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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Medicine					
Course ID: 1. KAIM/A-ZL/15		Course name: Anaesthesiology and Resuscitation			
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-ZL4/15 and ChK/CH-ZL4/15					
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: FIRMONT J. a kol.: Anestéziológia a intenzívna medicína pre študentov lekárskej fakulty, Vysokoškolská učebnica Lekárskej fakulty UPJŠ v Košiciach, 2020					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 820					
A	B	C	D	E	FX
46.22	31.1	14.39	4.27	3.78	0.24

Provides: MUDr. Judita Capková, PhD., doc. MUDr. Jozef Firment, PhD., doc. MUDr. Jana Šimonová, PhD., MPH, MUDr. Adam Fabian, MUDr. Roman Kysel', MUDr. Lukáš Čuchrač, PhD., MUDr. Ester Tomajková, MUDr. Tomáš Plačintár, MUDr. Vladimír Hudák, 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: ULCHBKB/KB- ZL/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/PF-ZL2/15	
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: 48					
A	B	C	D	E	FX
4.17	22.92	41.67	27.08	4.17	0.0
Provides: MUDr. Eva Ďurovcová, PhD., prof. Ing. Mária Mareková, CSc.					
Date of last modification: 28.02.2023					
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-ZL/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: 8.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: 100% attendance at practical exercises (in the case of excused absence practice, student may substitute up to 2 exercises). Successfully pass the tests to get at least 60% of total score. Compulsary attendance in at least 7 lectures	
Learning outcomes: The student of the subject Dermatovenerology will acquire theoretical and practical knowledge in the field of etiopathogenesis, diagnosis, differential diagnosis, treatment and prevention of the skin diseases and sexually transmitted diseases especially with a focus on diseases affecting the visible mucous membranes, particularly the oral cavity, in children and adults. The student will have the skills to diagnose and treat drug, food and contact allergies to allergens used in dental medicine. The student is able to evaluate and use the acquired knowledge during further study and at the same time apply theoretical knowledge in practice.	
Brief outline of the course: General dermatology, morphology, terminology. Basic investigation in dermatology (investigation methods). Bacterial, viral and fungal infections of the skin and mucous membranes - differential diagnosis. Psoriasis and erythematosquamous diseases. Eczema – endogenous, exogenous, diagnosis, therapy. Drug allergy, food allergy. Facial dermatoses. Manifestations of skin diseases in the oral cavity. Bullous dermatoses. Autoimmune connective tissue diseases. Hair and nail diseases. Chronic venous insufficiency. Non-melanoma skin cancer and malignant melanoma. Venereal diseases. STD. Basics of pharmacotherapy in dermatovenerology	
Recommended literature: Jautová, J. Zásady terapie v dermatológii: vysokoškolská učebnica pre pregraduálne a postgraduálne štúdium. Košice, UPJŠ, 2010, 95s., 2010. Jautová, J. Praktické cvičenia z dermatovenerológie pre poslucháčov zubného lekárstva. Košice, UPJŠ, 2010, 85 s., 2010. Buchvald, J., Buchvald, D. Dermatovenerológia. SAP-Slovak Academic Press, s.r.o., Bratislava, 2002. Vlašín, Z., Jedličková, A. a kol.: Praktická dermatologie v obrazech a schématech. Vladerma, Brno 2001. Braun-Falco, O., Plewig, G., Helmut.H.W.: Dermatológia a venerológia. Vydavateľstvo Osveta,	

<p>Martin, 2001. Šimaljaková, M., Buchvald, D: Dermatovenerológia. Vydavateľstvo UK, Bratislava, 2019 Hercogová, J. et al.: Klinická dermatovenerologie 1. a 2.díl, Mladá fronta, Praha, 2019</p>					
Course language:					
Notes:					
Course assessment					
Total number of assessed students: 788					
A	B	C	D	E	FX
52.54	16.62	14.09	7.36	9.01	0.38
<p>Provides: doc. MUDr. Janette Baloghová, PhD., prof. MUDr. Jagienka Jautová, PhD., MBA, MUDr. Zuzana Baranová, PhD., MUDr. Zuzana Fedáková, MUDr. Anna Rajňáková, MUDr. Gabriela Takáčová, PhD., MBA</p>					
Date of last modification: 20.03.2023					
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/ LFRZCPOTA/16	Course name: Developing Reading and Writing Skills (Specialised Texts) in English Language
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: 3., 5., 7.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Active classroom participation, 2 absences (2x90 min.) tolerated. Test (6th/7th week, 12th/13th week), no retake. Exam - final exam test. Final evaluation = continuous assessment tests (50%), final exam test (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 students' reading and writing skills, students obtain knowledge of selected aspects of functional grammar and specific features of English-written professional/scientific texts, and acquire practical academic writing skills, level B1/B2 according to CERF.	
Brief outline of the course: Organising ideas/text, linking words, cohesion and coherence devices. Paragraph building, writing and essay/scientific paper. Paraphrasing. Reading techniques - skimming, scanning, reading for key terms/ideas, understanding complex sentences.	
Recommended literature: Thaine, C.: Cambridge Academic English Intermediate. CUP, 2012. McCarthy, M., O'Dell, F.: Academic Vocabulary in Use, Cambridge University Press, 2008. Štěpánek, L., J. De Haff a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s. 2011. Armer, T.: Cambridge English for Scientists. Cambridge University Press, 2011. Bailey, S.: Academic Writing. A Handbook for International Students. Routledge, 2011. Swales, J. M., Feak, Ch. B.: Academic Writing for Graduate Students. University of Michigan Press, 2004.	
Course language: English language, level B2 according to CEFR.	
Notes:	

Course assessment					
Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 11.03.2022					
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/ LFKZAZ1/16	Course name: English Language Communication Skills for Dental Practice 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: 2	
Recommended semester/trimester of the course: 5., 7.	
Course level: I.II.	
Prerequisites: CJP/LFAJZ/09	
Conditions for course completion: Active participation, 2 absences (2x90 min.) tolerated. Tests (6th/7th week, 12th/13th week), no retake. Minipresentation. Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 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 listening and speaking skills and of the students' communicative competence focusing on the professional terminology and communication, dentist-patient communication etc., level B2 according to CERF.	
Brief outline of the course: Dentist-patient/dentist-dentist communication focused on the following areas: Dental radiology and radiography. Xerotomia and halitosis. Toothwear: erosion, abrasion, attrition. Dental caries. Preventive dentistry. Fluoridation and ozone therapy. Toothache and analgesia. Anaesthesia in dentistry. Restorative materials: amalgam, composites. Selected aspects of functional grammar (argumenting, classifying, expressing cause/effect, opinion, similarity/difference).	
Recommended literature: Kinga Studzinska-Pasieka, Marcin Otto: Open Your English Wider! English for dental professionals. Bestom DENTOnet.pl SP. z o.o., 2011. Tatjana Dostálová, Michaela Seydlová: Dentistry and Oral Diseases for Medical Students. Grada Publishing, 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: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 11.03.2022					
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/ LFKZAZ2/16	Course name: English 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: 6., 8.	
Course level: I.II.	
Prerequisites: CJP/LFKZAZ1/16	
Conditions for course completion: Active participation (2x90 min. absences tolerated). Tests (6th/76th week, 12th/13th week), no retake. Minipresentation. Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 50%. Grading scale: A 93-100 % , B 85-92 % , C 77-84 % , D 69-76 % , E 60-68 % , FX 59% and less. VARIANT A	
Learning outcomes: The development of listening and speaking skills and of the students' communicative competence focusing on the professional terminology and communication, dentist-patient communication etc., level B2 according to CERF.	
Brief outline of the course: Dentist-patient/dentist-dentist communication focused on the following areas: Cosmetic dentistry. Periodonal diseases. Endodontics. Dental trauma. Extractions. Orthodontics. Prosthodontics - indirect restorations. Forensic odontology. Gingival fibromatosis - a case report. Ethical and legal responsibilities of the dentist. Selected aspects of functional grammar (expressing opinion, function, advice, recommendation, instruction).	
Recommended literature: Kinga Studzinska-Pasieka, Marcin Otto: Open Your English Wider! English for dental professionals. Bestom DENTOnet.pl SP. z o.o., 2011.	

Tatjana Dostálová, Michaela Seydlová: Dentistry and Oral Diseases for Medical Students. Grada Publishing, 2010.

Course language:

English language, level B2 according to the CEFR.

Notes:

Course assessment

Total number of assessed students: 0

A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0

Provides: Mgr. Zuzana Kolaříková, PhD.

Date of last modification: 11.03.2022

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/ LFAJZ/09	Course name: English Language for Dental Medicine
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: Active participation (2x90 min. absences tolerated) 2 tests (6th/7th week, 12th/13th week), no retake. Oral presentation (pass/fail evaluation). E-course (lms.upjs.sk). Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 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 students' language skills - reading, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students acquire skills for effective and purposeful communication, with focus on Academic English and English for specific/professional purposes - Dental Medicine, level B2.	
Brief outline of the course: P.J.Šafárik University. History of dentistry. Dental specialties. Anatomy of the oral cavity, human dentition, dentition types, anomalies. Toothache. Carries and dental disease. Gum disease. Dental practice - dental unit, equipment, instruments. Oral hygiene. Selected aspects of functional grammar - defining, classifying, expressing opinion, expressing function/role. Presentation skills - sign-posting language, structure of presentation, discussion participation, etc.	
Recommended literature: Glendinning, E. H., Howard,R. : Professional English in Use – Medicine, CUP, 2007. Studzińska-Pasieka, K., Otto, M.: Open your English wider. English for dental professionals. Bestom DENTOnet.pl, Poland, 2011.	

Dostálová, T., Seydlová, M.: Dentistry and Oral Disease for Medical Students. Grada Publishing, a.s., 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: 649					
A	B	C	D	E	FX
30.2	21.42	18.03	13.87	12.63	3.85
Provides: Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 17.09.2025					
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: USL/ SLMP-ZL/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-ZL2/19 and UA/A-ZL2/15	
Conditions for course completion: Attendance on lectures and seminars to the specified extent, successful completion of a credit test and oral exam.	
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 forensic medicine. History of forensic medicine. Role and concept of forensic medicine in Slovakia. Health Care Surveillance Authority. Medico-Legal and Pathological-Anatomical Departments of HCSA. Forensic medicine and legal authorities. Expert activity in relation to Criminal Law. Act No. 576/2004 Coll. on health care – procedures to be followed in case of death. Act No. 581/2004 Coll. on health insurance companies, healthcare supervision – examination of the dead body, autopsy. Types of autopsies. Autopsy procedure. Collection of biological material during the autopsy. Imaging methods in forensic medicine. Neonatal autopsy. Medicolegal death investigation. Estimation of the time of death. Postmortem changes. Supravital and vital reactions. Manner of death. Identification of the living and the dead. Forensic dentistry. Identity of decomposed or skeletalised remains. Identification in mass disasters. Exhumation. Visit to the autopsy room – documentation required for the autopsy, autopsy diagnosis, autopsy report, examination of oral cavity. Natural (non-violent) death in adults. Natural (non-violent) death in children. Sudden infant death syndrome. Violent death in children. Child abuse and neglect. Killing of a newborn baby by the mother. Pregnancy and childbirth. Sexual offenses. Violent death. Mechanical injuries. Examination of wounds. Blunt and sharp force injuries. Regional injuries. Craniocerebral trauma. 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. 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. Health care regulations. Status and role of a doctor in legal system of SR. Legal responsibility of the doctor. Medical errors. Iatrogenic damage. Expert activity in medical profession (Act No. 437/2004 Coll.). Forensic expert activity. Forensic medical examination of the living persons. Compensation for pain and deteriorated social and work capacity (Act No. 382/2004 Coll.).

Recommended literature:

FARKAŠOVÁ IANNACCONE, S. Atlas súdneho lekárstva: Pitevné nálezy pri násilných a nenásilných úmrtiach. UPJŠ: ŠafárikPress, 2025.
KOVÁČ, P. a kol. Súdne lekárstvo. Bratislava: Wolters Kluwer SR s.r.o., 2025.
PILIN, A. a kol. Soudní lékařství. Praha: Nakladatelství Karolinum, 2022.
HIRT, M., VOREL, F. a kol. Soudní lékařství I. díl. Praha: Grada Publishing, a. s., 2015.
HIRT, M., VOREL, F. a kol. Soudní lékařství II. díl. Praha: Grada Publishing, a. s., 2016.
ŠTEFAN, J., HLADÍK, J. a kol. Soudní lékařství a jeho moderní trendy. Praha: Grada Publishing, a. s., 2012.
LONGAUER, F., BOBROV, N. a IANNACCONE, S. Súdne lekárstvo pre študentov práva. Košice: UPJŠ v Košiciach, 2002.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 832

A	B	C	D	E	FX
88.82	9.74	1.08	0.12	0.0	0.24

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/ZV/24	Course name: Foundations 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: 3., 5., 7., 9., 11.	
Course level: I.II., 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: 43						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	83.72	0.0	0.0	0.0	0.0	16.28
Provides:						
Date of last modification: 03.09.2025						
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-ZL/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-ZL2/15	
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: Ševčíková, L. a kol. Hygiena. Bratislava: UK, 2006.328 s. ISBN 80-223-2103-6.	

Holéczyová, G., Čipáková, A., Dietzová, Z. Hygiena životného prostredia. Košice, 2011, 202s. ISBN 978-80-7097-892-4.

Rimárová K.: Vybrané kapitoly z hygieny - environmentálnej medicíny. Košice, Elfa 2008. 251 s. ISBN 9788080860905.

Diabelková, J. Stručný online prehľad základných pojmov a skratiek v Hygiene a vo Verejnom zdravotníctve: [elektronický zdroj]. Vysokoškolský učebný text. 1. vyd. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2020. 172 s. Dostupné na: <https://unibook.upjs.sk/img/cms/2020/lf/strucny-online-prehľad-skratiek.pdf>. ISBN 9788081529436.

Bakoss P. a kol.: Epidemiológia. Bratislava. 2014. 520 s.

Bazovská S. a kol.: Špeciálna epidemiológia. Bratislava. 2017, 337 s.

Čisláková L. a kol.: Epidemiológia vybraných nákaz. LF UPJŠ, Košice 2001, 263 s.

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 462

A	B	C	D	E	FX
24.03	37.66	31.17	6.71	0.43	0.0

Provides: prof. MUDr. Erik Dorko, PhD., MPH, MBA, MUDr. Ingrid Babinská, PhD., MPH, Mgr. Jana Diabelková, PhD., MVDr. Veronika Bednárová, PhD., prof. MVDr. Monika Halánová, PhD., MVDr. Zlatana Sulínová, PhD., Mgr. Simona Miškárová, MVDr. Martina Hrubovčák Tejová

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-ZL/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: 7.	
Course level: I.II.	
Prerequisites: IK/IM-ZL2/15	
Conditions for course completion: CP - Conditions for passing the subject: Successful completion of practical lessons/seminars requires: - Mandatory 90% participation in practical lessons, theoretical and methodical mastery of practical tasks. - For serious reasons - after documentation - it is possible to excuse a maximum of 1 practical lesson - II. To successfully complete the subject and obtain credits, the following is necessary: - Successful completion of practical lessons/seminars. - Successful completion of the written examination at the end of the semester, obtaining at least 70% points. - Final exam: oral - The final assessment takes into account the results of the written and final exam.	
Learning outcomes: ER - Education results: By completing the subject, the student will gain knowledge about the causes of infectious diseases, the ways of their transmission, and acquire practical skills in how to diagnose individual infectious diseases, how to treat them, and how to prevent their spread.	
Brief outline of the course: CC - Course contents: Nature of infectious diseases, principles of diagnosis. Anti-infective therapy. Viral hepatitis. Respiratory infections, COVID-19. Neuroinfections. HIV/AIDS. Oral cavity infections. Differential diagnosis of febrile conditions. The risk of transmission of infectious diseases during dental procedures and their prevention. Correct use of PPE.	
Recommended literature: L - Recommended literature: Bálint O. a kol.: Infektológia a antiinfekčná terapia. 2.prepracované vydanie. Bratislava, Osveta 2007 Havlík, J. a spolupracovníci: Průručka infekčních a parazitárních nemocí, Avicenum. Praha 198 BÁLINT O. a kol.: Infektológia a antiinfekčná terapia. 2. vydanie. Osveta 2007, Martin. 587 s. ISBN: 8080632227. – dostupné v knižnici LF ROZSYPAL, Hanuš. Základy infekčního lékařství. 1. vydání. Praha : Karolinum, 2015. 566 s. ISBN 978-80-246-2932-2. – elektronická verzia dostupná v knižnici LF, cez ProQuest Ebook Central. https://ebookcentral.proquest.com/auth/lib/upjs-ebooks/login.action?returnURL=https%3A%2F%2Febookcentral.proquest.com%2Flib%2Fupjs-ebooks%2Fdetail.action%3FdocID	

%3D4395911%26query%3D Beneš Jiří a kol., Infekční lékařství. Vydavatel'stvo: Galén, Praha, 2009 <https://www.upjs.sk/public/media/22885/Navod.pdf>

Course language:

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

Notes:

Course assessment

Total number of assessed students: 831

A	B	C	D	E	FX
61.85	21.06	10.23	2.89	3.85	0.12

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

Date of last modification: 20.03.2023

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-SS-ZL/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-ZL5/15	
Conditions for course completion: Obtaining the minimum number of credits for compulsory and compulsory optional subjects in the composition prescribed 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, thrombocytopathy. 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: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL.,Jameson JL. et al.: Harrison´s principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008 Macejová Ž., Aljubouri A : Selected rheumatology topics for medical students, Academic text book 2019 Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftizeologie https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologie-a-ftizeologie	

Course language: slovak					
Notes:					
Course assessment Total number of assessed students: 829					
A	B	C	D	E	FX
21.23	28.83	24.97	13.87	10.74	0.36
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-ZL1/16	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/LF-ZL2/15	
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: Lazúrová, Valočiková a kol. : Interná propedeutika, Vydavateľstvo OSVETA 2014 Hrušovský a kol. : Internistická propedeutika, HERBA 2012 Chrobák L., a kol.: Propedeutika vnútorného lekárství. Grada Avicenum 1997 Marek : Propedeutika internej medicíny Takáč M., a kol Propedeutika vnútorného lekárstva. Osveta, 1988 Mitro, P.: Základy elektrokardiografie, UPJŠ 2003	
Course language: slovak	
Notes:	

The subject Internal Medicine 1 is provided only in the winter term.

Course assessment

Total number of assessed students: 834

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.92	34.17	9.11	3.72	0.48	0.36	0.24

Provides: doc. MUDr. Marian Sninčák, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Peter Mitro, DrSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Jozef Gonsorčík, CSc., MUDr. Marek Varga, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Stanislav Juhás, CSc., MUDr. Jarmila Tomčová, MUDr. Mikuláš Huňavý, PhD., MUDr. Samuel Štellmach, doc. MUDr. Slavomír Perečinský, PhD., MUDr. Kristína Polovková, MUDr. Zuzana Diničová, MUDr. Ivana Gotthardová, PhD., MUDr. Tomáš Kišidaj, MUDr. Natália Dzurovčinová

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-ZL2/15	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-ZL1/16	
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: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Mitro P., Valočík G : Vyšetrovacie metódy v kardiológii, EQUILIBRIA 2009 Sninčák : Artériová hypertenzia v staršom veku Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftizeologie https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologia-ftizeologie	

Mitro, P.: Základy elektrokardiografie, UPJŠ 2003						
Course language: slovak						
Notes: The course Internal Medicine 2 is provided only in the summer term.						
Course assessment Total number of assessed students: 791						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.36	32.49	7.71	3.41	1.14	0.88	0.0
Provides: doc. MUDr. Viola Vargová, PhD., prof. MUDr. Želmíra Macejová, PhD., MPH, doc. MUDr. Jozef Gonsorčík, CSc., prof. MUDr. Ľubomír Legáth, PhD., MUDr. Jarmila Tomčová, MUDr. Tomáš Guman, PhD., MBA, doc. MUDr. Pavol Joppa, PhD., doc. MUDr. Slavomír Perečinský, PhD., doc. MUDr. Martin Janičko, PhD., MUDr. Ivana Gotthardová, PhD., MUDr. Lenka Rušinová, MUDr. Anna Ťrgeová, PhD.						
Date of last modification: 13.03.2023						
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-ZL3/15	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-ZL2/15	
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: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Česka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008	

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:

slovak language

Notes:

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

Course assessment

Total number of assessed students: 831

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.11	29.0	9.15	7.22	1.93	0.48	0.12

Provides: prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Jozef Pella, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Pavol Joppa, PhD., MUDr. Alojz Rajnič, PhD., doc. MUDr. Mária Rašiová, PhD., MUDr. Ivana Paraničová, PhD., MUDr. Barbora Pavlovič Bačkorová, MUDr. Anna Ürgeová, PhD., MUDr. Zuzana Diničová

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-ZL4/15	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-ZL3/15	
Conditions for course completion: I. The following are required for successful completion of the practical exercises/seminars: - 100% participation in practical exercises, theoretical and practical performance of all exercises - Obtaining at least 60 % of the total score in the form of a test and theoretical preparation for the practical exercises/seminars. - 2 excused absences allowed II. The following are required for successful completion of the course and to receive credits: - Successful completion of the practical exercises/seminars, with the possibility of practical exercises in the Simulator Training Centre - Control tests are evaluated on the basis of the number of points achieved (%) with evaluation according to the Study Regulations of the UPJŠ in Košice, Faculty of Medicine Part II, Article 13, paragraph 4 - The final evaluation takes into account the results of the intermediate evaluation	
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. Diseases of the liver, gallbladder and pancreas and possible dental manifestations. Inflammatory and tumor diseases of small and large bowel. Diseases of the thyroid gland and parathyroid glands with subjective and objective dental manifestations. 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: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001 Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008	

Course language: slovak						
Notes: The course Internal Medicine 4 is provided only in the summer term.						
Course assessment Total number of assessed students: 787						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.62	30.75	9.02	3.56	2.03	1.02	0.0
Provides: prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Anna Ťrgeová, PhD., MUDr. Alena Yaluri, PhD., MUDr. Barbora Pavlovič Bačkorová, doc. MUDr. Miriam Kozárová, PhD., MPH, MUDr. Samuel Štellmach, doc. MUDr. Viola Vargová, PhD., doc. MUDr. Martin Janičko, PhD., MUDr. Katarína Tokarčíková, PhD.						
Date of last modification: 15.03.2023						
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-ZL5/15	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-ZL4/15	
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: Acute cardiology. Shock and syncope. Fever and subfebrility. Focal infection and sepsis. Disorders of the electrolyte metabolism. Treatment with glucocorticoids. Acute states in endocrinology. 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. 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: Kiňová S, Hulín I a kol. : Interná medicína, ProLitera 2013 Klener P.: Vnitřní lékařství, GALÉN 2012 Češka R a kol : Interna 3. vydanie, 3 zväzky, TRITON 2020 Ďuriš I., Hulín I., Bernadič M. et al Princípy internej medicíny, 2001, vydavateľstvo SAP 2001	

Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 17th edition, 2008, The McGraw-Hill Companies, Inc. 2008
Macejová Ž., Aljubouri A : Selected rheumatology topics for medical students, Academic text book 2019
Joppa P. a kol.: Vybrané kapitoly z pneumológie a ftizeologie <https://unibook.upjs.sk/sk/lekarska-fakulta/970-vybrane-kapitoly-z-pneumologie-a-ftizeologie>

Course language:

slovak

Notes:

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

Course assessment

Total number of assessed students: 818

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.51	36.31	6.97	5.13	1.47	0.61	0.0

Provides: doc. MUDr. Martin Janičko, PhD., prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Eduard Veseliny, PhD., doc. MUDr. Miriam Kozárová, PhD., MPH, prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Želmíra Macejová, PhD., MPH, prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Peter Mitro, DrSc., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Tomáš Guman, PhD., MBA, MUDr. Ivana Gotthardová, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Samuel Šikra, MUDr. Samuel Štellmach, MUDr. Barbora Pavlovič Bačkorová

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/ LFMKAZ/09		Course name: Medical Communication in English for Dental Medicine			
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: 4., 6., 8.					
Course level: I.II.					
Prerequisites:					
Conditions for course completion: Active classroom participation, 1 absence (2x45min.) tolerated Test (5th/6th week), mini-presentation. Students must obtain 60% in continuous assessment to be eligible for the final exam registration. Exam - final exam test Final evaluation = continuous assessment results - 50% , final exam test result - 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 students' language skills (reading, listening, speaking), improvement of their communicative linguistic competence (fonological, lexical and syntactic aspects), and pragmatic competence with focus on English for specific/professional purposes - Dental medicine, level B2.					
Brief outline of the course:					
Recommended literature: Glendinning, E.H., Howard, R.: Professional English in Use – Medicine, CUP, 2007. Glendinning, E., Holmstrom, B.: English in Medicine. Cambridge University Press, 1998. Studzinska-Pasieka, K., Otto M.: Open your English wider. Bestom DENTOnet.pl. SP.z o.o., 2011. Dostálová, T., Seydlová, M.: Dentistry and Oral Diseases for Medical Students. Grada Publishing, 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: 102					
A	B	C	D	E	FX
50.98	14.71	20.59	5.88	5.88	1.96

Provides: Mgr. Zuzana Kolaříková, PhD.
Date of last modification: 11.03.2022
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: KKF/ LTM/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:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 4853					
A	B	C	D	E	FX
13.74	27.06	25.61	18.87	13.97	0.74
Provides: prof. PhDr. František Šimon, CSc., doc. Mgr. Erika Brodňanská, PhD., Mgr. Bc. Dagmar Kušnírová					
Date of last modification: 21.09.2025					
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: ULM/ M-ZL2/15		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-ZL1/22					
Conditions for course completion: test 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:					
Notes:					
Course assessment Total number of assessed students: 875					
A	B	C	D	E	FX
27.89	15.77	19.09	12.91	18.86	5.49
Provides: Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MVDr. Vladimír Hrabovský, PhD., MUDr. Marián Marcin, Ing. Viera Lovayová, PhD., doc. RNDr. Katarína Čurová, PhD., RNDr. Marián Sabol, CSc.					
Date of last modification: 31.03.2023					
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: NLK/ NL-ZL/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-ZL2/15	
Conditions for course completion: 1. 100 % active participation in practical exercises, in the case of absence, may substitute up to 3 exercises per semester 2. Successful completion of the test, evaluation A – E (possibility to repeat the test 2 times). 3. The condition for passing Neurology is successful completion of oral exam in regular term or 1st or 2nd repeat exam.	
Learning outcomes: The graduate will become familiar with neurological diseases, learn to take an anamnesis and establish a basic diagnosis of the disease. The graduate will learn to assess the relationship of these diseases with diseases of the orofacial area. The graduate is familiar with auxiliary investigative methods such as X-ray, CT, USG, MRI.	
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 –menin gitis, 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.: Základy neurologického vyšetrenia pre študentov všeobecného lekárstva. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2010. 136s. ISBN 978-80-7097-801-6 (brož.).					
Szilasiová J.: Vybrané kapitoly zo špeciálnej neurológie pre študentov zubného lekárstva. Košice: Univerzita Pavla Jozefa Šafárika v Košiciach, 2011. 234 s. ISBN 978-80-7097-869-6 (brož.).					
Gdovinová Z., Szilasiová J. Handbook of general neurology for dentistry / Zuzana Gdovinová, Jarmila Szilasiová. - vyd. - Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. - 139 s. - recenzované.. - ISBN 9788089346189.					
Complementary literature:					
Gdovinová Z., Szilasiová J., Feketeová E., Tormašiová M., Škorvánek M., Leško N, Paveleková P. Vybrané kapitoly zo špeciálnej neurológie. 2. Vydanie. UPJŠ v Košiciach, Equilibria, 2021. ISBN 978-80-574-0017-2					
Ružička E., Šonka K., Marusič P., Rusina R a kol. Neurologie, Triton, Praha, 2019, ISBN 978-80-7553-681-5.					
Course language:					
slovak language					
Notes:					
Course assessment					
Total number of assessed students: 838					
A	B	C	D	E	FX
49.28	20.17	15.51	6.68	7.04	1.31
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 Mareta, 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: IK/ PMV-ZL/16		Course name: Nutritional metabolism disorders				
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: active participation in the exercises, final test of at least 50%						
Learning outcomes: classified credit						
Brief outline of the course: The course Disorders of Metabolism and Nutrition deals comprehensively with the basic disorders of metabolism and nutrition encountered in clinical practice. It is suitable for students interested in dietetics, diabetology and endocrinology with overlap into other specialties of internal medicine and critical care medicine.						
Recommended literature: 1. Miriam Kozárová: Novinky v diabetológii a lipidológii, ŠafárikPress, 2020 https://unibook.upjs.sk/sk/diabetologia/1437-novinky-v-diabetologii-a-lipidologii 2. Ingrid Dravecká: Vyšetrovacie metódy v diabetológii ŠafárikPress, 2015 https://unibook.upjs.sk/sk/medicina/119-vysetrovacie-metody-v-diabetologii-300843 3. Lucia Dimunová: Dietológia a liečebná výživa I. ŠafárikPress, 2018 https://unibook.upjs.sk/sk/lekarska-fakulta/1072-dietologia-a-liecebna-vyziva-i						
Course language: slovak						
Notes:						
Course assessment Total number of assessed students: 2						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	100.0	0.0	0.0	0.0	0.0	0.0
Provides:						
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: OK/OL-ZL/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/CH-ZL2/15					
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: Oláh, Z. a kol. : Očné lekárstvo, Osveta, 1996, Gerinec, A.: Detská oftalmológia, Osveta, 2005					
Course language: slovak language					
Notes:					
Course assessment Total number of assessed students: 720					
A	B	C	D	E	FX
76.81	10.97	6.81	3.19	1.94	0.28
Provides: MUDr. Marek Horňák, MPH, MUDr. Miriama Skirková, PhD., MUDr. Monika Moravská, MUDr. Paulína Hribová, MUDr. Jozef Szilasi, MUDr. Simona Knížová					
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: KORLaF/ORL- ZL/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/CH-ZL2/15					
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, pharynx and larynx, 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 Koval' J., : Nervus facialis					
Course language: slovak language					
Notes:					
Course assessment Total number of assessed students: 794					
A	B	C	D	E	FX
33.88	29.72	21.03	11.08	4.28	0.0
Provides: prof. MUDr. Juraj Koval', CSc., MPH, MUDr. Michal Molčan, CSc., MUDr. Tímea Košťálová					
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: KDaD/ PE-ZL/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-ZL2/15	
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: Kovács, L. a kol: Pediatria, ARETA, 2010 Vargová, V. a kol: Vybrané kapitoly z pediatrie, UPJŠ Košice, 2012	

Bláhová, K. a kol: Preklinická pediatrie, Galén, 2019 Lebl, J. a kol: Klinická pediatrie, Galén, 2014					
Course language: Slovak language					
Notes:					
Course assessment Total number of assessed students: 831					
A	B	C	D	E	FX
33.57	32.25	19.01	9.99	4.81	0.36
Provides: MUDr. Juliana Ferenczová, PhD., doc. MUDr. Milan Kuchta, CSc., doc. MUDr. Veronika Vargová, PhD., MUDr. Miroslava Petrášová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňaková, 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-ZL1/19	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-ZL2/15 and UHE/HE-ZL2/24	
Conditions for course completion: 2 Tests and Colloquium	
Learning outcomes: The graduate acquires important knowledge in the field of general and special pathology. The graduate acquires knowledge in the pathology of blood vessels, heart, respiratory system, gastrointestinal system, urinary system, genitourinary system, central and peripheral system, pathology of bones, joints and soft parts.	
Brief outline of the course: Introduction to general pathology. Pathology as a part of medicine and medical practice. Cell adaptation, cell damage and cell death. Brief information: environmental pathology and nutritional disorders. Acute and chronic inflammation. Brief information: regeneration, healing and fibrosis. Circulatory disorders, thromboembolic disease and shock. Principles of heart failure, morphology of circulatory failure. Brief information: Innate and acquired immunity, immunopathological processes. Oncopathology. Brief information: genetic disorders. Introduction to special (systemic) pathology. Pathology of the blood vessels and heart. Erythrocyte disorders and haemorrhagic conditions. White blood cell disorders, lymph node diseases, spleen and team. Pathology of the respiratory system. Pathology of the gastrointestinal system (orofacial pathology forms the syllabus in the summer term). Pathology of the liver, biliary tract and pancreas. Pathology of the urinary system. Brief outline of dermatopathology. Pathology of the female and male reproductive system. Brief outline of pathology of the mammary gland and pregnancy. Pathology of the endocrine system. Brief outline of the pathology of bones, joints and soft parts. Pathology of the central and peripheral nervous system. Brief outline of the pathology of muscles. Reserve.	
Recommended literature: Jurkovič, I., Šimko, M. Patologická anatómia pre stomatológov I., II., UPJŠ Košice, 1985 Liška, K. Orofaciální patologie. Praha : Avicenum, 1983 Zaviačič a kol.: Kompendium patológie, 1. diel, Všeobecná patológia a onkopatológia, UK Bratislava, 2002 Zaviačič a kol.: Kompendium patológie, 2. diel, Špeciálna patológia, UK Bratislava, 2002 Miřejovský P., Bednář B.: Obecná patologie, Karolinum, Praha, 1994	

Kolektiv autorů: Speciální patologie, Patologie oběhového, krevního, mízního a dýchacího ústrojí, Karolinum, Praha, 1995
 Kolektiv autorů: Speciální patologie, II. díl, Karolinum, Praha, 1997
 Kolektiv autorů: Speciální patologie, III. Díl, Karolinum, Praha, 1999
 Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005
 Brozman, M., Ondruš, B.: Úvod do histopatologie, Osveta, Martin, 1976
 Böör,A.,Jurkovič,I., Benický,M. and Havierová,Z.: Practical lessons in histopathology and methods in pathology, UPJŠ Košice, 2004

Course language:

slovak language

Notes:

Course assessment

Total number of assessed students: 829

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.75	0.24	7.36	14.6	16.16	9.77	0.12

Provides: MVDr. Pavel Kočan, 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: UP/PA-ZL2/19	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-ZL1/19	
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: Patológia hemopoetického aparátu, patológia tráviacieho traktu, zubný kaz, pulpitída, apikálna periodontitída, rezorpcia a hypercementóza, patológia pečene, žlčníka a pankreasu, chronické poškodenia zubov nesúvisiace so zubným kazom, uropatológia, gingivitída a periodontitída, patológia ovárií a maternice, cysty čeľustí a mäkkých orofaciálnych tkanív, patológia gravidity, šestonedelia a mliečnej žľazy, odontogénne nádory a nádorom podobné zmeny v čeľustiach, patológia endokrinných žliaz, neodontogénne nádory čeľustí a rakovina v ústnej dutine, genetické, nemetabolické a iné nenádorové poruchy kostí, patológia pohybového aparátu, ochorenia temporomandibulárneho zhybu, patológia CNS, ochorenia slinných žliaz, dermatopatológia, ochorenia sliznice úst: stomatitídy, patológia novorodenca, ochorenia dutiny ústnej u novorodencov a detí, benígne chronické škrvny na ústnej sliznici	
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: EN – Slovak language	
Notes:	

Course assessment					
Total number of assessed students: 800					
A	B	C	D	E	FX
32.0	16.75	18.63	13.75	16.38	2.5
Provides: MVDr. Pavel Kočan, PhD.					
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: UPF/ PF-ZL1/15	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/LF-ZL2/15	
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: The graduate acquires knowledge of the basic concepts of pathological physiology, health, disease and risk factors. Acquires knowledge in the field of physical, chemical, radiation causes of diseases, metabolic disorders, nutritional disorders, but also the role of immune factors and the immune system and its relationship to oral health.	
Brief outline of the course: 1.Health and disease, pathological states and processes, outcomes of diseases, symptopmatology and syndromology 2.Etiology of the systemic diseases: genetic factors (genomic, chromosomal mutations & non-Mendelian inheritance), physical damage (burning injury, hypo-/hyperthermia), chemical and biological damage 3. Etiology of the dentition and oral cavity disorders – thermal, mechanical and chemical damage, oral microbial milieu 4.Nutritional factors (malnutrition, obesity), metabolic disorders, Nutrition and dentition – avitaminoses, caries Calcium and phosphate deficiencies, Trace elements, Disorders of water, electrolytes and acid-base balance 5.Acute and chronic inflammation, fever, multiple organ dysfunction, systemic stress- maladaptation, hypoxic- ischaemic damage, Allergies, autoimmunity and immunodeficiency manifestations in oral cavity - Carcinogenesis, systemic manifestation, diagnostics, common tumors in the oral cavity 6.Disorders of consciousness, pre-coma, coma, brain death, terminal states & illness	
Recommended literature: Beňačka R. Všeobecná patofyziológia: mechanizmy vzniku chorôb. ŠafárikPress, 2021.Košice,484 s. Rácz O. a kol.: Základy patologickej fyziológie. Aprilla s. r. o., Košice, 2006 Nečas E. a kol.: Obecná patologická fyziologie. Karolinum Praha, 2002 Nečas E. a kol.: Patologická fyziologie orgánových systémů I, II. Karolinum Praha Hulín I. a kol.: Patofyziológia. Slovak Academic Press Bratislava, 2009, 7. vyd.	

Rokyta R. a kol.: Fyziologie a patologická fyziologie, Grada Publishing, 2015						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 836						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.91	4.19	22.01	17.46	3.83	0.36	0.24
Provides: doc. MUDr. Roman Beňačka, CSc., MVDr. Eva Lovásová, PhD., doc. MUDr. Oliver Rácz, CSc., MUDr. Eva Sedláková, PhD., MUDr. Marek Brenišin, PhD., MVDr. Jaroslava Nováková, PhD., RNDr. Daniela Szabóová, PhD., MUDr. Lenka Šalamonová Blichová, PhD., MVDr. Petra Valenčinová, PhD.						
Date of last modification: 24.03.2023						
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/ PF-ZL2/15	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/PF-ZL1/15	
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: The graduate acquires knowledge in the field of pathogenesis and clinical course of diseases with an emphasis on the specifics of dental medicine - diseases of the oral cavity as a manifestation of other diseases of the body.	
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: Beňačka R a kol.: Všeobecná patofyziológia: mechanizmy vzniku chorôb. ŠafárikPress, Košice 2021, 484s. Rác O. a kol.: Základy patologickej fyziológie. Aprilla s. r. o., Košice, 2006 Nečas E. a kol.: Obecná patologiccká fyziologie. Karolinum Praha, 2002 Nečas E. a kol.: Patologická fyziologie orgánových systémů I, II. Karolinum Praha, 2003 Hulín I. a kol.: Patofyziológia. Slovak Academic Press Bratislava, 2009, 7. vyd. Rokyta R. a kol.: Fyziologie a patologicka fyziologie, Grada Publishing, 2015	
Course language:	

Notes:					
Course assessment					
Total number of assessed students: 803					
A	B	C	D	E	FX
22.67	27.4	21.79	15.57	9.84	2.74
Provides: doc. MUDr. Roman Beňačka, 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., MVDr. Petra Valenčinová, PhD.					
Date of last modification: 24.03.2023					
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/ FA-ZL1/15		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/LF-ZL2/15						
Conditions for course completion: test obtaining credits						
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: Prescribing of drugs in different dosage forms , basics of general pharmacology (pharmacokinetics, pharmacodynamics), factors influencing the drug effect related to the drug and the organism; routes of administration. Special pharmacology: parasympatricotropic and sympathicotropic agents; myorelaxants and ganglioplegics. CNS-affecting substances -psychopharmaceuticals, hypnosedatives, antiepileptics, antiparkinsonics. General anaesthetics, premedication before general anaesthesia; pain relievers - opioid analgesics, analgesics - antipyretics, antiphlogistic agents, local anaesthetics.						
Recommended literature: Kohút A., Mirossay L.: Všeobecné základy účinku liečiv, Vyd. Michala Vaška, 1999 Mojžiš J., Kohút A., Mirossay L.: Základy farmakológie, Vydavateľstvo Michala Vaška, 2000 Mirossay, Mojžiš a kol. Základná farmakológia a farmakoterapia, druhé vydanie. Equilibria, 2021						
Course language: slovak language						
Notes:						
Course assessment Total number of assessed students: 834						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
71.7	11.75	11.75	3.6	0.72	0.24	0.24

Provides: prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Mirossay, DrSc., doc. MVDr. Martina Zigová, PhD., Mgr. Viktória Medvecová, Mgr. Viktória Miškufová, Mgr. Jana Sabová, Mgr. Annamária Ferčáková, Mgr. Beáta Lešková, PharmDr. Radka Michalková, PhD., RNDr. Simona Žiláková

Date of last modification: 24.03.2023

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/ FA-ZL2/16		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/FA-ZL1/15					
Conditions for course completion: test skúška					
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. Antiprotozoal and anthelmintic drugs. Antibiotics in dental practise. 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:					
Notes:					
Course assessment Total number of assessed students: 864					
A	B	C	D	E	FX
16.9	19.91	23.15	15.74	19.91	4.4
Provides: prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Miroššay, DrSc., RNDr. Andrej Miroššay, PhD., PharmDr. Radka Michalková, PhD., RNDr. Simona Žiláková					

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/F-ZL/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-ZL2/19 and UPF/PF-ZL2/15	
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 knows the basics of functional myoskeletal examination in the orofacial system, is able to practically apply neuromuscular and mobilization techniques in the field, knows the mechanisms of action of physiotherapeutic procedures and the basics of the application of methodologies.	
Brief outline of the course: Modern aspects of physiotherapy and complex rehabilitation. Definition and distribution of physical therapy resources. Effects, indications, contraindications. Examination of the patient and assessment of functions for the purpose of rehabilitation treatment . Movement therapy, mechanotherapy, electrotherapy, phototherapy, thermotherapy. Principles of soft and mobilization techniques Physiotherapeutic agents by type of energy used and therapeutic objectives. Mobilization and soft techniques in the orofacial area. Fundamentals of kinesiology of the temporomandibular joint, temporomandibular joint and cervicocranial transition Postisometric relaxation in the orofacial area . Application of neurophysiological methodologies Rehabilitation of complications after tooth extraction. Rehabilitation in orofacial traumatology Rehabilitation in soft tissue injuries of the orofacial area Basic principles and procedures of rehabilitation. Rehabilitation in injuries of the facial bones, zygomaticomaxillary complex and orbit. Basic principles and procedures of rehabilitation	
Recommended literature: KOLÁŘ, P. a kol.: Rehabilitace v klinické praxi, Galén, Praha, 2009, ISBN 2720-18-02-03. Navrátil L. a kol. Fyzikální léčebné metody pro praxi , 2019 Beumer, J., Marunick M.T., Esposito S. J. Maxillofacial rehabilitation. 2011, Quintessence Pub	

Co; 1 edition, 468 pages, ISBN-13: 978-086715498					
Course language:					
Notes:					
Course assessment					
Total number of assessed students: 462					
A	B	C	D	E	FX
91.56	8.23	0.22	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/ LFPAJ/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: 3., 5., 7.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Active participation in class, completed homework assignments, two missed classes at the most (i.e. two 45 minute classes). 3 verbal presentations (a brief presentation of a product/person, a conference presentation, and a patient presentation). Final evaluation = the average obtained Final exam = test. Final grade will be calculated as follows: 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 Structure of presentations Presentation of data Graphs and figures Case presentation Doctor's ward round	
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. Powel, M.: Dynamic Presentations. CUP, 2010. Armer, T.: Cambridge English for Scientists. CUP, 2011.	
Course language: English language (B1, B2 level according to CEFR)	

Notes:					
Course assessment Total number of assessed students: 22					
A	B	C	D	E	FX
86.36	9.09	0.0	0.0	4.55	0.0
Provides: Mgr. Viktória Mária Slovenská					
Date of last modification: 18.09.2025					
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: IK/PM-ZL/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 al.: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:

slovak

Notes:

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

Course assessment

Total number of assessed students: 123

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	97.56	2.44	0.0	0.0	0.0	0.0

Provides: MUDr. Ivan Majerčák, MPH, prof. MUDr. Daniel Pella, PhD., MUDr. Peter Horváth, doc. MUDr. Štefan Tóth, PhD., MBA, doc. MUDr. Viola Vargová, PhD., doc. MUDr. Sylvia Dražilová, 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-ZL/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/PMK-ZL/25 and UPF/PF-ZL1/15	
Conditions for course completion: 1. 85% active participation on the practical lessons, in case of absence may compensate up to 2 practical lessons per semester and 50% participation on lectures 2. active participation in practical lessons; regular knowledge check via control questions; successful completion of the written test – at least 60%.	
Learning outcomes: The absolvent acquires knowledge from the field of psychiatry, diagnosis and treatment of mental disorders, from psychopharmacology, psychoeducation and rehabilitation in psychiatry.	
Brief outline of the course: Psychiatry- characteristics and content of field, history, etiopathogenesis of mental disorders, general psychopathology (perceptual disorders, gnostic disorders, mood disorders, disorders of thinking, volition, consciousness, memory, intellect and personality), syndromology of mental disorders, diagnosis and classification in psychiatry, communication with a mentally ill patient, schizophrenic disorders, mood disorders – emphasis on depression, organic mental disorders, cognitive disorders, anxiety disorders, stress-induced disorders, psychiatric issue of substance use/abuse disorders, psychiatric sexology, pedopsychiatry, gerontopsychiatry, personality disorders, biological treatments in psychiatry, psychopharmacology, psychotherapy, psychoeducation and rehabilitation in psychiatry, organizational, legal and ethical problems in psychiatry, liaison psychiatry.	
Recommended literature: Kolibáš, E. Príručka klinickej psychiatrie. Psychoprof: 2010, ISBN 978-80-89322-05-3 Kolibáš, E. a kol., Všeobecná psychiatria. UK: 2007, ISBN 978-80-223-2388-8 Hosák Ladislav - Hrdlička Michal - Libiger Jan a kol. Karolinum 2015, 648 pp. ISBN 9788024629988	
Course language: Slovak language	
Notes:	

Course assessment					
Total number of assessed students: 789					
A	B	C	D	E	FX
77.95	12.17	6.08	2.66	1.01	0.13
Provides: doc. MUDr. Ivan Dóci, PhD., Mgr. MUDr. Jozef Dragašek, PhD., MHA, MUDr. Jana Vančíková, PhD., doc. MUDr. Aneta Bednářová, PhD., MUDr. Zuzana Vančová, PhD., MUDr. Dominika Jarčušková, PhD., MUDr. Simona Čarnakovič					
Date of last modification: 16.03.2023					
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: KRNM/ R-ZL/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: - 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. Muchová T., Rádiológia pre lekárske fakulty - vysokoškolské učebné texty (2. prepracované vydanie), Košice, 2021, ISBN 978-80-8152-970-2 2. Muchová T., Rádiodiagnostika ochorení pečene, žlčníka, žlčových ciest a pankreasu - vysokoškolské učebné texty, Košice, 2021, ISBN 978-80-8152-971-9 3. Muchová, T., Živčák, J., Rádiologické zobrazovacie metódy. Diagnostické prístroje - princíp a ich využitie, Košice, 2018, ISBN 978-80-553-3242-0 4. Muchová T., Rádiológia pre medikov – vysokoškolské učebné texty UPJŠ LF, 2017, ISBN 978-80-8125-520-9 5. Heřman M., Základy rádiológie, Univerzita Palackého v Olomouci, 2014, ISBN 978-80-244-2901-4 6. Bilický J., et al., Rádiológia I. Všeobecná časť, Veda, 2011, ISBN 978-89-224-1195-0 7. Bilický J., et al., Špeciálna časť 1. Hrudník: pľúca, srdce, mamodiagnostika; Veda, 2012, ISBN 978-80-224-1244-5 8. Bilický J., et al., Rádiológia. Špeciálna časť 2. GIT – Ezofagus, žalúdok, tenké črevo, hrubé črevo, hepar, žlčové cesty a žlčník, pankreas, slezina; Veda, 2012, ISBN 978-80-224-1245-2 9. Bilický J., et al., Rádiológia. Špeciálna časť 3. Urorádiológia., Veda, 2012,	

- ISBN 978-80-224-1246-9
10. Bilický J., et al., Rádiológia. Špeciálna časť 4. Muskuloskeletálny systém, Veda, 2012, ISBN 978-80-224-1247-6
11. Bilický J., et al., Rádiológia. Špeciálna časť 5. Neurorádiológia, Veda, 2012, ISBN 978-80-224-1248-3
12. Bilický J., et al., Rádiológia. Špeciálna časť 6. Intervenčná rádiológia, Veda, 2012, ISBN 978-80-224-1249-0
13. Adam A., et al., Grainger & Allison's Diagnostic Radiology, 6th Edition, Churchill Livingstone Elsevier, 2015, ISBN 978-0-7020-4295-9, e-book ISBN 978-0-7020-6128-8
14. Geschwind J., et al. Abrams' Angiography: Interventional Radiology – 3rd edition, Lippincott Williams & Wilkins, 2013, ISBN13 978-1609137922
15. Zeleňák K., et. al., Radiology Imaging Techniques of Brain Tumours, InTech, 2013, DOI 10.5772/53470
<https://www.intechopen.com/books/clinical-management-and-evolving-noveltherapeutic-strategies-for-patients-with-brain-tumors/radiology-imaging-techniquesof-brain-tumours>
16. Krajina A., et al., Therapeutic Embolization of Cranial Tumors, Diagnostic Techniques an Surgical Management of Brain Tumors, inTech, 2011, DOI 10.5772/19639
<https://www.intechopen.com/books/diagnostictechniques-and-surgical-managementof-brain-tumors/therapeutic-embolization-of-cranial-tumors>

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 447

A	B	C	D	E	FX
45.41	34.0	11.86	5.15	3.58	0.0

Provides: MUDr. Nora Lešková, MUDr. Tatiana Muchová, PhD., MPH, MBA, MUDr. Tatiana Špakovská, 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/DS-ZL1/22	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: 742

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.79	0.81	0.0	0.0	0.0	0.0	0.4

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/DS-ZL2/22	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: 707						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.59	0.42	0.0	0.0	0.0	0.0	0.99
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: 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: 1.	
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: 2.	
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: ÚTVŠ/ ŠALF 3/22	Course name: Sport 3
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: 1., 3.	
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.	

<p>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.</p>						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 2596						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
92.87	0.58	0.0	0.04	0.0	0.69	5.82
<p>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.</p>						
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 4/22	Course name: Sport 4
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: 2., 4.	
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.	

<p>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.</p>						
Recommended literature:						
Course language:						
Notes:						
Course assessment						
Total number of assessed students: 579						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
86.87	0.0	0.0	0.0	0.0	0.35	12.78
<p>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.</p>						
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/SVOC/09		Course name: Student Science Work - Presentation at SSC				
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28 Course method: present						
Number of ECTS credits: 4						
Recommended semester/trimester of the course: 3., 4., 5., 6., 7., 8., 9., 10..						
Course level: I.II.						
Prerequisites:						
Conditions for course completion:						
Learning outcomes:						
Brief outline of the course:						
Recommended literature:						
Course language:						
Notes:						
Course assessment Total number of assessed students: 190						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
82.11	17.89	0.0	0.0	0.0	0.0	0.0
Provides:						
Date of last modification: 10.10.2024						
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: 1. ChK/ CH-SS-ZL/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/CH-ZL5/15 and 1. KAIM/A-ZL/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: Slovak language					
Notes:					
Course assessment Total number of assessed students: 790					
A	B	C	D	E	FX
33.8	24.05	24.3	12.03	5.7	0.13
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/ CH-ZL1/16	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/LF-ZL2/15	
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: Tvrdek M. a kol.: Úvod do obecné chirurgie Siman,J. a kol.: Princípy chirurgie - Vydavateľstvo: Slovak Academic Press, 2007 Zeman,M. a kol. : Chirurgická propedeutika, Grada, Praha, 2000, Zeman,M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985. Guzanin,Š.: Vybrané kapitoly z plast. , rekonštrukčnej a estetickej chirurgie, 2003	
Course language:	

Notes:						
Course assessment						
Total number of assessed students: 832						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.92	29.33	12.62	4.45	0.96	0.6	0.12
<p>Provides: prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Jozef Belák, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jana Katúchová, PhD., MBA, MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Kilík, PhD., doc. MUDr. Peter Zavacký, PhD., MPH, MUDr. Pavol Harbulák, doc. MUDr. Marek Šoltés, PhD., MUDr. Peter Pažinka, PhD., MPH, MUDr. Milan Stebnický, PhD., MUDr. Jozef Voltér, MUDr. Milan Šudák, PhD., doc. MUDr. Vladimír Sihotský, PhD., doc. MUDr. Tomáš Toporcer, PhD., doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Mária Kubíková, PhD., MUDr. Peter Štefanič, PhD., DBA, doc. MUDr. Martina Zavacká, PhD., MPH, MBA, doc. MUDr. Ivan Kováč, PhD., MUDr. Lukáš Vaško, PhD., MUDr. Veronika Roškovičová, PhD., MUDr. Ema Macejková, MUDr. Jana Pobeňová, PhD., MUDr. Tímea Holovač, MUDr. Michal Virág, PhD., MUDr. Soňa Palovčíková, MUDr. Laura Tomečková</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/ CH-ZL2/15	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/CH-ZL1/16	
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: Tvrdek M. a kol.: Úvod do obecné chirurgie Siman,J. a kol.: Princípy chirurgie - Vydavateľstvo: Slovak Academic Press, 2007 Zeman,M. a kol. : Chirurgická propedeutika, Grada, Praha, 2000 Zeman,M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985 Guzanin,Š.: Vybrané kapitoly z plast. , rekonštrukčnej a estetickej chirurgie, 2003	
Course language: Slovak language	
Notes:	

Course assessment						
Total number of assessed students: 787						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.13	29.61	8.77	4.07	2.92	0.51	0.0
<p>Provides: prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Jozef Belák, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jana Kat'uchová, PhD., MBA, MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Peter Zavacký, PhD., MPH, MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Milan Stebnický, PhD., MUDr. Jozef Voltér, MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Pavol Harbulák, doc. MUDr. Vladimír Sihotský, PhD., doc. MUDr. Tomáš Toporcer, PhD., MUDr. Róbert Kilík, PhD., MUDr. Tomáš Gajdzik, PhD., MHA, MPH, doc. MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Marek Šoltés, PhD., doc. MUDr. Ivan Kováč, PhD., prof. MUDr. Miroslav Kitka, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, MBA</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/ CH-ZL3/15	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/CH-ZL2/15	
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: Zeman, M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985. Guzanin, Š.: Vybrané kapitoly z plast, rekonštrukčnej a estetickej chirurgie, 2003 Černý J. a kol.: Špeciálna chirurgia 1;2;3;4. Martin, Osveta 1995 Ohrádka B. a kol.: Špeciálna chirurgia I;II;III;IV. Bratislava UK 1994	
Course language: Slovak language	
Notes:	

Course assessment						
Total number of assessed students: 831						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.02	35.26	10.95	1.68	1.08	0.0	0.0
<p>Provides: MUDr. Pavol Harbuľák, prof. MUDr. Jana Kaľuchová, PhD., MBA, MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Jozef Radoňak, CSc., MPH, MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Milan Šudák, PhD., MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Peter Zavacký, PhD., MPH, MUDr. Monika Miklášová, PhD., prof. MUDr. Miroslav Kitka, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Peter Lengyel, PhD., MUDr. Peter Varga, MUDr. Dominika Matiová, MUDr. Miroslav Joštiak</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/ CH-ZL4/15	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/CH-ZL3/15	
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: Zeman, M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985 Guzanin, Š.: Vybrané kapitoly z plast, rekonštrukčnej a estetickej chirurgie, 2003 Černý J. a kol.: Špeciálna chirurgia 1;2;3;4. Martin, Osveta, 1995 Ohrádka B. a kol.: Špeciálna chirurgia I;II;III;IV. Bratislava UK, 1994	
Course language:	

Slovak language						
Notes:						
Course assessment						
Total number of assessed students: 787						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.62	27.7	6.35	7.5	3.3	1.52	0.0
Provides: MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Jana Kaľuchová, PhD., MBA, MUDr. Jozef Voltér, MUDr. Milan Šudák, PhD., MUDr. Róbert Kilík, PhD., MUDr. Pavol Harbulák, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Monika Miklóšová, PhD., doc. MUDr. Marek Šoltés, PhD., doc. MUDr. Jozef Belák, PhD., MUDr. Miroslav Joštiak, MUDr. Dominika Matiová						
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/ CH-ZL5/15	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/CH-ZL4/15	
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, Hepatobilliary 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: Tvrdek M. a kol.: Úvod do obecné chirurgie Zeman M.: Obvazová a sádrovací technika. Avicenum, Praha, 1985 Guzanin, Š.: Vybrané kapitoly z plast, rekonštrukčnej a estetickej chirurgie, 2003 Černý J. a kol.: Špeciálna chirurgia 1;2;3;4. Martin, Osveta, 1995 Ohrádka B. a kol.: Špeciálna chirurgia I;II;III;IV. Bratislava UK, 1994	
Course language: Slovak language	
Notes:	

Course assessment						
Total number of assessed students: 818						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.51	26.77	11.12	8.07	3.3	1.22	0.0
<p>Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, MUDr. Lucia Sukovská Lakyová, PhD., MPH, prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Miroslav Kitka, PhD., doc. MUDr. Jozef Belák, PhD., prof. MUDr. Jana Kaľuchová, PhD., MBA, doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Radoslav Morochovič, PhD., MUDr. Jozef Voltér, MUDr. Róbert Šimon, PhD., MPH, MUDr. Marián Kudláč, MUDr. Milan Stebnický, PhD., doc. MUDr. Tomáš Toporcer, PhD., MUDr. Pavol Harbulák, MUDr. Andrej Vrzgula, PhD., MUDr. Róbert Kilík, PhD., MUDr. Milan Šudák, PhD., prof. MUDr. Marek Lacko, PhD., MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Tomáš Hildebrand, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Tatiana Granda, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Peter Štefanič, PhD., DBA, doc. MUDr. Martina Zavacká, PhD., MPH, MBA, prof. MUDr. Mária Frankovičová, PhD., doc. MUDr. Ivan Kováč, PhD., doc. MUDr. Eugen Frišman, 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: CJP/ LFPKAJ/11	Course name: Written Communication 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: 3., 5., 7.	
Course level: I.II.	
Prerequisites:	
Conditions for course completion: Active participation in class and 1 missed class at the most (2 x 45 minutes). Continuous assessment: 3 written assignments (to be handed in to the lecturer in weeks 5, 9 and 12). Continuous assessment result of 60 % is a prerequisite for student's participation in the final exam test. The final exam test accounts for 50% of the final grade and the overall result of continuous assessment represents the other 50% of the overall grade. The final grade will be calculated as follows: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% or less.	
Learning outcomes: Students acquire knowledge of selected genres of written communication in English, their lexical and stylistic characteristics, they develop their communicative competence in written communication in English with focus on grammatical aspects and vocabulary in practice at B1 - B2 level (CEFR).	
Brief outline of the course: Formal and informal language. Email English, formal letters, business correspondence. Language of forms and office documents. Abbreviations and signs, symbols, numbers. CV, its form and structure, cover letter. Genres of business correspondence. Abstract and academic article.	
Recommended literature: Downes, C. (2008). Cambridge English for Job-hunting. Cambridge: CUP. Mascull, B. (2010). Business vocabulary in use. Intermediate. Cambridge: CUP. Emmerson P. (2004) Email English. MacMillan Glendinning, E.H.- Howard, R. (2007) Professional English in Use – Medicine, CUP Michael McCarthy, Felicity O'Dell (2002) English Vocabulary in Use. Advanced. CUP OXFORD Collocations dictionary for students of English (2002).	

Fronek, J., Mokráň, P. (2003) Slovensko-anglický frazeologický slovník. Vyd. Nová Práca, Bratislava
Internet, noviny, časopisy, bulletin, zdravotná dokumentácia

Course language:

English language (B1 - B2 level, CEFR)

Notes:

Course assessment

Total number of assessed students: 150

A	B	C	D	E	FX
21.33	33.33	20.0	9.33	10.0	6.0

Provides: Mgr. Viktória Mária Slovenská

Date of last modification: 14.09.2023

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