevention and tumor prevention.	
Brief outline of the course: Preventive medicine, definition, organization, education, public health.Physical exercise – how much is too much.Prevention of obesity, nutrition.Preventive cardiology.Metabolic syndrome as a cardiovascular risk factor .Cancer – epidemiology, statistics, prevention.Prevention of Internal diseases from the perspective of patients with dental diseases. The current timetable for a given term is published on the electronic bulletin board of the course in AiS2 or on the clinic's website.	
Recommended literature: Dzurenková, D., Marček, T., Hájková, M.: Essentials of Sports Medicine. Bratislava: CU, 2000.,22 pp. 2000 Marček, T. et all.:Sports Medicine (Manual of Practical Sports Medicine). Bratislava: CU, 1995. 76 p. 1995	

Harries, M., Williams, C., Stanish, W.D., Micheli, L.J.:Oxford Textbook of Sports Medicine. Oxford: Oxford University Press, 1994. 748 p 1994

Thomas P. Gullotta and Martin Bloom Encyclopedia of Primary Prevention and Health Promotion

2014

David L. Katz,Ather Ali - IOM: Preventive Medicine, Integrative Medicine and the Health of the Public

2009

Course language:

english

Notes:

The course Preventive Medicine is provided only in the summer term.

Course assessment

Total number of assessed students: 104

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	96.15	0.96	2.88	0.0	0.0	0.0

Provides: prof. MUDr. Daniel Pella, PhD., MUDr. Ivan Majerčák, MPH, MUDr. Peter Horváth, doc. MUDr. Štefan Tóth, PhD., MBA, doc. MUDr. Viola Vargová, PhD.

Date of last modification: 14.03.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: 1. PK/ PT-DM/16	Course name: Psychiatry
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: 8.	
Course level: I.II.	
Prerequisites: 1. PK/PMC-DM/25 and UPF/PP-DM1/15	
Conditions for course completion: 1. Student has to attend minimally 85% of the practical lessons and minimally 50% of the lectures. In the case of absence, may substitute up to 2 practical lessons per semester. 2. Evaluation: active participation in practicals; permanent study check (control question). Successful completion of the written test - minimum 60% .	
Learning outcomes: The aim is to learn ethiology and pathophysiology of mental disorders, psychopathology, principles of classification in psychiatry, syndromes of mental disorders, diagnosis and treatment of mental disorders and communication with mentally ill patients. Student is skilled in making the diagnosis, differential diagnosis and basics of therapy of specific groups of mental disorders, first aid in psychiatry. He/she has knowledges about legal and ethical issues of mentally ill. Students fulfil requirements for communication with mentally ill patients and communication with another specialists and psychiatrists as well.	
Brief outline of the course: <ul style="list-style-type: none"> - psychiatry - history of psychiatry and its content - etiology and pathophysiology - psychopathology, signs and symptoms of mental disorders /disturbances of perception, mood, thinking, memory, motor activity and behavior, intelligence, consciousness and attention, personality/ - diagnosis in psychiatry, syndromes of mental disorders - principles of classification in psychiatry - treatment of mental disorders – biological treatment and psychopharmacology - psychotherapy, psychoeducation and rehabilitation in psychiatry - communication with mentally ill patients and communication with another specialists and psychiatrists - schizophrenia and schizophrenia - like disorders - mood disorders – focus on depression - organic and symptomatic mental disorders, cognitive disorders - reactive (stress-related) mental disorders, anxiety, OCD, somatoform and dissociative disorders,... - alcoholism and other substance use disorders - mental disorders of childhood and adolescence 	

<ul style="list-style-type: none"> - geriatric psychiatry - personality disorders, behavioral syndromes - legal and ethical aspects referring to psychiatric patients, social psychiatry 					
Recommended literature: 1. Puri, Treasaden, Textbook of Psychiatry, 3rd edition, Churchill Livingstone, Elsevier, 2011 2. Pridmore S. Download of Psychiatry, Front matter. Last modified: October, 2015. http://eprints.utas.edu.au/287/					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 348					
A	B	C	D	E	FX
83.05	7.18	6.9	1.44	0.86	0.57
Provides: doc. MUDr. Ivan Dóci, PhD., Mgr. MUDr. Jozef Dragašek, PhD., MHA, doc. MUDr. Aneta Bednářová, PhD., MUDr. Jana Vančíková, PhD., MUDr. Zuzana Vančová, PhD., MUDr. Dominika Jarčušková, PhD., MUDr. Simona Čarnakovič					
Date of last modification: 12.05.2022					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: KRNM/ R-DM/15		Course name: Radiology			
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: 5.					
Course level: I.II.					
Prerequisites:					
Conditions for course completion: Rogotest - presence form					
Learning outcomes: Radio imaging methods and procedures, physical principles. Orientation in classical radiology. Control of USG, CT, MR, angiographic and interventional methods. Practical exercises at the clinic.					
Brief outline of the course: <ul style="list-style-type: none"> - Fundamentals of physics and biophysics. - Ionizing radiation. - Diagnostic modalities. - Using imaging methods to display individual organs. - Imaging modalities of the bones, nervous system, chest, abdominal organs, vascular system. - Intervention methods. 					
Recommended literature: 1. Basic Radiology – Michaely.M.Chen. Thomas L. Pope, David J.Ott Lange 2. Radiology 101 The Basics and Fundamentals of Imaging - W. Smith, T. Farell 3. The Chest X-Ray - G. Lacey, S. Morley, L. Berman 4. CT Teaching Manual - M. Hofer					
Course language: English language					
Notes:					
Course assessment Total number of assessed students: 370					
A	B	C	D	E	FX
51.89	11.89	15.41	12.97	7.84	0.0
Provides: MUDr. Nora Lešková, MUDr. Tatiana Muchová, PhD., MPH, MBA, MUDr. Tatiana Špakovská, PhD., MUDr. Maroš Rudnay, PhD.					
Date of last modification: 19.05.2022					

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ SDT-DM1/22	Course name: Seminar of Diploma Thesis 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 50s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: - independent work - obtaining credits - consultation with the trainer - active cooperation during the completion of the mandatory 50 hours - processing of publications and literary sources	
Learning outcomes: The graduate prepares and collects materials from all available sources. After studying, he masters the formal aspects of writing a diploma thesis.	
Brief outline of the course: <ul style="list-style-type: none"> • Main phases and basic steps of writing a diploma thesis /conceptualization, planning, empirical phase, analytical and dissemination phase/ • Ethical principles and principles when writing a diploma thesis /originality of work, copyright/ • The formal side of the thesis • Citations and bibliographic references 	
Recommended literature: 1. Directive no. 2/2022 for final theses submitted at the University of Pavel Jozef Šafárik in Košice, Faculty of Medicine. 2. Rector's decision no. 9/2022 on the submission of final theses at the 1st, 2nd and combined 1st and 2nd levels of higher education and the conclusion of license agreements. 3. Directive no. 1/2011 on the basic requirements of final theses, rigorous theses and habilitation theses, their publication and availability for the period of their storage and control of originality valid for UPJŠ in Košice and its parts. 4. STN 01 6910: 2010 Rules for writing and editing documents 5. STN ISO 690 Information and documentation. Instructions for creating bibliographic links to information sources and citing them. 6. STN ISO 2145 Documentation. Numbering of sections and subsections of written documents. 7. https://www.upjs.sk/pracoviska/univerzitna-kniznica/zaverecne-prace/ 8. Professional literature according to the nature of the thesis.	
Course language: English	

Notes:

Estimated student workload: 74 hours
full-time study (CV): 28 hours
task processing 22 hours
self-study 24 hours

Course assessment

Total number of assessed students: 330

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.48	0.0	0.0	0.0	0.0	0.0	1.52

Provides:

Date of last modification: 27.03.2023

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: SK/ SDT-DM2/22	Course name: Seminar of Diploma Thesis 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 50s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 10.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: - independent work - obtaining credits - consultation with the trainer - active cooperation during the completion of the mandatory 50 hours - processing of publications and literary sources	
Learning outcomes: The graduate can create the structural and content side of the thesis. Continuously processes the obtained data and their incorporation into the structure of the thesis. The methodology and procedure for the practical part of the work and its initiation are determined.	
Brief outline of the course: <ul style="list-style-type: none"> • Structure of the thesis / main parts of the thesis – introductory, main text part/ • Content page of diploma thesis I. /abstract, preface, introduction, discussion, conclusion/ • Content page of diploma thesis II. /goal of work, work methodology, research methods/ 	
Recommended literature: 1. Directive No. 2/2022 for Final Theses Submitted at Pavol Jozef Šafárik University in Košice, Faculty of Medicine 2. Rector's decision no. 9/2022 on the submission of theses at the 1st, 2nd and combined 1st and 2nd levels of higher education and the conclusion of license agreements. 3. DIRECTIVE No. 1/2011 on Essential Prerequisites of Final Theses, Doctorate Degree Theses, and Associate Professorship Degree Theses, Release and Making Available Thereof During the Time of Keeping the Same, and Originality Check Valid for Pavol Jozef Šafárik University in Košice and Its Constituents 4. STN 01 6910: 2010 5. STN ISO 690 6. STN ISO 2145 7. https://www.upjs.sk/en/departments/university-library/theses/ 8. Preparatory steps and formality of Diploma Thesis' writing Professional literature according to the nature of the thesis.	

Course language: English						
Notes: Estimated student workload: 74 hours full-time study (CV): 28 hours task processing 22 hours self-study 24 hours						
Course assessment Total number of assessed students: 310						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.06	0.0	0.0	0.0	0.0	0.0	1.94
Provides:						
Date of last modification: 27.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/SL-DM1/09	Course name: Slovak Language 1
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 4 Per study period: 0 / 56 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than four absences during the semester. All listed absences include absences confirmed by a doctor. Students have 1 continuous written assessment – week 12 during the semester. The final evaluation must be completed no later than the end of the teaching part of the winter semester. The result of the assessment must be at least 60%. Students are given the opportunity to retake the assessment if their results are lower than 60% in weeks 13 and 14. The result of the retake must be at least 60%. If the minimum score of 60% is not achieved, the student will receive a grade of FX. If a student fails to meet the required minimum attendance criteria, the student will receive a grade of X – not rated. Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. THE STUDY FORM: in person/distant/combined in accordance with epidemiological situation and the Rector's Ordinance.	
Learning outcomes: Students achieve basic language skills with the focus on the communication in selected general and medical topics - language level A1.1.	
Brief outline of the course: The Human Body. Doctor - Patient Communication at the Dentist's. Personal and Family History - Introduction. My Family. In the Town. Faculty of Medicine, Accommodation. Numerals (0-100). Days of the Week. Personal Pronouns. Grammatical Gender. Nominative Case. Accusative Case. Verbs - Conjugation in Present Tense.	
Recommended literature: Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2018. Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.	

e-book: Madárová, I. Pálová, V., Tóthová, L.: Pán doktor, rozumiete po slovensky? Cvičebnica. Košice, UPJŠ 2021.
Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.
Doplnkové materiály pripravené vyučujúcimi v printovej a elektronickej forme.

Course language:

English B2

Notes:

Course assessment

Total number of assessed students: 765

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
32.55	20.0	13.99	10.59	9.28	6.67	6.93

Provides: PhDr. Beáta Jurečková, PhD., PhDr. Lucia Tóthová

Date of last modification: 03.10.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/SL-DM2/15	Course name: Slovak Language 2
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 4 Per study period: 0 / 56 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 2., 6., 8.	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM1/09	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than 4 absences during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is one continuous written assessment (week 13). The result of the continuous written assessment must be at least 60%. Students are given an opportunity to retake the continuous written assessment in the last week of the semester (week 14). Students with a final result lower than 60% in the summer semester are not allowed to register for the final exam, i.e. their final grade is FX. The final assessment is based on the result of the final oral exam and the continuous written assessment. The final grade = the final oral exam (the final oral exam = 60% of the final grade) + the continuous written assessment (the continuous written assessment = 40% of the final grade) = 100%. Grading scale: A 100-91 %, B 90-84 %, C 83-75 %, D 74-68 %, E 67-60 %, FX 59 and less. The study form: in person/distance/combined in accordance with epidemiological situation.	
Learning outcomes: Students are able to communicate with patients at a dentist's, ask questions, give advice, etc. Language level A1.1	
Brief outline of the course: Medical topics: At the Dentist's. Oral Cavity. Set of Teeth. Teeth Types. Tooth Anatomy. In the Hospital. Dental Hygiene Instruments. Parodontosis. Dentist Office. Dental Instruments Set. General topics: Orientation in the Town. In the Restaurant. Grammar: The Accusative Case. Imperative Forms. Modal Verbs. Past Tense. The Locative Case. The Instrumental Case. The Genitive Case.	
Recommended literature: Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ 2020. Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD). Kamenárová, R. a kol.: Krížom – krážom. Slovenčina A1 – A2. Cvičebnica. Bratislava, Univerzita Komenského 2007. Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.	

http://www.slovae.eu Materials prepared by teachers in electronic and printed versions.					
Course language: English level B2/ Slovak level A1.1					
Notes:					
Course assessment Total number of assessed students: 678					
A	B	C	D	E	FX
30.38	15.34	19.62	16.37	15.34	2.95
Provides: PhDr. Beáta Jurečková, PhD., PhDr. Lucia Tóthová					
Date of last modification: 30.01.2025					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/SL-DM3/15	Course name: Slovak Language 3
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: 1	
Recommended semester/trimester of the course:	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM2/15	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. The minimum level of student participation required is 86% There is 1 continuous written assessment (week 13.). The result of the assessment must be at least 60%. Students are given an opportunity to retake the continuous written assessment in the last 2 weeks of the semester (week 14). Grading scale: A 100-91%, B 90-84%, C 83-75%, D 74-68%, E 67-60%, FX 59% and less. THE STUDY FORM: in person/distant/combined in accordance with epidemiological situation and the Rector's Ordinance.	
Learning outcomes: Students are able to communicate with patients at the Dentist's, ask questions; and give advice or instructions - language level A1.2	
Brief outline of the course: At the Dentist's Office. Dental Instrument Set. Dental Tools. Tooth Extraction. Medical Documentation. Case History. Dental Caries. Doctor - Patient Communication. Verbs - Conjugation in Present Tense, Past Tense and Future Tense, Genitive Case, Dative Case - Selectively. Comparison of Adjectives.	
Recommended literature: Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020. Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2018 . Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009. Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009 (+CD). Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013 Brožová, I.: Slovak for you. Bratislava, Ikar 2016.	
Course language: English B2, Slovak A1.1- A1.2	

Notes:						
Course assessment						
Total number of assessed students: 619						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.5	11.95	17.29	16.64	10.99	8.24	3.39
Provides: PhDr. Beáta Jurečková, PhD., PhDr. Lucia Tóthová						
Date of last modification: 15.09.2025						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: Dek. LF UPJŠ/SL-DM4/15	Course name: Slovak Language 4
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: 1	
Recommended semester/trimester of the course:	
Course level: I.II.	
Prerequisites: Dek. LF UPJŠ/SL-DM3/15	
Conditions for course completion: Students are required to attend Slovak language classes according to the schedule. Active participation is required. Active participation requires students to demonstrate at least 60% of their knowledge of the current curriculum during oral or written assessments throughout the semester in any class. If a student fails to achieve this 60% threshold, they will be marked as absent. Students are not allowed to have more than two absences during the semester. The minimum level of student participation required is 86%. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is one continuous written assessment (week 13). The result of the continuous written assessment must be at least 60%. Students are given an opportunity to retake the continuous written assessment in the last week of the semester (week 14). Students with a final result lower than 60% in the summer semester are not allowed to register for the final exam, i.e. their final grade is FX. The final assessment is based on the result of the final oral exam and the continuous written assessment. The final grade = the final oral exam (the final oral exam = 60% of the final grade) + the continuous written assessment (the continuous written assessment = 40% of the final grade) = 100%. Grading scale: A 100-91 %, B 90-84 %, C 83-75 %, D 74-68 %, E 67-60 %, FX 59 and less. The study form: in person/distance/combined in accordance with epidemiological situation.	
Learning outcomes: Students are able to communicate with patients on basic level at the dental department. Language level A2.1	
Brief outline of the course: Filling Materials. Fallen Out Fillings. History Taking - Part II. (Allergic, Medication. Gynaecological, Social, Occupational History and Bad Habits). Tooth Problems. Orthodontic Treatment. Types of Dental Braces. Dental Surgery. Children at the Dentist. Adverbs. Conditionals. Diminutives. Case Studies	
Recommended literature: Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020. Jurečková, B., Barnišinová, L.: e-Slovenčina pre zubárov v praxi - kazuistiky. Košice: ŠafárikPress, 2022.	

Materials prepared by teachers. https://slova.ee http://slovniky.juls.savba.sk http://slovniky.korpus.sk http://www.e-slovak.sk					
Course language: English level B2 / Slovak level A1.2					
Notes:					
Course assessment Total number of assessed students: 528					
A	B	C	D	E	FX
26.14	22.16	18.94	14.58	16.1	2.08
Provides: PhDr. Beáta Jurečková, PhD., PhDr. Lucia Tóthová					
Date of last modification: 08.02.2026					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: CJP/ LFKZSZ2/16	Course name: Slovak Language Communication Skills for Dental Practice 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4., 6., 8.	
Course level: I.II.	
Prerequisites: CJP/LFKZSZ1/16	
Conditions for course completion: Mandatory individual preparation and presentation of one topic during the semester. Final assessment of the semester: a presentation assessment of more than 60% entitles the student to register for the exam. Final exam - oral form. Final evaluation = continuous assessment result (presentation) - 50%, oral exam - 50%. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
Learning outcomes: The development of language/ communication skills (reading, writing, listening, speaking), improvement of linguistic competence of students with a focus on the use of the specialized language and terminology in the Dental medicine.	
Brief outline of the course: Dentist - patient, dentist - dentist communication focused on the following areas: Medicaments at the dentist. Dental surgery. Preventive dentistry. Anaesthesia in dentistry. Medicaments at the dentist. The tongue. Diseases of the tongue. Oral hygiene. Tooth extraction. Selected aspects of functional grammar (discussion, arguing, description and characteristics, presentation).	
Recommended literature: Jurečková, B., Barnišinová, L.: e-Slovenčina pre zubárov – kazuistiky. Košice: ŠafárikPress 2022. Steinerová, H.: Konverzačná príručka slovenčiny. Bratislava, Univerzita Komenského 2000. Žigová, L.: Komunikácia v slovenčine. Bratislava, Univerzita Komenského 1998. Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013. Supplementary materials prepared by teachers in print and electronic form.	

Course language:					
Notes:					
Course assessment					
Total number of assessed students: 16					
A	B	C	D	E	FX
93.75	6.25	0.0	0.0	0.0	0.0
Provides: PhDr. Beáta Jurečková, PhD.					
Date of last modification: 30.01.2025					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ÚTVŠ/ ŠALF 1/22	Course name: Sport 1
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 3., 5., 7.	
Course level: I.II., II.	
Prerequisites:	
Conditions for course completion: Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - students must meet the requirements to 80%	
Learning outcomes: Sports activities in all their forms prepare university students for their further professional and personal life. A personal experience allows them to understand the importance of physical activity for life. Sports actively influence physical fitness and performance, help to maintain mental health, and improve the health of those engaged in sport. The skills and abilities acquired and improved during exercise, strengthen students' relationships toward physical activities and provide an opportunity to affect their near and the wider environment in a selected sport activity. Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students meet the performance standard and: - acquire movement skills in a particular sport, basic skills and complex skills in sport games and swimming competency - increase the level of speed, endurance, power and agility, overall fitness and performance - can apply the exercises in practice, - can apply a specific health-oriented programme to target health problems - can apply acquired knowledge and skills in the sport development process and leisure time	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on	

the Tisza River) with an attractive programme, sports competitions with national and international participation.

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 1507

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
90.78	0.66	0.0	0.0	0.0	0.2	8.36

Provides: Mgr. Patrik Berta, Mgr. Alena Buková, PhD., univerzitná docentka, Mgr. Marcel Čurgali, PhD., Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Melicharová, PhD., prof. RNDr. Stanislav Vokál, DrSc., Blažej Pandula, doc. PaedDr. Ivan Uher, MPH, PhD., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD., Mgr. Július Evelley, PhD.

Date of last modification: 07.02.2024

Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ÚTVŠ/ ŠALF 2/22	Course name: Sport 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 4., 6., 8.	
Course level: I.II., II.	
Prerequisites:	
Conditions for course completion: Condition for successful course completion: - active participation in line with the study rule of procedure and course guidelines - students must meet the requirements to 80%	
Learning outcomes: Learning outcomes: Sports activities in all their forms prepare university students for their further professional and personal life. A personal experience allows them to understand the importance of physical activity for life. Sports actively influence physical fitness and performance, help to maintain mental health, and improve the health of those engaged in sport. The skills and abilities acquired and improved during exercise, strengthen students' relationships toward physical activities and provide an opportunity to affect their near and the wider environment in a selected sport activity. Content standard: The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature. Performance standard: Upon completion of the course students meet the performance standard and: - acquire movement skills in a particular sport, basic skills and complex skills in sport games and swimming competency - increase the level of speed, endurance, power and agility, overall fitness and performance - can apply the exercises in practice, - can apply a specific health-oriented programme to target health problems - can apply acquired knowledge and skills in the sport development process and leisure time	
Brief outline of the course: Brief outline of the course: The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling. Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on	

the Tisza River) with an attractive programme, sports competitions with national and international participation.						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 1208						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
92.8	0.0	0.0	0.0	0.0	0.25	6.95
Provides: Mgr. Patrik Berta, Mgr. Alena Buková, PhD., univerzitná docentka, Mgr. Marcel Čurgali, PhD., Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Melicharová, PhD., Blažej Pandula, prof. RNDr. Stanislav Vokál, DrSc., doc. PaedDr. Ivan Uher, MPH, PhD., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD., Mgr. Július Evelley, PhD.						
Date of last modification: 07.02.2024						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice						
Faculty: Faculty of Medicine						
Course ID: Dek. LF UPJŠ/SSW/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., 5., 6., 7., 8., 9., 10..						
Course level: I.II.						
Prerequisites:						
Conditions for course completion: Presentation in the faculty round of SSW						
Learning outcomes:						
Brief outline of the course: Work under the guidance of the topic's supervisor of SSW and presentation of results						
Recommended literature: According to the chosen topic						
Course language: English						
Notes:						
Course assessment Total number of assessed students: 60						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
83.33	15.0	0.0	0.0	0.0	0.0	1.67
Provides:						
Date of last modification: 17.05.2022						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: 1. ChK/ GS-SS-DM/16		Course name: Surgery			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 9., 10..					
Course level: I.II.					
Prerequisites: ChK/S-DM5/15 and 1. KAIM/A-DM/15					
Conditions for course completion: Reaching the minimal number of credits from compulsory and elective subjects within the structure defined by the study programme.					
Learning outcomes: Successful completion of the state exam on Surgery assures graduate smooth start of the clinical practise.					
Brief outline of the course: Knowledge areas covered by the state exam – fundamentals of traumatology; diagnostics, therapy and prevention of injuries; shock - pathogenesis , clinical presentation, therapy; bone fractures – classification, first aid, conservative treatment, bone healing and its impairment; head & neck surgery; inflammatory disorders of soft tissues; thoracic surgery – surgery of pleura & lungs – inflammatory diseases, tumors; surgery of the esophagus & mediastinum; surgery of gallbladder & bile ducts; surgery of the pancreas, abdominal wall – hernias, stomach & duodenum, small & large bowel – inflammatory disorders & tumors – diagnostics & therapy					
Recommended literature:					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 308					
A	B	C	D	E	FX
31.17	25.65	16.88	12.99	12.66	0.65
Provides:					
Date of last modification: 08.03.2023					
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/S-DM1/16	Course name: Surgery 1
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: 5.	
Course level: I.II.	
Prerequisites: UFZ/MP-DM2/15	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: Students will acquire the basics knowledge of surgical propaedeutic, i.e. history of surgery, basics of asepsis, antisepsis, anesthesia, thromboembolism, diagnostics of surgical diseases and principles of preoperative and postoperative care of patients	
Brief outline of the course: Introduction to Surgical – propedeutic study. Division of Surgery, history of surgery. Basic principles of investigative methods and clinical diagnostics in surgery. Asepsis and antisepsis, disinfection and sterilization. Principles of Anesthesiology. Local, general, endotracheal anesthesia and its complications. Principles of cardiopulmonary resuscitation. Wounds. Division of wounds, wound properties, healing and wound dressings. Surgical infections, etiology, presentation, diagnostics and treatment.	
Recommended literature: Frankovičová, M. et al.: Surgery for medical students. Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-202-4 Frankovičová, M., Kaľuchová J. et al.: Surgery for medical students. second revised edition, Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-581-0	
Course language:	

English						
Notes:						
Course assessment						
Total number of assessed students: 475						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
31.58	31.79	19.16	11.58	2.74	3.16	0.0
<p>Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Jana Kaťuchová, PhD., MBA, MUDr. Pavol Harbulák, MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Andrej Vrzgula, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, MBA, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Marek Šoltés, PhD., doc. MUDr. Peter Zavacký, PhD., MPH, doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Adrián Kolesár, PhD., MPH, MUDr. Lucia Mistríková, PhD., MUDr. Štefánia Mižáková, PhD., prof. MUDr. František Sabol, PhD., MPH, MBA, doc. MUDr. Tomáš Toporcer, PhD., Ivan Kopolovets, CSc., MUDr. Jana Pobehová, PhD., MUDr. Peter Štefanič, PhD., DBA, MUDr. Lukáš Vaško, PhD., MUDr. Michal Virág, PhD.</p>						
Date of last modification: 07.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/S-DM2/15	Course name: Surgery 2
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: 6.	
Course level: I.II.	
Prerequisites: ChK/S-DM1/16	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: Students will acquire the basics of diagnostics of surgical diseases, they will master principles of preoperative and postoperative care of surgical patients	
Brief outline of the course: General Principles of Diagnostics and healing of fractures. Principles of surgical technique and tissue synthesis in surgery. Principles of blood transfusions in surgery, bleeding and coagulation disorders. Thromboembolic disease and its prevention. Principles of anticoagulant therapy in surgery. Preoperative prepare, perioperative and postoperative care. Postoperative complications, presentation and treatment.	
Recommended literature: Frankovičová, M. et al.: Surgery for medical students. Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-202-4 Frankovičová, M., Kaňuchová J. et al.: Surgery for medical students., second revised edition, Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-581-0	
Course language: English	
Notes:	

Course assessment						
Total number of assessed students: 440						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
32.5	45.91	10.45	5.68	2.05	3.41	0.0
<p>Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Jana Kaťuchová, PhD., MBA, MUDr. Pavol Harbuľák, MUDr. Andrej Vrzgula, PhD., MUDr. Milan Stebnický, PhD., doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Adrián Kolesár, PhD., MPH, MUDr. Lucia Mistríková, PhD., prof. MUDr. František Sabol, PhD., MPH, MBA, doc. MUDr. Tomáš Toporcer, PhD.</p>						
Date of last modification: 07.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/S-DM3/15	Course name: Surgery 3
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: 3	
Recommended semester/trimester of the course: 7.	
Course level: I.II.	
Prerequisites: ChK/S-DM2/15	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: After completion of the subject student acquires fundamental knowledge regarding trauma surgery, management of shock and multiorgan failure, diagnostics and therapy of thermal injuries.	
Brief outline of the course: Injury, prevention of injuries, occupational and nonoccupational injury, categories of injuries, mass injury, disaster. Speciality of military injuries and their management. Open injuries – types of open injuries. Closed injuries – types of closed injuries. Shock, pathogenesis of the shock. Manifestations of the shock, laboratory diagnostic methods, clinical symptoms and therapy. Failure of organs. Fractures and dislocations. First aid. Conservative treatment. Healing of the fractures and its complications. Thermal and cold injuries.	
Recommended literature: Burkitt G.: Essential Surgery Guzanin Š.: Selected chapters of plastic andnreconstr. Surgery	
Course language: English	
Notes:	

Course assessment						
Total number of assessed students: 371						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
28.03	48.25	18.06	1.08	1.35	3.23	0.0
<p>Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, prof. MUDr. Jana Katúchová, PhD., MBA, MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, PhD., MPH, MUDr. Pavol Harbuľák, MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., prof. MUDr. Radoslav Morochovič, PhD., doc. MUDr. Tomáš Toporcer, PhD., MUDr. Andrej Vrzgula, PhD., prof. MUDr. Marek Lacko, PhD., MUDr. Michal Chyla, PhD., doc. MUDr. Ivan Kováč, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Kilík, PhD., MUDr. Peter Lengyel, PhD.</p>						
Date of last modification: 08.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/S-DM4/15	Course name: Surgery 4
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: 3	
Recommended semester/trimester of the course: 8.	
Course level: I.II.	
Prerequisites: ChK/S-DM3/15	
Conditions for course completion: 1. For successful completion of the practical exercises / lectures is required: - To participate at all of practical and theoretical exercises (100%) / lectures (75%) - To get at least 60 % of total score for ongoing review of written test - Two absences are possible needed to be compensated 2. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises / lectures (paragraph 1 above) - The control tests are evaluated on the basis of the achieved number of points (%) - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Part II, Art. 13, Paragraph 4 - The results of ongoing evaluations are included in the final classification	
Learning outcomes: After completion of the subject student acquires fundamental knowledge regarding therapy of surgical diseases of head & neck, abdominal cavity – gallbladder and bile ducts, small & large bowel, masters diagnostics and therapy of acute abdomen.	
Brief outline of the course: Surgery of head and neck. Soft tissue inflammation. Cysts and fistulas of the neck. Goiter – toxic and nontoxic, malignancy of the thyroid gland. Surgery of thorax, surgery of pleura, lung. Surgery of thorax, surgery of esophagus, mediastinum. Surgery of the gall bladder and biliary tree. Surgery of the pancreas. Surgery of abdominal wall – hernia. Surgery of stomach and duodenum. Surgery of the small intestine and colon. Inflammatory diseases and tumors. Surgery of the anus and rectum. Benign and malignant diseases. Acute abdominal conditions- definition of division. Acute abdominal conditions - inflammatory, traumatic, ileus. Acute gastrointestinal bleeding.	
Recommended literature: Burkitt G.: Essential surgery Guzanin Š.: Selected chapters of plastic and reconstr. Surg.	
Course language: English	
Notes:	

Course assessment						
Total number of assessed students: 344						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
29.36	48.55	6.69	4.36	4.94	6.1	0.0
Provides: prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Jana Katúchová, PhD., MBA, MUDr. Róbert Kilík, PhD., MUDr. Pavol Harbuľák, MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Adriana Mougín, MUDr. Michal Chyla, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Marián Kudláč, doc. MUDr. Ivan Kováč, PhD.						
Date of last modification: 08.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Medicine	
Course ID: ChK/S-DM5/15	Course name: Surgery 5
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: 2	
Recommended semester/trimester of the course: 9.	
Course level: I.II.	
Prerequisites: ChK/S-DM4/15	
Conditions for course completion: I. For successful completion of the practical exercises/lectures is required: - To participate at all of practical exercises (100%) and theoretical lectures (75%). - To get at least 60 % of total score for ongoing review of written test - Two absences are allowed, needed to be compensated II. For successful obtained of the credits from subject is necessary: - To gain the credit from practical exercises (paragraph 1 above). - Evaluation: Study rules of procedure UPJŠ in Košice, the Faculty of Medicine, Par II, Art13 - The final classification includes the evaluation of the written test on the last day of classes (min.60%) and the results obtained in practical exercises	
Learning outcomes: The students acquire knowledge of the surgical treatment of diseases of the thoracic and abdominal surgery, including heart disease and blood vessels. The students will be able to use knowledge from the orthopaedic surgery, neurosurgery, urology and trauma surgery.	
Brief outline of the course: Surgery of infection, oncosurgery, Emergency situations in abdominal diseases, Hepatobiliary surgery, Surgery of stomach, small intestine and large intestine. Surgery of the breast, Endocrine diseases in surgery, Cardiovascular surgery, Thoracic Surgery, Traumatology, Orthopedy, Neurosurgery	
Recommended literature: Frankovičová M. et al. Surgery for Medical Students. Equilibria, Košice, 2014. Doherty G.: Current Diagnosis & Treatment Surgery, 13 ed., McGraw-Hill Medical, 2010 Cameron, J.L.. Current surgical therapy. 8.ed., Philadelphia; Elsevier, 2013 Townsend, C.M. et al.: Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice. 19 ed., Elsevier : Toronto, 2012 McLatchie G, Borley N, Chikve J. : Oxford handbook in clinical surgery. 4.ed., Oxford: University Press, 2007	
Course language: English	

Notes:						
Course assessment						
Total number of assessed students: 314						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
24.52	60.83	4.46	2.23	5.41	2.55	0.0
<p>Provides: prof. MUDr. Jana Kat'uchová, PhD., MBA, doc. MUDr. Marek Šoltés, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Peter Štefanič, PhD., DBA, doc. MUDr. Martina Zavacká, PhD., MPH, MBA, doc. MUDr. Miroslav Gajdoš, CSc., MPH, prof. MUDr. Marek Lacko, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Miroslav Kitka, PhD., MUDr. Adriana Mougín, Marián Kudláč, MUDr. Tomáš Hildebrand, PhD.</p>						
Date of last modification: 07.03.2023						
Approved: prof. MUDr. et. MUDr. René Foltán, Ph.D.						