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University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: 1. Course name: Anaesthesiology

KAIM/A-DM/15

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.

Prerequisities: IK/IM-DM4/15,ChK/S-DM4/15

# **Conditions for course completion:**

- 1. 100% participation on the practical exercises
- 2. practical examination of cardiopulmonary resuscitation that at least the 75% criteria
- 3. Test minimum percentage of 75%.
- 4. Oral exam

# **Learning outcomes:**

General Principles of General Anaesthesia and Regional Anaesthesia, perioperative patient management

General Principles of Care about acute cares

CPR-Basic life support

#### Brief outline of the course:

Introduction to Anaesthesiology & Resuscitation. General preoperative preparation. Monitoring in Anaesthesiology. General anaesthesia. Regional anaesthesia. Acute and chronic pain management. Enteral and parenteral nutrition. Shock. General and specific treatment of intoxications. CPR - Basic life support and advanced life support.

## Recommended literature:

- 1. Critical Care Medicine at a Glance, 3rd Edition Autor: Richard Leach 2013, Wiley-Blackwell,
- 2. Anaesthesia at a Glance by Julian Stone, William Fawcett 2013, Wiley-Blackwell,
- 3. Frankovičová M., Surgery for medical students, UPJŠ LF Košice, 2014

# Course language:

#### **Notes:**

#### Course assessment

Total number of assessed students: 184

A	В	С	D	Е	FX
21.74	39.67	18.48	12.5	5.98	1.63

**Provides:** MUDr. Judita Capková, PhD., doc. MUDr. Jozef Firment, PhD., MUDr. Monika Grochová, PhD., MUDr. Štefan Trenkler, PhD., MUDr. Vladimír Hudák, PhD.

**Date of last modification:** 11.02.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** UA/A- | **Course name:** Anatomy 1

DM1/15

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 4 Per study period: 42 / 56

Course method: present

**Number of ECTS credits: 6** 

**Recommended semester/trimester of the course:** 1.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 542

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
43.54	0.18	1.48	4.06	8.49	28.23	14.02

**Provides:** doc. MUDr. Adriana Boleková, PhD., doc. MUDr. Dalibor Kolesár, PhD., doc. MVDr. Květuše Lovásová, PhD.

Date of last modification: 29.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** UA/A- | Course name: Anatomy 2

DM2/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42

Course method: present

**Number of ECTS credits: 7** 

Recommended semester/trimester of the course: 2.

Course level: I.II.

**Prerequisities:** UA/A-DM1/15

#### **Conditions for course completion:**

100% presence in all practical lessons and lectures with opportunity to have maximum three absences. 100% presence in 2 theoretical and 2 practical tests and achievement minimum 72 points as a summary. The retake test will be one only, during examination period, from the curriculum of all semester. After completing previous requirements, student is allowed to enter exam. Exam consists of: 1. practical part – anatomical pictures, student has to achieve 20 points at least from 30 to continue to the next, 2. theoretical part – written test which consists of 100 questions. Evaluation of written test in points: A = 100 - 93, B = 92 - 85, C = 84 - 77, D = 76 - 69, E = 68 - 60, Fx = 59 and less.

#### **Learning outcomes:**

In the first part of the semester students obtain main facts about central nervous system (CNS) in general. Students will become familiar with the inner and outer organization and with function of particular structures of the CNS. The aim of the subject is to understand detailed anatomy of the head and neck, the knowledge of blood supply, venous and lymphatic drainages. Innervation of head and neck is substantial for dental students. Detailed anatomy of the skull cavities and their contents and clinically important regions of the head and neck including the organs of hearing and vision are substantial part of this semester in connection of previous knowledge. Correlation between autonomic and somatic innervation of organs will help understand innervation of head and neck. General characteristics and function of endocrine system and skin complete information of anatomy for dental students.

# **Brief outline of the course:**

CNS: spinal cord, medulla oblongata, cerebellum, mesencephalon, diencephalon. Telencephalon – basal ganglia, description, functional regions of brain cortex. Limbic and olfactory systems. Nerve pathways. Brain ventricles. Vessels and coverings of CNS. Blood supply of the head and neck: common carotid a., subclavian a., and its branches. Venous and lymphatic drainage of the head and neck. Innervation of the head and neck – cranial nerves and cervical plexus. Skull cavities and communications. Topographical anatomy of the head. Topographical anatomy of the neck. Autonomic innervation of the head and neck. Anatomical structures of the eye and ear. Visual, auditory, vestibular pathways. Endocrine system. Skin.

#### **Recommended literature:**

Kluchová D. et al.: Anatomy of trunk and limbs, Košice, 2016

Kluchová D. et al.: Anatomy of head and neck, Košice, 2019

Kluchová D. et al.: Guide through anatomy of human body, Košice, 2017

Drake R. L., Vogl A. W., Mitchell A. W. M.: Netter F. H.: Atlas of Human Anatomy, Saunders, 2014

Waschke J., Paulsen F.: Sobotta: Atlas of Human Anatomy, Volume 1, 2, 3. Elsevier, 2013

Rohen J. W., Lütjen-Drecoll E., Yokoshi Ch.: Color Atlas of Anatomy: A Photographic Study of the Human Body, Lippincott Williams & Wilkins, 2015

Hudák R. et al.: Memorix Anatomy, Triton, 2017

Lovásová K., Kluchová D.: Topographical anatomy of hardly accessible and clinically significant areas of head, Typopress, Košice, 2010

# Course language:

#### **Notes:**

# **Course assessment**

Total number of assessed students: 465

A	В	С	D	Е	FX
1.94	5.16	10.32	20.86	44.3	17.42

**Provides:** doc. MUDr. Adriana Boleková, PhD., doc. MVDr. Květuše Lovásová, PhD., doc. MUDr. Dalibor Kolesár, PhD., MUDr. Joaquim Maria de Santa Cruz Ribeiro Ventosa

Date of last modification: 11.02.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course

Course name: Basics of Scientific Work 1

BSW-DM1/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28

Course method: present

**Number of ECTS credits:** 1

Recommended semester/trimester of the course: 6.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 167

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
17.37	80.84	0.0	0.0	0.0	1.8	0.0

Provides: MDDr. Marcel Riznič, PhD., MUDr. Andrej Jenča, PhD. MBA

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Basics of Scientific Work 2

**BSW-DM2/15** 

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:** 7.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 155

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
12.9	83.87	0.0	0.0	0.0	2.58	0.65

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MDDr. Marcel Riznič, PhD., MUDr. Andrej Jenča, PhD. MBA

Date of last modification:

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

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University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

CAOR-DM/16

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.

**Prerequisities:** UA/A-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 171

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
16.96	42.69	17.54	12.87	4.09	5.85	0.0

Provides: MUDr. Andrej Jenča, PhD. MBA, MDDr. Jozef Jendruch, MDDr. Marcel Riznič, PhD.

Date of last modification: 21.03.2016

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine **Course ID:** Course name: Clinical Biochemistry ULCHBKB/CB-DM/15 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. Prerequisities: UPF/PP-DM2/15 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes: Course assessment** Total number of assessed students: 33 C В E FX A D 6.06 24.24 33.33 12.12 24.24 0.0 **Provides:** 

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Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/CS- | **Course name:** Clinical Seminars

DM/15

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: Per study period: 132s

Course method: present

**Number of ECTS credits: 7** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 150

1000111001	10.001 10.001 01 01 000 000 00 00 00 00 00 00 00 0								
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs			
77.33	19.33	1.33	0.0	0.0	0.0	2.0			

Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: CJP/ | Course name: Communication Skills for Dental Practice 1

LFKZSZ1/16

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.

Prerequisities: Dek. LF UPJŠ/SL-DM2/15

#### **Conditions for course completion:**

Active participation during the study period: Max. 2 absences. If the student is suspected (has a doctor-recommended isolation for COVID-19 symptoms or ordered PCR testing or COVID-19) or confirmed coronavirus disease (COVID-19), the student is obliged to inform the faculty and his/her teacher as the second recipient of the email (via email: lf-studijne@upjs.sk, firstname.surname@upjs.sk). A student with suspicion of illness is excluded from full-time teaching until the results of his negative PCR test. In this case the student continues with a substitutional study form in accordance with his/her teacher's instructions.

Test (6th/7th week), no retake. Minipresentation.

Students must obtain 60% in continuous assessment to be elligible for the final exam registration. Final exam - oral form.

Final evaluation = continuous assessment result (test + minipresentation) - 50%, oral exam - 50%. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less. The study form: in person/distant/combined in accordance with epdemiological situation and the Rector's order (No.15/2020).

#### **Learning outcomes:**

The development of language/ communication skills (reading, writing, listening, speaking), improvement of linguistic competence of students with a focus on the use of the specialized language and terminology in the Dental medicine.

#### **Brief outline of the course:**

Dentist - patient, dentist - dentist communication focused on the following areas:

Specializations in dental medicine.

Dental defects.

Dental diseases.

Children at the dentist.

Aesthetic dentistry.

Selected aspects of functional grammar (discussion, argumenting, description and characteristics, presentation).

# **Recommended literature:**

Steinerová, H.: Konverzačná príručka slovenčiny. Bratislava, Univerzita Komenského 2000.

Žigová, Ľ.: Komunikácia v slovenčine. Bratislava, Univerzita Komenského 1998.

Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD).

Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009(+CD).

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.

Supplementary materials prepared by teachers in print and electronic form.

# Course language:

#### **Notes:**

#### Course assessment

Total number of assessed students: 23

A	В	С	D	Е	FX
52.17	26.09	4.35	0.0	4.35	13.04

Provides: PhDr. Beáta Jurečková, PhD., Mgr. Darka Šefčík Starnová

Date of last modification: 20.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/CD- | **Course name:** Conservative Dentistry 1

DM1/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 6.

Course level: I.II.

**Prerequisities:** SK/PDM-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 247

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.8	25.91	13.77	4.45	1.62	3.24	1.21

**Provides:** MUDr. Margaréta Tamášová, PhD., MUDr. Magdaléna Galdunová, MDDr. Zuzana

Drotárová, MDDr. Petra Bejdová, MDDr. Andrea Sinčák Konečná

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/CD- | Course name: Conservative Dentistry 2

DM2/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 3** 

**Recommended semester/trimester of the course:** 7.

Course level: I.II.

**Prerequisities:** SK/CD-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 215

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
40.93	12.56	20.0	12.56	7.91	3.72	2.33

**Provides:** MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., MUDr. Magdaléna Galdunová, MDDr. Natália Titková, MDDr. Viktória Kačureková

Date of last modification: 24.04.2017

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

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University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/CD- | **Course name:** Conservative Dentistry 3

DM3/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56

**Course method:** present

**Number of ECTS credits: 4** 

**Recommended semester/trimester of the course:** 8.

Course level: I.II.

**Prerequisities:** SK/CD-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

**Course assessment** 

Total number of assessed students: 173

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.71	28.9	10.98	6.94	1.73	1.73	0.0

**Provides:** MUDr. Adriána Petrášová, PhD., MUDr. Margaréta Tamášová, PhD., MUDr. Magdaléna Galdunová

Date of last modification: 24.04.2017

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

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University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/CD- | Course name: Conservative Dentistry 4

DM4/09

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42

Course method: present

**Number of ECTS credits: 4** 

**Recommended semester/trimester of the course:** 9.

Course level: I.II.

**Prerequisities:** SK/CD-DM3/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 179

A	В	С	D	Е	FX
41.34	21.23	17.88	7.82	8.94	2.79

**Provides:** MUDr. Margaréta Tamášová, PhD., MDDr. Denisa Hlubeňová Gidová, MUDr. Adriána Petrášová, PhD.

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/CD- | **Course name:** Conservative Dentistry 5

DM5/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 4** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

Prerequisities: SK/CD-DM4/09

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

## Course assessment

Total number of assessed students: 162

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.62	30.86	8.02	8.02	0.0	2.47	0.0

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Adriána Petrášová, PhD., MUDr. Adriana Čečetková, PhD., MUDr. Katarína Voltérová, MUDr. Mária Eötvöšová, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Margaréta Tamášová, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Petra Berešová, MUDr. Emília Sopková, MDDr. Andrea Sinčák Konečná, MDDr. Juliana Göbl, PhD.

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/CD- | Course name: Conservative Dentistry 6

DM6/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: Per study period: 22s / 110s

Course method: present

**Number of ECTS credits: 7** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

**Prerequisities:** SK/CD-DM5/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 151

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
44.37	31.79	16.56	5.3	0.66	0.66	0.66

**Provides:** MUDr. Adriana Čečetková, PhD., MUDr. Margaréta Tamášová, PhD., MUDr. Adriána Petrášová, PhD., MUDr. Magdaléna Galdunová, MDDr. Denisa Hlubeňová Gidová

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Dental Materials, Technologies and Devices

DMT-DM/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 3.

Course level: I.II.

**Prerequisities:** SK/PDM-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 392

Α	В	С	D	Е	FX
28.57	15.05	13.01	15.05	20.92	7.4

**Provides:** MDDr. Andrea Stašková, MUDr. Magdaléna Galdunová, MUDr. Adriána Petrášová,

MUDr. Adriána Petrášová, PhD.

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/DR- Course name: Dental Radiology
DM/16

Course type, scope and the method:

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.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 275

A	В	С	D	Е	FX
20.0	19.27	24.0	13.82	20.36	2.55

**Provides:** MUDr. Peter Kizek, PhD., MPH, MUDr. Andrej Jenča, PhD. MBA, MDDr. Martina Viňanská

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/DS- | Course name: Dentoalveolar Surgery 3

DM3/15

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 4** 

**Recommended semester/trimester of the course:** 9.

Course level: I.II.

**Prerequisities:** SK/DS-DM2/19

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

Course assessment

Total number of assessed students: 116

A	В	С	D	Е	FX
31.9	31.03	18.1	9.48	8.62	0.86

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Peter Kizek, PhD., MPH, MUDr. Adriana Čečetková, PhD., doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Koloman Frankovič, CSc., MUDr. Marta Kopčáková, CSc., MUDr. Marián Kyseľ, PhD., MUDr. Katarína Voltérová, MUDr. Mária Eötvöšová, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Petra Berešová, MDDr. Marcel Riznič, PhD., MUDr. Andrej Jenča, PhD. MBA

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/DS- | Course name: Dentoalveolar Surgery 1

DM1/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56

Course method: present

**Number of ECTS credits: 4** 

**Recommended semester/trimester of the course:** 7.

Course level: I.II.

**Prerequisities:** SK/PDM-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 228

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
44.3	42.11	8.77	1.75	0.0	2.63	0.44

**Provides:** MUDr. Peter Kizek, PhD., MPH, MUDr. Marián Kysel', PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Marcel Riznič, PhD., MDDr. Viktória Kucková, MDDr. Jozef Jendruch

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/DS- | **Course name:** Dentoalveolar Surgery 2

DM2/19

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 4 Per study period: 14 / 56

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 8.

Course level: I.II.

**Prerequisities:** SK/DS-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 198

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.51	35.35	9.6	1.01	0.51	3.03	0.0

Provides: MUDr. Marián Kysel', PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr.

Marcel Riznič, PhD.

Date of last modification: 23.04.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** KD/D- | Course name: Dermatovenerology

DM/15

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.

**Prerequisities:** IK/IM-DM2/15

# **Conditions for course completion:**

tests

medical examination of a patient, credit, examine

#### **Learning outcomes:**

: Main aim of dermatovenerology is initiated into histology, histopathology of the skin, essential skin biology functions of the skin, skin and mucous membrane lesions. The students have to be certain of history taking, describing of the skin manifestations, investigation and patch testing for contact allergic dermatoses. The students have to be skilled in microscopy investigations. They must have knowledge about immunohistological methods of autoimmune diseases, determination of skin tumors, new non-invasive treatment methods. The students will be familiar with the epidemiology of sexually transmitted diseases, their clinical manifestations, modes of transmission, and their appropriate treatment.

# **Brief outline of the course:**

Dermatologic terminology, primary and secondary lesions, the final stages, functional changes and localisations of the lesions. STD, syphilis, gonorrhoea. Blistering diseases, histology, direct and indirect

immunofluorescent staining. Drug eruptions, urticaria . Atopic and seborhoeic dermatitis. Skin tumors, malignant melanoma. Diseases of the oral cavity

## **Recommended literature:**

Literatúra:

Braun-Falco, Plewig, Wolff, Winkelmann: Dermatology. Springer-Verlag, Berlin

Heidelberg, 3rd, 2000

Švecová D, Daniela T.: Textbook of Dermatology. Comenius University Bratislava, 2010, ISBN 978-80-223-2833-3.

Dermatology AN ILLUSTRATED COLOUR TEXT - David J. Gawkrodger, © Elsevier Limited 2003.

Clinical Dermatology, Fourth Edition By Richard P.J.B. Weller, John A.A. Hunter, John A. Savin and Mark V. Dahl,

© 2008 Richard Weller, John Hunter, John Savin, Mark Dahl. ISBN: 978-1-405-14663-0

Dermatology - Wolfram Sterry, Ralf Paus, Walter Burgdorf; with contributions by Heike Audring . . . [et al.], 2010.

(Thieme clinical companions) ISBN 1-58890-258-7 (alk. paper) -- ISBN 3-13-135911-0 (alk. paper)

Clinical dermatology: a color guide to diagnosis and therapy - Thomas P. Habif.—Sixth edition.© 2016, Elsevier Inc

ISBN 978-0-323-26183-8 (hardcover : alk. paper)—ISBN

978-0-323-26607-9 (eISBN)—ISBN 978-0-323-37555-9 (Inkling ISBN)

# Course language:

anglický

#### **Notes:**

# **Course assessment**

Total number of assessed students: 186

A	В	С	D	Е	FX
33.87	24.19	16.13	13.44	11.29	1.08

**Provides:** MUDr. Janette Baloghová, PhD., MUDr. Zuzana Baranová, PhD., MUDr. Zuzana Hrabovská, MUDr. Vladimíra Nagyová, MUDr. Gabriela Takáčová

Date of last modification: 11.02.2016

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: SK/ Course name: Diploma Thesis and Diploma Thesis Defence DTD-DM/15 Course type, scope and the method: **Course type:** Recommended course-load (hours): Per week: Per study period: Course method: present **Number of ECTS credits: 8** Recommended semester/trimester of the course: 11., 12.. Course level: I.II. **Prerequisities: Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 131 C Α В D Ε FX 25.95 28.24 20.61 15.27 9.92 0.0 **Provides:** Date of last modification: Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** 1. | **Course name:** First Aid

KAIM/FAID-DM/15

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 0 / 1 Per study period: 0 / 14

Course method: present

**Number of ECTS credits:** 1

Recommended semester/trimester of the course: 3.

Course level: I.II.

# **Prerequisities:**

#### **Conditions for course completion:**

- 1. Pass all excercises 100% participation in exercises
- 2. Test min. 75% criteria

# **Learning outcomes:**

Practical education in cardiopulmonary resuscitation, care of the bleeding victim, burns care, covering and imobilization of injury of the skelet.

# **Brief outline of the course:**

Emergency Rescue and Transfer – Removal from Automobile. Basic Resuscitation Steps: Respiratory Emergencies, Airway Obstructions, Cardiopulmonary Resuscitation - Basic life support. Unconscious Victim. Wounds – Definition, Causes, First Aid for Open Wounds. Heat Stroke, Burns – First Aid

#### **Recommended literature:**

- 1. First Aid Manual (Dk First Aid) John Ambulance (Author), 10th edition, 2014, ISBN: 978-1-4093-4200-7.
- 2. First Aid for Babies and Children by DK, DK (Author), 5th edition, 2012, ISBN: 978-1409379126.

www.erc.com

# Course language:

English

# **Notes:**

#### Course assessment

Total number of assessed students: 405

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
47.41	11.6	14.32	6.67	4.69	11.85	3.46

**Provides:** doc. MUDr. Radoslav Morochovič, PhD., MUDr. Vladimír Hudák, PhD., MUDr. Štefan Trenkler, PhD., MUDr. Judita Capková, PhD., MUDr. Monika Grochová, PhD., doc. MUDr. Miroslav Gajdoš, CSc., MPH, mim. prof., prof. MUDr. Július Vajó, DrSc., prof. MUDr. Ladislav

Valanský, PhD., prof. MUDr. Igor Šulla, DrSc., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Mária Frankovičová, PhD., doc. MUDr. Gabriel Vaško, CSc., doc. MUDr. Jozef Belák, PhD., doc. MUDr. Jozef Výrostko, CSc., prof. MUDr. Jana Kaťuchová, PhD. MBA, doc. MUDr. Igor Kundrát, CSc., doc. MUDr. Miroslav Janík, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, MUDr. Marek Vargovčák, MPH, doc. MUDr. Michal Vaľko, PhD., MUDr. Ľubomír Lachváč, PhD., MUDr. Pavol Harbul'ák, prof. MUDr. Juraj Bober, CSc., MUDr. Andrej Vrzgula, PhD., MUDr. Milan Stebnický, PhD., MUDr. Ján Babík, CSc., MUDr. Róbert Šimon, PhD., MPH, MUDr. Marianna Zábavníková, PhD., MUDr. Jozef Voltér, MUDr. Peter Cibur, PhD., MUDr. Milan Šudák, PhD., MUDr. Natália Šimková, doc. MUDr. Marek Lacko, PhD., MUDr. Marián Kudláč, MUDr. Stanislava Imrichová, PhD., MUDr. Štefan Ivanecký, MUDr. Matúš Maruniak

Date of last modification: 11.02.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

FML-DM/16

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.

Prerequisities: UP/PA-DM2/19,UA/A-DM2/15

#### **Conditions for course completion:**

100 % attendance on practicals, credit test, oral exam

# **Learning outcomes:**

## **Brief outline of the course:**

#### **Recommended literature:**

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

DIMAIO, V. J., and D. DIMAIO. Forensic Pathology. 2nd edition. Boca Raton: CRC Press, 2001. PAYNE-JAMES, J., JONES, R., KARCH, S. B. and MANLOVE, J. Simpson's Forensic Medicine. 13th edition, London: Hodder Arnold, 2011.

SENN, D. R., STIMSON, P. G. Forensic Dentistry. 2nd edition. Boca Raton: CRC Press, 2010. BURTON, J., S. SAUNDERS, and S. HAMILTON. Atlas of Adult Autopsy Pathology. Boca Raton: CRC Press, 2015.

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

# Course language:

english

#### Notes:

#### Course assessment

Total number of assessed students: 204

A	В	С	D	E	FX
90.69	6.37	1.96	0.49	0.0	0.49

**Provides:** doc. MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, MUDr. Dorota Sopková, PhD.

Date of last modification: 16.02.2021

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/GS- | Course name: Geronto-dentistry

DM/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: Per study period: 22s / 22s

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

Prerequisities: SK/PE-DM2/15,SK/MFS-DM1/19,SK/PD-DM5/19

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 87

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
16.09	64.37	14.94	4.6	0.0	0.0	0.0

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Marián Kyseľ, PhD., MUDr. Peter Kizek, PhD., MPH, MUDr. Adriána Petrášová, PhD., MUDr. Michal Orenčák, PhD., MUDr. Magdaléna Galdunová

Date of last modification: 09.03.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: G-PK/ | Course name: Gynaecology

G-DM/15

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.

Prerequisities: ChK/S-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 139

A	В	С	D	Е	FX
26.62	35.97	24.46	6.47	5.76	0.72

**Provides:** doc. MUDr. Vladimír Kraus, CSc., MUDr. Milan Matta, PhD., MUDr. Peter Suchánek, PhD. MBA

Date of last modification:

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: UHE/ Course name: Histology and Embryology 1 HE-DM1/15 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: 1. Course level: I.II. **Prerequisities: Conditions for course completion:** Requirements for completion of subject 1. Student has to attend all practical lessons (100%). 2. Limits to pass the subject Histology and Embryology 1: control tests during practical classes – average minimum 60% semestral slide test – minimum 60% of each slide semestral written test – minimum 60% If these conditions are not completed the student is evaluated - FX Teaching is by presence and by distance. **Learning outcomes:** The student gains knowledge about the microscopic structure and function of the cells and tissues within living human organism. This serves as the base for studying pathology and pathophysiology. Cells and tissues are studied practically by the light microscope. Embryology I. is concerend with basic principles of early human development. **Brief outline of the course:** Histologic technic; Cytology; Epithelial tissue; Connective tissue proper; Cartilage; Bone; Ossification; Muscle tissue; Nervous tissue; Embryology - blastogenesis and early organogenesis. **Recommended literature:** 1. Basic histology (Junqueira; 2013) 2. Functional histology (Adamkov; 2011, 2016) 3. Netters functional histology (Ovalle, Nahirney, 2013) 4. Before we are born (Moore; 2013, 2016) 5. Nanci A.: Ten's Cate Oral Histology, Development, Structure and Function, 8 th ed., (2013) Course language:

**English** 

**Notes:** 

Course assessment						
Total number of assessed students: 543						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
42.36	0.37	2.58	7.0	15.47	14.55	17.68

**Provides:** doc. MVDr. Iveta Domoráková, PhD., doc. MVDr. Jarmila Veselá, CSc., doc. MVDr. Štefan Tóth, PhD.

**Date of last modification:** 21.10.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** UHE/ **Course name:** Histology and Embryology 2

HE-DM2/15

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: 2.

Course level: I.II.

**Prerequisities:** UHE/HE-DM1/15

## **Conditions for course completion:**

Requirements of HE2 during semester:

- 1. Student has to attend all practical lessons (100%) and minimally 70% of the lectures.
- 2. Control tests average minimum 60%
- 3. Semestral slide test (two slides) minimum 60% of each slide.
- 4. Final slide test (three slides) in 14th week of semester each slide minimally 60%.

Final exam of HE2 consists of 2 parts:

- A. Final written test minimum 60% to continue to the final oral exam.
- B. Final oral exam three questions evaluation for each minimally 60%:
- a) cytology and tissues
- b) microscopic anatomy
- c) embryology

## **Learning outcomes:**

The student gains knowledge about the microscopic structure and function of the cells, tissues, organs and organ systems within living human organism. This serves as the base for studying pathology and pathophysiology. The microscopic structure of the organs are studied practically by the light microscope.

Embryology II. is concerned with basic principles of early human development, organogenesis and malformations during prenatal development.

## **Brief outline of the course:**

Cardiovascular system, Lymphatic system, Upper respiratory system, Digestive system and salivary glands; Microscopic structure of the tooth, function and development; General structure and function of the ovary, testis and kidney, Structure of the skin, Endocrine system, Nervous system, Sense organs, Embryology - organogenesis.

### **Recommended literature:**

- 1. Basic histology (Junqueira, 2013)
- 2. Functional histology (Adamkov, 2011)
- 3. Netters functional histology (Ovalle, Nahirney, 2013)
- 4. Before we are born (Moore, 2013)
- 5. Nanci A.: Ten's Cate Oral Histology, Development, Structure and Function, 8 th ed., (2013)

# Course language:

English

**Notes:** 

## **Course assessment**

Total number of assessed students: 506

A	В	С	D	Е	FX
2.96	5.34	11.86	16.8	22.73	40.32

**Provides:** doc. MVDr. Iveta Domoráková, PhD., doc. MVDr. Jarmila Veselá, CSc., doc. MVDr. Štefan Tóth, PhD.

Date of last modification: 14.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: UVZH/ Course name: H

HE-DM/15

Course name: Hygiene and Epidemiology

Course type, scope and the method:
Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 8.

Course level: I.II.

**Prerequisities:** ULM/M-DM2/15

### **Conditions for course completion:**

Attendance on lectures, active participation and discussion.

Seminar - written essay on chosen topic, with presentation.

Written test.

## **Learning outcomes:**

Student of the subject will receive the knowledge concerning the protection of the population mainly before infectious diseases and prevention of non-communicable diseases. Students will acquire basic knowledge about patterns of environmental impact on population health protection and promotion. Students will apply the acquired knowledge in practice. It also clarifies the basic concepts with a focus disease in orofacial system and their impact.

#### **Brief outline of the course:**

Introduction to Hygiene and Epidemiology, basic concepts with a focus on infectious diseases in orofacial system. Epidemiologic classification of diseases. Methods in epidemiological studies. Sources of infection. Carriage of pathogenic microorganisms. Transmission mechanism, phase forms. Outbreak. Epidemiological process. Epidemic measures of prevention and suppression. Surveillance. Precautions on working with the biological material. Hospital infections. Decontamination and sterilization. Disinfection. Active and passive immunization. Vaccination. Specific prophylaxis. Environmental health. Influence of environmental factors on health. Food hygiene. Rational nutrition, alternative ways of eating. Occupational exposure and dental health. The issue of working environment, evaluation of allowable concentrations, health risks. Risk factors in health facilities and health protection. Hygiene of children and youth. Housing and health, factors affecting the quality of indoor protection, sick building syndrome. Epidemiology of head and neck cancer. European Code Against Cancer.

## **Recommended literature:**

- 1. RIMÁROVÁ, K.: Environmental medicine hygiene. Košice, Univerzita Pavla Jozefa Šafárika v Košiciach, 2006. 148 s. ISBN 80-7097-646-2.
- 2. RIMÁROVÁ, K.: Compendium of Hygiene. Košice, Univerzita Pavla Jozefa Šafárika, 2014. 210 s. ISBN 9788081521676 (brož.).
- 3. KOLARZYK, E.: Selected topics on hygiene and human ecology. Edited by http://www.e-nujag.cm-uj.krakow.pl/materialy/higiena/main.pdf.

4. Paustenbach, D.J.: The Risk Assessment of Environmental and Human Health Hazards: Textbook of Case Studies, 1989, 220 s., ISBN. 978-0471849988.

# **Course language:**

english

## **Notes:**

## **Course assessment**

Total number of assessed students: 119

A	В	С	D	Е	FX
18.49	35.29	26.05	9.24	10.92	0.0

**Provides:** doc. MUDr. Kvetoslava Rimárová, CSc., MUDr. Ingrid Babinská, PhD., MPH, prof. MVDr. Monika Halánová, PhD., doc. MVDr. Tatiana Kimáková, PhD.

Date of last modification: 11.02.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ULM/I- | Course name: Immunology

DM/15

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: 4.

Course level: I.II.

**Prerequisities:** ULBL/MHB-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 360

Α	В	С	D	Е	FX
23.61	11.11	22.5	13.61	21.11	8.06

Provides: RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc.

Date of last modification: 07.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: KICM/ | Course name: Infectology

I-DM/17

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.

**Prerequisities:** IK/IM-DM2/15

## **Conditions for course completion:**

## **Learning outcomes:**

Evaluation of acquired knowledge:

The rating conditions remain unchanged, exam is oral. If necessary, students will be informed about the change in time.

### **Brief outline of the course:**

The nature of infectious diseases, principles of diagnosis. Intestinal infections. Viral hepatitis. Respiratory infections. Neuroinfections. HIV / AIDS. Anti-infective therapy. Infections of the oral cavity. Differential diagnosis of fever of unknown origin.

### **Recommended literature:**

## Course language:

#### **Notes:**

#### Course assessment

Total number of assessed students: 191

A	В	С	D	Е	FX
51.31	21.47	10.47	9.95	5.24	1.57

**Provides:** prof. MUDr. Ivan Schréter, CSc., prof. MUDr. Pavol Jarčuška, PhD., doc. MUDr. Pavol Kristian, PhD., MUDr. Martin Novotný, PhD., doc. MUDr. Zuzana Paraličová, PhD., MUDr. Alena Rovňáková

Date of last modification: 25.03.2020

University: P. J. Šafár	ik University in Košice
Faculty: Faculty of M	edicine
Course ID: IK/IM- SS-DM/15	Course name: Internal Medicine
Course type, scope an Course type: Recommended cour Per week: Per study Course method: pres	rse-load (hours): y period:
Number of ECTS cre	edits: 2
Recommended semes	ster/trimester of the course: 9., 10
Course level: I.II.	
Prerequisities: IK/IM	-DM5/15
Conditions for course Obtaining a minimum prescribed composition	n number of credits for compulsory and compulsory elective subjects in the
<b>Learning outcomes:</b> Graduate acquires known	owledge in accordance with the profile of the graduating dentist.
duodenum, small in pulmonary disease a Tuberculosis. Ischem disease. Thrombembo Anemia, leukemia, m coagulopathy, thromb connective tissue dise hypercalcemic syndro	cavity by internal diseases. Diseases of the esophagus, stomach and itestine, colon, liver, gall bladder and pancreas. Chronic obstructive and bronchial asthma. Inflammatory lung diseases and lung cancer. ic heart disease. Arterial hypertension. Heart failure. Inflammatory heart olic disease. Glomerulonephritis, tubulointerstitial nephritis, renal failure. yeloproliferative and lymphoproliferative disorders, thrombocytopenia and pocytopathy. Rheumatoid arthritis, systemic lupus erythematosus and other ease. Diseases of the hypothalamus and pituitary gland. Thyroid diseases, ome. Diseases of the adrenal glands. Diabetes mellitus, acute and chronic tency in internal medicine. Shock.
Publishing. 2. P.J. Tog 2. Kumar and Clarks: 3. Kasper DL., Braun	ture: , Kvasnička J. Physical examination in Internal Medicine, 1997, GRADA ghill: Examining Patients. An Intoduction to Clinical Medicine, 1993. Clinical Medicine, 9th edition 2016, Elsevier, ISBN 9780702066016 wald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's Medicine, 16th edition, 2005, The McGraw-Hill Companies, Inc
Course language:	

english

**Notes:** 

Course assessment										
Total number o	Total number of assessed students: 169									
A B C D E FX										
14.79	14.79 14.79 22.49 22.49 23.67 1.78									
Provides:										
Date of last modification: 01.06.2018										
Approved: Dr.1	h.c. prof. MUDr.	Andrej Jenča, CS	Sc., MPH	_						

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: IK/IM- | Course name: Internal Medicine 1

DM1/16

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.

Prerequisities: UFZ/MP-DM2/15

## **Conditions for course completion:**

- 1. Attendance confirmed in the student's book, possible two asbsences, more needs to compensate
- 2. Test, 30 questions, needs to achieve 60%
- 3. Appreciation of the knowledge during classes by the teacher

## **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:**

Taking history, the symptom of the disease in individual organs. Total inspection and special inspection on individual diseases. Examination of the head and neck (percussion, palpation), thorax (percussion, palpation, auscultation), abdomen (percussion, palpation, auscultation), peripheral vessels (palpation, auscultation). Measurement of blood pressure, pulse testing (evaluation, change, quality).

### **Recommended literature:**

l. Chrobák L, Grall T, Kvasnička J. Physical examination in Internal Medicine, 1997, GRADA Publishing. 2. P.J. Toghill: Examining Patients. An Intoduction to Clinical Medicine, 1993.

3. Kumar P., Clark M.: Clinical Medicine

### Course language:

english

Notes:

#### Course assessment

Total number of assessed students: 308

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.95	27.27	9.09	4.87	0.0	6.17	0.65

**Provides:** prof. MUDr. Peter Mitro, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Jozef Gonsorčík, CSc., prof. MUDr. Ľubomír Legáth, PhD.,

doc. MUDr. Pavol Joppa, PhD., MUDr. Marek Varga, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Zbynek Schroner, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Ivan Majerčák, MUDr. Alojz Rajnič, PhD., MUDr. Ján Pobeha, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Martin Javorský, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Miriam Kozárová, PhD., MUDr. Zuzana Kuklišová, PhD., doc. MUDr. Ján Fedačko, PhD., MUDr. Božena Palovičová, PhD., doc. MUDr. Martin Janičko, PhD., MUDr. Peter Horváth, MUDr. Ľubomír Tomáš, PhD., MUDr. Pavol Pobeha, PhD., MUDr. Eliška Fatľová, MUDr. Ivana Gotthardová, PhD., MUDr. Alexandra Lisovszki, MUDr. Zuzana Kozelová, PhD., doc. MUDr. Mária Rašiová, PhD., doc. MUDr. Branislav Stančák, CSc., Mgr. MUDr. Štefan Tóth, MBA, PhD., MUDr. Ivana Trojová, MUDr. Lucia Kubíková, PhD., MUDr. Andrea Kirschová, MUDr. Alina Putrya, MUDr. Anna Ürgeová, PhD., MUDr. Mgr. Ivana Jochmanová, PhD., MUDr. Katarína Demková, PhD., MUDr. Zora Lazúrová, MUDr. Alena Yaluri, PhD.

Date of last modification: 10.02.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: IK/IMDM2/15

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.

Prerequisities: IK/IM-DM1/16

Conditions for course completion:

Education can alternatively by conducted in a distant mode. The teachers will communicate with students by email, event. skype.

- 1. The presence of the students at individual practices will be recorded by their teachers.
- 2. Teachers will assign the tasks to students in the form of essays and solving case reports, according to the content of practical exercises for the week and according to the lectures.
- 3. Knowledge assessment will be carried out by a distance test.
- 4. Completion of the course will be evaluated on the basis of the records of presence, written assignments and test results.

### **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:**

Basics of ECG, normal ECG curve, changes the width and interval of each wave pathological findings. Basics of X-ray in internal medicine, chest X-ray (pathological). Examination of the musculoskeletal system, the most common symptomatology of the musculoskeletal system. Basic laboratory examinations in internal medicine (hematology and biochemical tests). The most common poisoning, the main clinical symptoms.

### **Recommended literature:**

- 1. Kumar and Clarks: Clinical Medicine, 7th 8th Edition
- 2. Kasper D, Fauci A. Harrison 's principles of Internal Medicine

## Course language:

english

Notes:

Course asses	Course assessment											
Total number	of assessed st	udents: 264										
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs						
53.41	32.95	6.06	2.65	0.38	3.03	1.52						

Provides: doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Peter Mitro, PhD., prof. MUDr. L'ubomír Legáth, PhD., MUDr. Marek Varga, PhD., MUDr. Kamila Brúsiková, PhD., doc. MUDr. Ingrid Dravecká, PhD., doc. MUDr. Ján Fedačko, PhD., MUDr. Peter Horváth, doc. MUDr. Martin Janičko, PhD., prof. MUDr. Peter Jarčuška, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, MUDr. Ivan Majerčák, MUDr. Lucia Tomková, PhD., MUDr. Božena Palovičová, PhD., MUDr. Ján Pobeha, MUDr. Lýdia Pundová, CSc., MUDr. Štefan Sotak, PhD., MPH, Mgr. MUDr. Štefan Tóth, MBA, PhD., MUDr. Simona Ujházi, doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Viola Vargová, PhD., MUDr. Eduard Veseliny, PhD., prof. MUDr. Dušan Trejbal, CSc., MUDr. Ivana Gotthardová, PhD., MUDr. Martin Javorský, PhD., MUDr. Miriam Kozárová, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Zuzana Kozelová, PhD., MUDr. Alojz Rajnič, PhD., doc. MUDr. Mária Rašiová, PhD., doc. MUDr. Eva Szabóová, PhD., prof. MUDr. Ivan Tkáč, PhD., doc. MUDr. Branislav Stančák, CSc., MUDr. Eduard Čurilla, PhD., MUDr. Ľudmila Farkašová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., MUDr. Monika Jankajová, PhD., MUDr. Stanislav Juhás, CSc., MUDr. Lucia Kubíková, PhD., MUDr. Silvia Mišíková, PhD., MPH, MUDr. Pavol Murín, PhD., MUDr. Andrea Kirschová, MUDr. Anna Ürgeová, PhD., MUDr. Katarína Demková, PhD., MUDr. Jana Deptová, PhD., MUDr. Alina Putrya, MUDr. Jana Figurová, PhD., MUDr. Zora Lazúrová, MUDr. Alena Yaluri, PhD., MUDr. Laura Gombošová, PhD.

Date of last modification: 23.03.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: IK/IMDM3/15

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.

**Prerequisities:** IK/IM-DM2/15

## **Conditions for course completion:**

- 1. Attendance confirmed in the student's book, possible two asbsences, more needs to compensate
- 2. Test, 30 questions, needs to achieve 60%
- 3. Appreciation of the knowledge during classes by the teacher

## **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:**

Coronary heart disease - acute and chronic forms. Arterial hypertension - primary and secondary. Heart failure. Inflammatory heart disease. Shock - differential diagnosis. Chronic obstructive pulmonary disease, bronchial asthma. Inflammatory lung diseases and their complications, tuberculosis - pulmonary and extrapulmonary TB. Lung and mediastinal cancer. Diabetes mellitus - 1. type, 2. type, acute and chronic complications of diabetes. Peripheral vascular disease, thrombembolic disease.

### Recommended literature:

- 1. Chrobák L, Grall T, Kvasnička J. Physical examination in Internal Medicine, 1997, GRADA Publishing.
- 2. P.J. Toghill: Examining Patients. An Intoduction to Clinical Medicine, 1993.
- 3. Kumar P., Clark M.: Clinical Medicine
- 4. Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 16th edition, 2005, The McGraw-Hill Companies, Inc

## Course language:

english

Notes:

Course asses	Course assessment											
Total number of assessed students: 223												
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs						
47.09	30.04	9.42	5.38	1.35	6.73	0.0						

Provides: prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Peter Mitro, PhD., prof. MUDr. Gabriel Valočik, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Pavol Joppa, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Štefan Koval, PhD., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ľubomír Legáth, PhD., MUDr. Pavol Pobeha, PhD., MUDr. Ivan Majerčák, MUDr. Lýdia Pundová, CSc., MUDr. Miriam Kozárová, PhD., MUDr. Ján Pobeha, doc. MUDr. Ján Fedačko, PhD., doc. MUDr. Martin Janičko, PhD., MUDr. Ľubomír Tomáš, PhD., MUDr. Božena Palovičová, PhD., doc. MUDr. Zbynek Schroner, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Marek Varga, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Ivana Trojová, MUDr. Alina Putrya, MUDr. Anna Ürgeová, PhD., MUDr. Katarína Demková, PhD., MUDr. Zuzana Kozelová, PhD., MUDr. Jana Deptová, PhD., MUDr. Zora Lazúrová, MUDr. Alena Yaluri, PhD.

Date of last modification: 10.02.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: IK/IM- | Course name: Internal Medicine 4

DM4/15

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.

**Prerequisities:** IK/IM-DM3/15

## **Conditions for course completion:**

- 1. Attendance confirmed in the student's book, possible two asbsences, more needs to compensate
- 2. Test, 30 questions, needs to achieve 60%
- 3. Appreciation of the knowledge during classes by the teacher

## **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:**

Pathological findings in the oral cavity in case of internal diseases. The diseases of the esophagus, stomach and duodenum diseases, inflammation, and tumors of the small and large intestine, malabsorption syndrome, hepatal diseases, gall bladder and pancreas illnes. Medical emergency in gastroenterology.

Diseases of the hypothalamus and pituitary gland. Thyroid gland disease (hypothyroidism and hyperthyroidism). Hypercalcemic syndrome. Diseases of the adrenal glands.

Glomerulonephritis, tubulointerstitial nephritis, acute and chronic renal failure.

### **Recommended literature:**

- 1. Kumar and Clarks: Clinical Medicine, 7th 8th Edition
- 2. Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 16th edition, 2005, The McGraw-Hill Companies, Inc.

### Course language:

english

### Notes:

### Course assessment

Total number of assessed students: 191

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.4	27.23	7.33	5.24	1.05	5.24	0.52

Provides: prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Dušan Trejbal, CSc., MUDr. Kamila Brúsiková, PhD., doc. MUDr. Ingrid Dravecká, PhD., doc. MUDr. Ján Fedačko, PhD., MUDr. Peter Horváth, doc. MUDr. Martin Janičko, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., MUDr. Ivan Majerčák, MUDr. Lucia Tomková, PhD., MUDr. Božena Palovičová, PhD., MUDr. Ján Pobeha, MUDr. Lýdia Pundová, CSc., MUDr. Štefan Sotak, PhD., MPH, Mgr. MUDr. Štefan Tóth, MBA, PhD., MUDr. Simona Ujházi, doc. MUDr. Viola Vargová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Ivana Gotthardová, PhD., MUDr. Martin Javorský, PhD., MUDr. Miriam Kozárová, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Zuzana Kozelová, PhD., MUDr. Alojz Rajnič, PhD., doc. MUDr. Mária Rašiová, PhD., doc. MUDr. Eva Szabóová, PhD., prof. MUDr. Ivan Tkáč, PhD., MUDr. Alina Putrya, MUDr. Anna Ürgeová, PhD., MUDr. Katarína Demková, PhD., MUDr. Zora Lazúrová, MUDr. Jana Figurová, PhD., MUDr. Alena Yaluri, PhD., MUDr. Mgr. Ivana Jochmanová, PhD., MUDr. Laura Gombošová, PhD.

Date of last modification: 10.02.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** IK/IM- | Course name: Internal Medicine 5

DM5/15

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.

**Prerequisities:** IK/IM-DM4/15

### **Conditions for course completion:**

- 1. Attendance confirmed in the student's book, possible two asbsences, more needs to compensate
- 2. Test, 30 questions, needs to achieve 60%
- 3. Appreciation of the knowledge during classes by the teacher
- 4. 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:**

Anemia, acute leukemia, myeloproliferative and lymphoproliferative disorders, thrombocytopenia and coagulopathy thrombocytopathy.

Rheumatoid arthritis, systemic lupus erythematosus and other connective tissue disease with manifestation in the orofacial region.

Metabolic disorder of water, electrolyte and acid-base.

Acute conditions in cardiology, pneumology, gastroenterology, nephrology, endocrinology and hematology. Coma in internal medicine.

Fewer and subfebrility, sepsis.

Immunosuppressive therapy in internal medicine.

## Topics:

- 1. Main features of internal diseases in oral cavity.
- 2. Diseases of the oesophagus.
- 3. Gastric and duodenal diseases.
- 4. Gastrointestinal bleeding.
- 5. Cirrhosis.
- 6. Acute and chronic pancreatitis.
- 7. Differential diagnosis of jaundice.
- 8. Chronic obstructive pulmonary disease.
- 9. Asthma.
- 10. Inflammatory lung diseases and complications.

- 11. Lung and mediastinal tumours.
- 12. Pulmonary and extrapulmonary TBC.
- 13. Ischemic heart disease, angina pectoris.
- 14. Acute myocardial infarction.
- 15. Essential hypertension.
- 16. Secondary hypertension.
- 17. Inflammatory heart disease /myocarditis, pericarditis, endocarditis/.
- 18. Mitral stenosis and regurgitation.
- 19. Aortic stenosis and regurgitation.
- 20. Heart failure, diagnostic and treatment.
- 21. Arrhytmias.
- 22. Shock, differential diagnosis and treatment.
- 23. Pulmonary embolism.
- 24. Cor pulmonale chronicum.
- 25. Diseases of the peripheral blood vessels.
- 26. Tubulointersticial nefritis.
- 27. Acute glomerulonephritis and subacute.
- 28. Chronic glomerulonephritis and nephrotic syndrome.
- 29. Renal failure.
- 30. Iron deficiency anaemias.
- 31. Megaloblastic anaemias.
- 32. Acute leukaemias.
- 33. Myeloproliferative and lymphoproliferative diseases.
- 34. Platelet disorders.
- 35. Haemophilia and other coagulation disorders.
- 36. Blood transfusion.
- 37. Anticoagulant and fibrinolytic treatment.
- 38. Hypothyroidism and hyperthyroidism.
- 39. Adrenal disorders.
- 40. Diabetes mellitus 1. type.
- 41. Diabetes mellitus 2. type.
- 42. Rheumatoid arthritis.
- 43. Systematic lupus erythematosus.
- 44. Lipid metabolism disorders.
- 45. Disorders of water and electrolytes homeostasis.
- 46. Cyanosis.
- 47. Chest pains differential diagnosis.
- 48. Abdominal pain differential diagnosis.
- 49. Cardiorespiratory reanimation in internal medicine.
- 50. Principles of antibiotics treatment.
- 51. Corticosteroid's treatment in internal medicine, it's contraindications and side effects.
- 52. Focal infection and sepsis.
- 53. Fever and subfebrility.
- 54. Unconscioness and coma.

### **Recommended literature:**

- 1. Chrobák L, Grall T, Kvasnička J. Physical examination in Internal Medicine, 1997, GRADA Publishing.
- 2. P.J. Toghill: Examining Patients. An Intoduction to Clinical Medicine, 1993.
- 3. Kumar P., Clark M.: Clinical Medicine

4. Kasper DL., Braunwald E., Fauci AS., Hauser SL., Longo DL., Jameson JL. et al.: Harrison's principles of Internal Medicine, 16th edition, 2005, The McGraw-Hill Companies, Inc

## **Course language:**

english

### **Notes:**

## Course assessment

Total number of assessed students: 184

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
45.11	28.8	19.57	5.98	0.54	0.0	0.0

Provides: doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Peter Mitro, PhD., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Peter Jarčuška, PhD., doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Ľubomír Legáth, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Viola Vargová, PhD., MUDr. Božena Palovičová, PhD., doc. MUDr. Martin Janičko, PhD., MUDr. Ľubomír Tomáš, PhD., doc. MUDr. Ján Fedačko, PhD., MUDr. Ján Pobeha, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Marek Varga, PhD., doc. MUDr. Pavol Joppa, PhD., MUDr. Miriam Kozárová, PhD., MUDr. Ivan Majerčák, MUDr. Alojz Rajnič, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Martin Javorský, PhD., MUDr. Zuzana Kočišová, MUDr. Lýdia Pundová, CSc., MUDr. Ivana Gotthardová, PhD., doc. MUDr. Norbert Lukán, PhD., doc. MUDr. Mária Rašiová, PhD., MUDr. Ivana Trojová, MUDr. Lucia Tomková, PhD., MUDr. Anna Ürgeová, PhD., MUDr. Katarína Demková, PhD., MUDr. Zuzana Kozelová, PhD., MUDr. Laura Gombošová, PhD., MUDr. Alina Putrya, MUDr. Zora Lazúrová, MUDr. Alena Yaluri, PhD.

Date of last modification: 10.02.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Management of Dental Practice

MDP-DM/15

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: 10.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 90

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
18.89	61.11	16.67	3.33	0.0	0.0	0.0

Provides: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MDDr. Andrea Stašková

Date of last modification:

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: SK/ Course name: Maxillofacial Surgery MFS-SS-DM/18 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: 11., 12.. Course level: I.II. Prerequisities: SK/MFS-DM2/15,SK/PC-DM3/18 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 147 C A В D Ε FX 53.06 16.33 12.24 8.84 9.52 0.0 **Provides:** Date of last modification: Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/ **Course name:** Maxillofacial Surgery 1

MFS-DM1/19

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42

Course method: present

**Number of ECTS credits: 4** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

**Prerequisities:** SK/DS-DM3/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 88

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
14.77	62.5	19.32	2.27	1.14	0.0	0.0

**Provides:** MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Peter Kizek, PhD., MPH, MUDr. Marián Kysel', PhD., MUDr. Lívia Sladká, PhD.

Date of last modification:

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Maxillofacial Surgery 2

MFS-DM2/15

Course type, scope and the method: Course type: Lecture / Practice

**Recommended course-load (hours): Per week: Per study period:** 22s / 134s

Course method: present

**Number of ECTS credits: 8** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

**Prerequisities:** SK/MFS-DM1/19

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 145

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
47.59	44.83	6.9	0.69	0.0	0.0	0.0

**Provides:** MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Marcel Riznič, PhD., MDDr. Jozef Jendruch, MDDr. Mikuláš Czókoly

Date of last modification:

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Cou

Course name: Medical Biochemistry 1

ULCHBKB/MBCH-

DM1/16

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:** 2.

Course level: I.II.

Prerequisities: ULCHBKB/MCH-DM/16

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 410

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.88	0.49	2.44	7.56	8.54	17.56	8.54

**Provides:** doc. RNDr. Marek Stupák, PhD., prof. Ing. Mária Mareková, CSc., doc. Ing. Katarína Dubayová, PhD., doc. Mgr. Peter Urban, PhD., RNDr. Ivana Špaková, PhD.

Date of last modification: 05.03.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Course n

Course name: Medical Biochemistry 2

ULCHBKB/MBCH-

DM2/15

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 2 / 3 Per study period: 28 / 42

Course method: present

**Number of ECTS credits:** 6

Recommended semester/trimester of the course: 3.

Course level: I.II.

Prerequisities: ULCHBKB/MBCH-DM1/16

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

Course assessment

Total number of assessed students: 359

A	В	С	D	Е	FX
1.67	2.51	9.75	18.38	54.04	13.65

**Provides:** doc. RNDr. Marek Stupák, PhD., doc. Ing. Katarína Dubayová, PhD., prof. Ing. Mária Mareková, CSc., doc. Mgr. Peter Urban, PhD.

Date of last modification: 05.03.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** ULBF/ | **Course name:** Medical Biophysics

MBF-DM/15

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: 2.

Course level: I.II.

**Prerequisities:** 

## **Conditions for course completion:**

Assessment of the learning achievements in the study subject is performed by continuous monitoring on the study achievements during the teaching part of the period which consists of written tests on practical exercises, a written test of the lectured topics during the teaching part of the semester, and a measurement report. To ensure the adequate preparation for the exam it is highly recommended to attend the lectures. Even in case of non-participation in the lecture, during the exam in medical biophysics, the student must master the topics in the lectured content and form. For students to be admitted to the final examination in Medical biophysics it is required to complete the practical course in medical biophysics, i.e., attendance at all practical lessons finished with accepted reports (protocols) on the measurement and the score at least 60% of maximal number of points, the student can get during the semester. Final examination for the period of study concerned takes place in a written form and can be performed by the full-time or distance method according to the actual arrangements. The knowledge evaluation is expressed by the percentage level from the received points. To complete the exam successfully it is necessary to gain at least 60% of points (assessment E).

### **Learning outcomes:**

At the end of the course students will become familiar with elementary knowledge about physical background of processes in human body on molecular, atomic and subatomic level. Students will understand physical principles of diagnostic and therapeutic devices, as well as biophysical effects in human body after application of biophysical techniques, encountered side effects and safe, efficient usage of medical devices in practice. Course will introduce also subjects of molecular biophysics, membrane biophysics, and bioenergetics. As the aditional benefit from the course students will be able to address biophysical problems having close relationship to health and sickness in man.

#### **Brief outline of the course:**

Relation physics and medicine, Structure of matter, Nuclear radiation and its application in medicine, Magnetic resonance imaging, Lasers in medicine, X rays – the nature and physical properties, Conventional radiography and CT, Pulse oximetry, Ultrasound—physical characteristics, Medical application of ultrasound, Disperse system – classification and physical properties,

Colligative properties of disperse systems, Transport processes – flow, diffusion, Membrane biophysics, Bioelectricity, Sound and hearing, Biophysics of vision.

## **Recommended literature:**

Fundamentals of Biophysics and Medical Technology, I. Hrazdira, V. Mornstein et al., Masaryk University, Faculty of Medicine, Brno 2012

Introduction to biophysics with medical orientation, edited by G.Rontó, I.Tarján, Akadémiai Kiadó, Budapest, 1991

Medical biophysics practical exercises, M. Legiň et al., VŠ učebné texty, Košice 2009

## Course language:

### **Notes:**

### **Course assessment**

Total number of assessed students: 466

A	В	С	D	Е	FX
1.07	3.43	12.66	28.11	45.49	9.23

**Provides:** doc. RNDr. Ján Sabo, CSc., RNDr. Imrich Géci, PhD., doc. RNDr. Lea Vojčíková, CSc., RNDr. Soňa Tkáčiková, PhD., RNDr. Galina Laputková, CSc., RNDr. Peter Bober, PhD., RNDr. Zuzana Tomková, PhD.

Date of last modification: 12.02.2021

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID:

Course name: Medical Chemistry

ULCHBKB/MCH-

DM/16

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: 3** 

Recommended semester/trimester of the course: 1.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 533

A	В	С	D	Е	FX
0.94	1.88	6.94	17.07	53.85	19.32

**Provides:** RNDr. Lukáš Smolko, PhD., RNDr. Ivana Špaková, PhD., doc. RNDr. Miroslava Rabajdová, PhD., doc. RNDr. Marek Stupák, PhD., doc. Ing. Katarína Dubayová, PhD., doc. RNDr. Vladimíra Tomečková, PhD., doc. Mgr. Peter Urban, PhD., prof. Ing. Mária Mareková, CSc., Ing. Beáta Hubková, PhD.

Date of last modification: 05.03.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** CJP/ Course name: Medical Communication in Slovak

LFMCS/11

Course type, scope and the method:

Course type: Practice

Recommended course-load (hours): Per week: 1 Per study period: 14

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 5., 7.

Course level: I.II.

**Prerequisities:** Dek. LF UPJŠ/SL-GM1/09 and leboDek. LF UPJŠ/SL-GM2/15 and leboDek. LF UPJŠ/SL-DM2/15 and leboDek. LF UPJŠ/SL-DM1/09

## **Conditions for course completion:**

Active participation. Max. 2 absences. If the student is suspected (has a doctor-recommended isolation for COVID-19 symptoms or ordered PCR testing or COVID-19) or confirmed coronavirus disease (COVID-19), the student is obliged to inform the faculty and his/her teacher as the second recipient of the email (via email: If-studijne@upjs.sk, firstname.surname@upjs.sk). The student with suspicion of illness is excluded from full-time teaching until the results of his negative PCR test. In this case the student continues with a substitutional study form in accordance with his/her teacher's instructions. Students write 2 continuous assessment tests (week 7 and week 13) during the semester. The minimum score of 60% for each test is required. There are no retakes during the semester. Students who have achieved less than 60% may have one retake of the test in week 14 (the minimum score of 60% percent is required). In the event of failure to attain the limit, the examination procedure is not permitted, and the student is graded FX – failed. Final assessment is based on the results of the final written exam. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0%. The study form: in person/distant/combined in accordance with epidemiological situation and the Rector's order (No.15/2020).

## **Learning outcomes:**

After completing the course, students are able to communicate with patients in various departments in the hospital. They can take a history using specific questions and giving instructions to the patients depending on the department/clinic.

## **Brief outline of the course:**

Basic Doctor-Patient Communication. Formal and Informal You in Slovak. General Communication Depending on the Environment (Pharmacy, Hospital, Outpatient Department). Basic Medical Anamneses in the Slovak Language - General Anamnesis, Patient Admission. Family History and Past Illnesses. Pain - Time Factors, Types and Causes of Pain. Creating a Medical Report. Drug History - Types of Drugs, Contraindications, Side Effects. Neurological Examination. Unpleasant Examinations. Orthopaedic Examination. Basic Phrases, Creating Dialogues, Reading Comprehension. Surgical Examination. Injuries We Might Encounter at the Department of Surgery- Discussion. Cardiovascular Examination.

### **Recommended literature:**

Materials prepared by teachers in print and electronic forms. Course language: Slovak Language A1.1 - A1.2 **Notes: Course assessment** Total number of assessed students: 245 Α В C D E FX 57.14 14.69 15.1 6.12 4.49 2.45

Provides: Mgr. Veronika Pálová

**Date of last modification:** 20.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: CJP/ Course name: Medical English

LFME/11

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.

**Prerequisities:** KKF/LFMT/07

## **Conditions for course completion:**

Combined method of instruction (face-to-face/online, distance learning)

Submitting written assignments in due time. Consistently late assignments can impact the final grade of the course. Oral presentation - online. Final test, online in case of distance instruction. Grading scale:

(A 100-93 %, B 92-85 %, C 84-77 %, D 76-69 %, E 68-60 %, FX 59% and less).

## **Learning outcomes:**

The development of language skills (reading, listening, speaking), improvement of linguistic competence (fonological, lexical and syntactic aspects), and pragmatic competence with focus on English for specific/professional purposes - General medicine, level B2.

## **Brief outline of the course:**

Medical English.

Vocabulary and pronunciation.

Formal/informal, technical (medical)/common vocabulary.

The human body.

Functions of the human body.

Diseases and their symptoms.

Functional grammar - defining, classifying, expressing function.

### **Recommended literature:**

Tiersky, E., Tiersky, M.: The Language of Medicine in English. Regent Prentice Hall, 1992

Glendinning, E.H.- Howard, R.: Professional English in Use – Medicine, CUP, 2007

Dictionary of Medicine. Peter Collin Publishing. 1996

Concise Medical Dictionary. OUP, 1991

Fitzgerald, P., McCullagh, M., Wright, R.: English for Medicine in Higher Education Studies.

Garnet Education, 2010

http://www.bbc.co.uk/worldservice/learningenglish

## Course language:

English language, level B2 according to CEFR.

Notes:

Course assessment Total number of assessed students: 1591					
A	В	С	D	Е	FX
40.23	16.66	16.03	11.75	10.81	4.53
Provides: PhDr. Marianna Škultétyová					

**Date of last modification:** 20.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** USL/ Course name: Medical Ethics and Philosophy

LE-DM/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 3.

Course level: I.II.

## **Prerequisities:**

## **Conditions for course completion:**

- 1.100 % attendance on practicals
- 2. 70 % attendance on lectures
- 3. Credit test (30 questions)
- 4. Oral exam

## **Learning outcomes:**

The student acquires knowledge of ethical dimension and requirements of health care profession, and learns how to recognize principles of medical ethics in solving complicated ethical issues arising during the provision of health care, and specifically in the dental practice.

### **Brief outline of the course:**

Ethics and morality. Bioethics and Medical Ethics. Landmark events in the evolution of bioethics. Global ethics and bioethics. Goals and ethical aspects of health care. Medical ethics. The basic principles of medical ethics. Ethical dilemma. The ethics of medical education. UPJŠ in Košice Code of Student Conduct. Hippocratic Oath. Physician's Pledge. Character requirements for medical profession. WMA International Code of Medical Ethics. Ethical Code for Health Care Providers in Slovakia. Important international conventions and declarations relevant to the health care professions. Patients' rights. Slovak Medical Chamber and Health Care Surveillance Authority in Slovakia. Human dignity in health care. Doctor – patient relationship. Informed consent/refusal – ethical and legal issues. Previously expressed wish of the patient. Communication in medical care. Guide to medical interview. Approach to specific patient groups. Burnout syndrome in medical profession. Ethical and legal issues in pediatrics. The rights of hospitalized children. Elderly patient. Risks in the hospital by elderly patients. Terminal illness. Ethical aspects of resuscitation and intensive care. Futile treatment. Dying patient – ethical and legal issues. Ethical issues in thanatology. Euthanasia and dysthanasia. Assisted suicide. Ethical aspects of organ and tissue transplantation. Living and dead donors. Ethical status of the dead human body. Ethics of autopsy and exhumation. Ethical aspects of examination in forensic medicine and pathology. Reproductive medicine and responsible parenthood. Methods used to achieve or prevent pregnancy. Surrogacy. Ethical issues of abortions. Surrogacy. Ethical and legal issues in dental medicine. Ethical issues in selected medical divisions [neonatal and fetal medicine, gynecology and obstetrics, surgery, nephrology, psychiatry, prehospital emergency care]. Ethics of expert activities in medicine. Ethics in biomedical research. Ethical and legal regulations regarding biomedical research involving human subjects. Ethical issues in animal experimentation. Ethics Committees. Publication ethics. Ethical issues in human genetics and genomics. Genetic testing and preimplantation genetic diagnosis. Gene therapy and genetic manipulation. Ethics of 'designer babies'. Ethical aspects of human cloning. Ethical issues in stem cell research and therapy.

#### **Recommended literature:**

BOBROV, N., FARKAŠOVÁ IANNACCONE, S., SOPKOVÁ, D., NERANTZAKIS, I. Medical Ethics. Košice: Pavol Jozef Šafárik University, 2017.

BOYLAN, M. Medical Ethics. 2nd edition. New York: Wiley-Blackwell, 2014.

TALBOT, M. Bioethics: an introduction. Cambridge: Cambridge University Press, 2012. JONSEN, A. R., SIEGLER, M., WINSLADE, W. J. Clinical Ethics: A Practical Approach to Medical Decisions in Clinical Medicine. 6th edition. New York: The McGraw-Hill Company Inc., 2007.

HOPE, T. Medical Ethics: A Very Short Introduction. New York: Oxford University Press Inc., 2004.

CAMPBELL, A., GILLETT, G. and JONES G. Medical Ethics. 3rd edition. Victoria: Oxford University Press, 2001.

## Course language:

English

#### **Notes:**

#### Course assessment

Total number of assessed students: 326

A	В	С	D	Е	FX
76.69	15.95	4.29	2.15	0.92	0.0

**Provides:** doc. MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Dorota Sopková, PhD.

Date of last modification: 26.03.2021

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

MIS-DM1/15

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 3.

Course level: I.II.

## **Prerequisities:**

## **Conditions for course completion:**

- 1. 100% and active attendance.
- 2. Min. 60% from each test during the term.
- 3. Elaboration of all given classworks.

## **Learning outcomes:**

The aim of the course is to acquire knowledge about the basic terms, methods and tools of information and communication technologies used in electronic health service. To reach the computer skills at the level, that allows students to use informatics resources in their experimental and/or clinical works. To manage database system, to understand background of clinical information systems and to get skills in basic statistical methods that are used to describe various experimental data.

### **Brief outline of the course:**

Basic terms in informatics, medical informatics, eHealth, electronic health record, ePreskription, eMedication, eAllocation, information systems and data protection, database system, design of database tables, interconnection of database tables, forms in database, types of database forms, working with data in database, creation of queries, reports in database, introduction to statistics, descriptive statistics, measure of location, measure of variability, measure of skewness, measure of kurtosis, data sampling and selection, frequency, introduction to theory of probability, random variables.

### **Recommended literature:**

- 1. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5.
- 2. Majerník J.: Databases in MS Access. Multimedia support in the education of clinical and health care disciplines: Portal of Faculty of Medicine, Available from WWW: http://portal.lf.upjs.sk/articles.php?aid=85. ISSN 1337-7000.
- 3. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay Carducci Publishers, 1999.
- 4. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994.

5. Majerník J.: Introduction to biostatistics. Multimedia support in the education of clinical and health care disciplines :: Portal of Faculty of Medicine, Available from WWW: <a href="http://portal.lf.upjs.sk/articles.php?aid=82">http://portal.lf.upjs.sk/articles.php?aid=82</a>. ISSN 1337-7000.

6. Notes from exercises.

# Course language:

english

## **Notes:**

## **Course assessment**

Total number of assessed students: 399

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
46.12	1.0	4.26	14.79	21.3	8.77	3.76

Provides: doc. Ing. Jaroslav Majerník, PhD., Ing. Lenka Urbanská, PhD.

Date of last modification: 12.02.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** ULI/ | **Course name:** Medical Informatics and Statistics 2

MIS-DM2/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours):

Per week: 0 / 2 Per study period: 0 / 28

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 4.

Course level: I.II.

**Prerequisities:** ULI/MIS-DM1/15

# **Conditions for course completion:**

- 1. 100% and active attendance.
- 2. Min. 60% from each test during the term.
- 3. Elaboration of all given classworks.
- 4. Final exam.

# **Learning outcomes:**

The main aim if the course is to acquire knowledge about probability and inferential statistics used in analysis and evaluation of clinical data. To get information about electronic information resources, to understand principles of evidence based medicine, to understand the importance of medical terminology and standards, and to work with various information systems used in hospitals.

#### **Brief outline of the course:**

Estimation theory and statistical tests, principles of statistical tests, testing of statistical hypothesis, formulation of null and alternative hypothesis, critical value, hypothesis test for a mean, hypothesis test for a variance, nonparametric tests, goodness of fit test, analysis of variance, regression analysis, correlation analysis, probability of hypothesis testing, evidence based medicine, formulation of clinical question, terminology in medicine, hospital information system, electronic health records in out-patient clinics, radiology information system, laboratory information system.

#### Recommended literature:

- 1. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5.
- 2. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay Carducci Publishers, 1999.
- 3. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994.
- 4. Majerník J.: Introduction to biostatistics. Multimedia support in the education of clinical and health care disciplines: Portal of Faculty of Medicine, Available from WWW: <a href="http://portal.lf.upjs.sk/articles.php?aid=82">http://portal.lf.upjs.sk/articles.php?aid=82</a>. ISSN 1337-7000.
- 5. Majerník Jaroslav: Hospital information system. Multimedia support in the education of clinical and health care disciplines: Portal of Faculty of Medicine, Available from WWW: <a href="http://portal.lf.upjs.sk/articles.php?aid=107">http://portal.lf.upjs.sk/articles.php?aid=107</a>. ISSN 1337-7000.

6. Manuals of information systems used in health care system.

# Course language:

english

**Notes:** 

# **Course assessment**

Total number of assessed students: 177

A	В	С	D	Е	FX
1.13	15.25	40.11	25.42	16.95	1.13

**Provides:** doc. Ing. Jaroslav Majerník, PhD., Ing. Martina Habiňaková, PhD., Ing. Andrea Kačmariková, PhD.

Date of last modification: 11.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** UFZ/ Course name: Medical Physiology 1

MP-DM1/18

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours):

Per week: 3 / 3 Per study period: 42 / 42

Course method: present

**Number of ECTS credits: 6** 

Recommended semester/trimester of the course: 3.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

credit tests,

**Learning outcomes:** 

obtained credits

**Brief outline of the course:** 

Physiological priciples. Homeostasis. Blood. Respiratory system. Cardiovasclar system Excretory system. Digestive system

# **Recommended literature:**

Guyton - Hall: Textbook of Medical Physiology

Š.Kujaník: Practical lessons in Physiology. Part I. 1998

M.Pallayová, Š.Kujaník: Textbook of practical physiology Part I.-Cardiovascular Physiology

2013

# Course language:

english

### **Notes:**

#### **Course assessment**

Total number of assessed students: 412

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.49	0.24	2.43	4.61	16.26	25.0	0.97

**Provides:** prof. MUDr. Viliam Donič, CSc., doc. MUDr. Mária Pallayová, PhD., doc. RNDr. Pavol Švorc, CSc., RNDr. Judita Štimmelová, PhD., RNDr. Soňa Grešová, PhD., MUDr. Andrea Brandeburová, MUDr. Martina Gáborová, PhD., MUDr. Igor Peregrim, PhD.

Date of last modification: 20.03.2018

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

Page: 75

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** UFZ/ Course name: Medical Physiology 2

MP-DM2/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 3 / 3 Per study period: 42 / 42

Course method: present

**Number of ECTS credits: 6** 

Recommended semester/trimester of the course: 4.

Course level: I.II.

Prerequisities: UFZ/MP-DM1/18

### **Conditions for course completion:**

credit tests, practical exam, final written test, oral exam,

# **Learning outcomes:**

exam

#### **Brief outline of the course:**

Thermoregulation. General neurophysiology. Sensory physiology. Motor nervous system. Autonomous nervous system. Higher functions of the CNS. Physiology of the muscles and work. Endocrinology. Specialized lectures (childhood physiology, stress, biorhythms)

#### **Recommended literature:**

Guyton - Hall: Textbook of Medical Physiology

Š.Kujaník: Practical lessons in Physiology. Part II. 1998

#### Course language:

English

#### **Notes:**

### Course assessment

Total number of assessed students: 363

A	В	С	D	Е	FX
7.71	9.09	20.11	11.57	46.01	5.51

**Provides:** prof. MUDr. Viliam Donič, CSc., doc. MUDr. Mária Pallayová, PhD., doc. RNDr. Pavol Švorc, CSc., RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, PhD., MUDr. Andrea Brandeburová, MUDr. Martina Gáborová, PhD., MUDr. Igor Peregrim, PhD.

Date of last modification: 18.02.2019

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

Page: 76

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** KKF/ **Course name:** Medical Terminology

LFMT/07

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.

# **Prerequisities:**

# **Conditions for course completion:**

PLEASE READ: Some parts of lessons may continue as distance e-learning. Students must follow NEWS BOARD (see point 5).

- 1)ACTIVE PARTICIPATION has effect on the final mark. It consists of: being 100 % present on every class in the winter semester, cooperation with the teacher, preparing given homework. Each of the students has maximum of 2 absences. The student that has more than 2 absences (without providing legitimate official documents explaining the reason of missed classes) will be excluded from taking pre-term exam (see Notes) or can be considered to fail the subject Medical Terminology. 2)HOMEWORK is compulsory. For each lesson, the students are expected to prepare any kind of homework that teacher gives as it is fundamental for the final exam.
- 3)TWO SHORT TESTS DURING THE SEMESTER. There will be two written short tests focused on translation of medical terms. Each of the tests has 20 points maximum (therefore 40 points together). These points will be counted in the final exam's points.

Distance teaching: 10 points/test (together 20 points)

4)FINAL EXAM. The final exam test itself has 110 points maximum. All three parts together (two short tests + final exam) have 150 points maximum. Students need more than 89 points out of 150 (60%) from all three parts together to pass the Medical Terminology subject. Maximum of points (all three parts together) is presented here:

SCALE:

A = 150 - 139

B = 138 - 127

C = 126 - 114

D = 113 - 102

E = 101-90

FX = 89 - 0

5) NEWS BOARD. It is mandatory for every student to follow all the news that will be uploaded on this page: https://upismedicalterminology.blogspot.com

Students can find there: information about cancellation of classes, change of rooms, information for tests and exams, all the additional information and documents for homeworks, etc.

# **Learning outcomes:**

The aim of the Medical Terminology is to provide students with the basics of Latin and Greek medical terms that are necessary for further study of medicine. Students should be able to decline words, understand basic rules of grammar and identify the parts of the word.

#### **Brief outline of the course:**

The whole course is based on the book: KAVEČANSKÁ, A., & ŠALAMON, P. (2017). The basics of Graeco-Latin medical terminology (First edition.). Košice: University of Pavol Jozef Šafárik in Košice

- 1. week: Introduction to Medical Terminology
- 2. week: UNIT 1 1st Latin and Greek declensions, adjectives
- 3. week: UNIT 2
- 4. week: UNIT 3
- 5. week: UNIT 4 + UNIT 6
- 6. week: 1st short written test + UNIT 5
- 7. week: UNIT 7
- 8. week: UNIT 8
- 9. week: UNIT 9 + repetition
- 10. week: 2nd short written test + UNIT 10
- 11. week: UNIT 11
- 12. week UNIT 12
- 13. week: UNIT 13 + repetition

#### **Recommended literature:**

KAVEČANSKÁ, A., & ŠALAMON, P. (2017). The basics of Graeco-Latin medical terminology (First edition.). Košice: University of Pavol Jozef Šafárik in Košice

BUJALKOVÁ, M., JUREČKOVÁ, A. (2004). Introduction to latin medical terminology.

Bratislava: Univerzita Komenského.

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

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

COHEN, B. J., & DePETRIS, A. (2014). Medical terminology: An illustrated guide (7th ed.).

Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.

DORLAND, I. (1988). Dorland's illustrated medical dictionary (27th ed.). Philadelphia;

London; Toronto: W. B. Saunders Company.

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

Recommended online courses and exercises:

https://medterminology.com

# Course language:

English language

#### Notes:

PRE-TERM FINAL EXAM. Only those students that will have 100% full attendace record (list) with no absences will be allowed to take a pre-term final exam.

#### Course assessment

Total number of assessed students: 3376

Α	В	С	D	Е	FX
9.09	12.59	18.13	21.83	33.89	4.47

Provides: PhDr. Pavol Šalamon, Mgr. Martin Zborovjan, PhD., Mgr. Zuzana Krokosová

**Date of last modification:** 30.11.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** ULBL/ | **Course name:** Medical and Human Biology 1

MHB-DM1/15

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: 1.

Course level: I.II.

**Prerequisities:** 

# **Conditions for course completion:**

active presence in all practical lessons each test assessment: minimum of 60%

### **Learning outcomes:**

To introduce the basic concepts of cell biology, including cell structure, macromolecules, genetics, molecular biology, development and cell communications. To give students a thorough grounding in the theoretical and practical foundations of basic genetics. Students have acquired an understanding of the major concepts in cell and molecular biology and have obtained basic information related to genetics and molecular biology methods in clinical practice.

### Brief outline of the course:

Molecular Biology – common characteristics of biopolymers, the structure and function of saccharides and lipids, amino acids, polypeptides, proteins, primary, secondary, tertiary and quaternary structure of protein molecules, function of proteins. Nucleic acids, primary structure of DNA and RNA, their genetic function. Cell structure – prokaryotic and eukaryotic cells. Membrane cell organelles, their structure and function, plasmatic membrane, membrane receptors. General characteristic of biomembranes, molecular structure of biomembranes; movement of molecules through the membrane, active and passive transport, protein membrane channels, endocytosis, exocytosis. Replication of DNA. Structure of eukaryotic chromosome, human karyotype. Cell reproduction, cell cycle, control of cell cycle, mitosis. Meiosis, gametogenesis, spermatogenesis, oogenesis. Expression of genetic information, transcription, posttranscriptional processing of mRNA, translation, synthesis of proteins, posttranslation modifications, regulation of gene expression. Application of molecular biology methods in clinical genetics. The basic principles of Epigenetics. Cell differentiation, aging and death of the cells.

# **Recommended literature:**

Židzik, J. et al.: Medical Biology and Genetics, UPJŠ, Košice, 2009

Mičková, H.: Biology: Practical Lessons, NMP-LF UPJŠ, Košice, 1997

Nussbaum, R. L. et al.: Thompson & Thompson Genetics in Medicine, W. B. Saunders Comp.,

Philadelphia 2001

Darnell, J. et al.: Molecular Cell Biology, Scientific American Books, New York, 1990

# Course language:

**Notes:** 

# **Course assessment**

Total number of assessed students: 527

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
45.16	0.19	2.85	9.87	14.42	14.99	12.52

**Provides:** prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Lucia Klimčáková, PhD., RNDr. Viera Habalová, PhD., doc. RNDr. Peter Solár, PhD.

Date of last modification: 10.09.2018

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ULBL/ | Course name: Medical and Human Biology 2

MHB-DM2/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28

**Course method:** present

**Number of ECTS credits: 5** 

**Recommended semester/trimester of the course: 2.** 

Course level: I.II.

**Prerequisities:** ULBL/MHB-DM1/15

### **Conditions for course completion:**

All practical lessons (100%) are obligatory for all students.

Assessment of the student's learning achievements is carried out as a combination of continuous monitoring of the study during the teaching part of the semester (40%) with the final examination for the period of the semester concerned (60%). Prerequisite for the final examination (to register for the final examination) is the acquirement of 20 points minimum from continuous assessment during the semester.

# **Learning outcomes:**

To introduce the basic concepts of general biology and human genetics, including mutations and their role in pathogenesis in human diseases, Mendelian genetics, quantitative and population genetics. To give students a thorough grounding in the theoretical and practical foundations of basic genetics. Students have acquired an understanding of the major concepts in human and molecular genetics and have obtainined basic information related to genetic and molecular biology methods in clinical practice.

#### **Brief outline of the course:**

Mutations - classification of mutations, mechanisms of mutagenesis. The gene mutations and inherited pathological traits in man. Chromosomal aberrations, aneuploidy, polyploidy, chromosomal aberrations in human diseases. Mendelian inheritance, historical overwiev, general characteristics, Mendel's laws of inheritance. X-linked inheritance, Lyon hypothesis. Gene linkage. Immunogenetics, general features, structure and function of antigens and antibodies, immune response, transplantation genetics. HLA system, blood group systems. Population genetics, Hardy-Weinberg law, population equilibrium, panmixis, inbreeding, genetic drift, eugenics, euphenics. Human genetics – genealogy, genetics of twins. Variability of gene expression, genetic polymorphism. Carcinogenesis, molecular biology methods in cancer diagnostics. Cell signalling pathways and molecular targeted therapy. Molecular biology methods and their application in clinical practice. Genomics and medicine. Ethical issues in human genetics.

# **Recommended literature:**

Židzik, J. et al.: Medical Biology and Genetics, UPJŠ, Košice, 2009 Mičková, H.: Biology: Practical Lessons, NMP-LF UPJŠ, Košice, 1997 Nussbaum, R. L. et al.: Thompson & Thompson Genetics in Medicine, W. B. Saunders Comp., Philadelphia 2001

Darnell, J. et al.: Molecular Cell Biology, Scientific American Books, New York, 1990

# **Course language:**

**Notes:** 

# **Course assessment**

Total number of assessed students: 424

A	В	С	D	Е	FX
5.66	13.92	16.51	27.83	27.83	8.25

**Provides:** prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Lucia Klimčáková, PhD., RNDr. Viera Habalová, PhD., doc. RNDr. Peter Solár, PhD., RNDr. Martina Šemeláková, PhD.

Date of last modification: 31.03.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ULM/ | Course name: Microbiology 1

M-DM1/15

Course type, scope and the method:

**Course type:** Lecture / Practice

Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28

Course method: present

**Number of ECTS credits: 4** 

Recommended semester/trimester of the course: 4.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 364

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.57	5.77	9.89	10.71	7.97	10.44	1.65

**Provides:** RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MVDr. Vladimír Hrabovský, PhD., MUDr. Marián Marcin, RNDr. Katarína Čurová, PhD.

Date of last modification: 07.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ULM/ Course n

M-DM2/15

Course name: Microbiology 2

Course type, scope and the method:

**Course type:** Lecture / Practice

Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28

Course method: present

**Number of ECTS credits: 4** 

**Recommended semester/trimester of the course:** 5.

Course level: I.II.

Prerequisities: ULM/M-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 329

Α	В	С	D	E	FX
33.13	5.47	16.41	13.98	17.02	13.98

**Provides:** RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MVDr. Vladimír Hrabovský, PhD., MUDr. Marián Marcin, RNDr. Katarína Čurová, PhD.

Date of last modification: 07.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: NLK/ | Course name: Neurology

NL-DM/15

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.

**Prerequisities:** IK/IM-DM2/15

### **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).

# **Learning outcomes:**

#### **Brief outline of the course:**

Neurology - general considerations. History taking. Cranial nerves. General informations about upper and lower motor neuron, sensitivity, cerebellar syndromes. Disorders of stance and gait.

Extrapyramidal syndromes – hypertonic-hypokinetic, hypotonic-hyperkinetic. Language and higher cortical function. Physiological and anatomical considerations. Language disorders, brain lobes pathology. Meningeal syndrom. Cerebrospinal fluid. Intracranial hypertension, brain herniations.

X-ray, EEG, Utrasound of cerebral arteries, EMG, Evoked potentials, AG, CT, MRI.

Headache. Classification, migraine, tension headache, cluster headache, other and secondary headaches. Diagnosis, differencial 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, differencial 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. Neurosyfilis. 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 cavitiy.

#### **Recommended literature:**

Gdovinová Z., Szilasiová J.: Textbook of general neurology. Košice : Aprilla Ltd. for Hanzluvka Books, 2009. 189 s. ISBN 9788089346158 (brož.).

Brust J.C.M.: Neurology. Current Diagnosis and treatment. Lange Medical Books/McGraw-Hill, 2007. 601 pp. ISBN: 13: 978-0-07-110554-5

# Course language:

english language

#### **Notes:**

# **Course assessment**

Total number of assessed students: 238

A	В	С	D	Е	FX
15.97	18.49	23.11	13.03	15.13	14.29

**Provides:** prof. MUDr. Zuzana Gdovinová, CSc., doc. MUDr. Jarmila Szilasiová, PhD., MUDr. Mária Tormašiová, PhD., doc. MUDr. Eva Feketeová, PhD., MUDr. Norbert Leško, PhD., MUDr. Marianna Vitková, PhD., doc. MUDr. Matej Škorvánek, PhD., MUDr. Vladimír Haň, PhD., MUDr. Milan Maretta, MUDr. Miroslav Benča, MUDr. Petra Paveleková, MUDr. Alexandra Mosejová

Date of last modification: 16.09.2018

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: OK/OF- | Course name: Ophthalmology

DM/15

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.

Prerequisities: ChK/S-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 161

A	В	С	D	Е	FX
63.98	21.12	6.21	3.11	3.73	1.86

Provides: MUDr. Miriama Skirková, MUDr. Jaroslav Kolesár, MPH, MUDr. Monika Moravská, MUDr. Paulína Hribová, MUDr. Marek Horňák

Date of last modification: 04.03.2019

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: SK/OD-Course name: Orthopedic Dentistry SS-DM/18 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: 11., 12.. Course level: I.II. Prerequisities: SK/O-DM3/15,SK/PC-DM3/18,KFBLR/Ph-DM/18,SK/PD-DM6/15 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 155 C Α В D Е FX 27.74 29.03 18.71 14.19 9.68 0.65

**Provides:** 

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/O- | Course name: Ortodontics 1

DM1/15

**Course type, scope and the method:** 

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 9.

Course level: I.II.

**Prerequisities:** SK/PD-DM3/19

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 188

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
46.81	46.28	3.72	0.53	0.0	2.13	0.53

**Provides:** MUDr. Janka Jenčová, PhD., MUDr. Jana Surovková, MDDr. Renáta Urban, MDDr.

Eleonóra Ivančová, PhD.

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/O- Course

Course name: Ortodontics 2

DM2/15

**Course type, scope and the method:** 

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

**Prerequisities:** SK/O-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 172

Α	В	С	D	Е	FX
61.05	17.44	12.21	4.65	2.91	1.74

Provides: MUDr. Janka Jenčová, PhD., MUDr. Jana Surovková, MDDr. Renáta Urban, MDDr.

Gabriela Verbová

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/O- **Course name:** Ortodontics 3

DM3/15

**Course type, scope and the method:** 

Course type: Lecture / Practice Recommended course-load (hours):

Per week: Per study period: 22s / 66s

Course method: present

**Number of ECTS credits: 5** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

**Prerequisities:** SK/O-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 160

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
46.88	50.63	1.25	1.25	0.0	0.0	0.0

**Provides:** MUDr. Janka Jenčová, PhD., MUDr. Jana Surovková, MDDr. Renáta Urban, MDDr.

Eleonóra Ivančová, PhD., MDDr. Gabriela Verbová

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Con

**Course name:** Otorhinolaryngology

KORLaF/ORL-

DM/15

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.

Prerequisities: ChK/S-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

Course assessment

Total number of assessed students: 190

A	В	С	D	Е	FX
33.68	21.58	28.42	11.58	4.74	0.0

**Provides:** prof. MUDr. Juraj Koval', CSc., MPH, MUDr. Tímea Koštialová, MUDr. Michal

Molčan, CSc.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: KDaD/ | Course name: Paediatrics

PE-DM/15

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.

**Prerequisities:** IK/IM-DM2/15

### **Conditions for course completion:**

- 1. Attendance confirmed by assistant's signature in the record book of the student
- it is obligatory to compensate more than one legitimate absence
- (in case of 2 absent practical lessons their compensation in the corresponding form shall be determined by the teaching assistant, in case of more than 3 absences the Head of the department shall decide how to compensate)
- 2. Active participation on practical lessons estimated by the teaching assistant
- 3. Practical exam evaluation of the physical examination of the patient in written form,
- + final test 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 patological conditions related to dental diseases. Students also should learn the principles of paediatric propedeutics and to evaluate patological conditions in childhood.

# **Brief outline of the course:**

Taking a history and physical examination in paediatrics, Childhood age periods, Nutrition, Diseases of the gastrointestinal tract, respiratory tract, uropoietic tract, cardiovascular diseases and endocrinopaties. Emergencies in paediatrics.

#### **Recommended literature:**

L. Kovacs: Introduction to pediatrics

#### Course language:

#### **Notes:**

#### Course assessment

Total number of assessed students: 225

A	В	С	D	E	FX
16.44	16.89	21.78	22.22	20.0	2.67

**Provides:** MUDr. Juliana Ferenczová, PhD., MUDr. Peter Krcho, PhD., MUDr. Juraj Hedvig, PhD., MUDr. Miroslava Petrášová, PhD., doc. MUDr. Veronika Vargová, PhD., MUDr. Alžbeta Bánovčinová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňaková, MUDr. Petra Drenčáková, MUDr. Timea Bileková

Date of last modification: 22.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/

Course name: Paediatrics Dentistry 1

PaD-DM1/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 9.

Course level: I.II.

**Prerequisities:** SK/CD-DM3/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 180

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
45.0	41.11	11.67	1.11	0.0	0.56	0.56

Provides: MDDr. Jana Ferková, MDDr. Peter Šmocer, MDDr. Jaroslav Ďurica

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/

Course name: Paediatrics Dentistry 2

PaD-DM2/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

**Prerequisities:** SK/PaD-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 158

A	В	C	D	Е	FX
62.03	17.09	15.19	3.16	2.53	0.0

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Michal Orenčák, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Igor Jutka, MPH, MUDr. Mária Eötvöšová, PhD., MUDr. Marta Kopčáková, CSc., MUDr. Janka Jenčová, PhD., MUDr. Milan Bereš, PhD., MPH, doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Adriana Čečetková, PhD., MUDr. Katarína Voltérová, MUDr. Nikola Mitrová, PhD., MUDr. Koloman Frankovič, CSc., MUDr. Petra Berešová, MDDr. Jaroslav Ďurica, MUDr. Adriána Petrášová, PhD., MDDr. Zuzana Schwartzová, MDDr. Lenka Soták Benedeková

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/

Course name: Paediatrics Dentistry 3

PaD-DM3/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: Per study period: 22s / 66s

Course method: present

**Number of ECTS credits: 5** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

Prerequisities: SK/PaD-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 151

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
44.37	41.06	12.58	0.66	0.66	0.66	0.0

Provides: MDDr. Peter Šmocer, MDDr. Jaroslav Ďurica, MDDr. Lenka Soták Benedeková

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: UP/PA- | Course name: Pathological Anatomy 1

DM1/19

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.

Prerequisities: UA/A-DM2/15,UHE/HE-DM2/15

# **Conditions for course completion:**

Tests and Colloqium

# **Learning outcomes:**

gain knowledge from the field of General pathology, mastery of histomorphology selected diagnoses, learn about with macroscopic autopsy diagnosis

#### **Brief outline of the course:**

Introduction to Pathology, Thanatology, Cell Injury, Dystrophic changes, Alterations in protein metabolism, Alterations in carbohydrate metabolism, Alterations in lipid metabolism, Disturbances of electrolytes and body fluids, Pigments, calcification, crystals and lithiasis, Progressive changes, Atrophy and necrosis, Inflammation, Growth disorders, Teratology, Pseudotumors, Basic histological features of tumors, Tumors, Tumor systematics, Tumors of oral cavity, Lymphomas, Hypersensitivity reactions, Immunodeficiency diseases, Cardiovascular system, Pathology of the Respiratory system

# **Recommended literature:**

Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005

Böőr, A., Jurkovič, I., Benický, M. and Havierova, Z: Practical lessons in histopathology nd methods in pathology, UPJŠ Košice, 2004

# Course language:

#### **Notes:**

# Course assessment

Total number of assessed students: 280

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.43	0.36	7.14	15.71	16.07	8.21	1.07

**Provides:** MUDr. Zuzana Benetinová, MUDr. Július Tatár, MUDr. Alžbeta Blichárová, PhD., MUDr. Ľudmila Verbóová, PhD.

Date of last modification: 10.05.2019

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: UP/PA-**Course name:** Pathological Anatomy 2 DM2/19 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. **Prerequisities:** UP/PA-DM1/19 **Conditions for course completion:** credit test, histomorphological colloquium final written and oral examination **Learning outcomes:** Gaining a proper knowledge in the field of orofacial pathology, diagnostic necropsy and the methodology of pathological diagnostics of diseases. **Brief outline of the course:** Pathology of haematopoetic system, Disorders of teeth development, Pathology of the gastrointestinal tract, Dental caries, pulpitis, apical periodontitis, resorption and hypercementosis, Pathology of the liver, Biliary tract and pancreas, Chronic teeth damage non-related with dental caries, Uropathology, Gingivitis and periodontitis, Pathology of ovaries and uterus, Cysts of the jaw and soft orofacial tissues, Pathology of pregnancy and the breast, Odontogenic tumors and tumorlike lesions of the jaw, Pathology of the endocrine system, Non-odontogenic tumors of the jaw and cancer of oral cavity, Genetic, non-metabolis and other non-tumorous diseases of bones, Pathology of the musculoskeletal system, Diseas es of temporomandibular joint, Pathology of CNS, Diseases of salivary glands, Dermatopathology, Diseases of oral mucosa: stomatitis, Pathology of infancy and childhood, Diseases of oral cavity in infants and children, Benign chronic pigmentary lesions in the oral mucosa Recommended literature: Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005 Böőr, A., Jurkovič, I., Benický, M. and Havierova, Z: Practical lessons in histopathology nd methods in pathology, UPJŠ Košice, 2004

# Course language:

Notes:

Course assessm	Course assessment						
Total number of assessed students: 233							
Α	В	С	D	Е	FX		
11.16	17.17	20.6	12.45	34.76	3.86		

Provides: MUDr. Július Tatár, MUDr. Alžbeta Blichárová, PhD.

**Date of last modification:** 10.05.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

PP-DM1/15

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.

Prerequisities: UFZ/MP-DM2/15

# **Conditions for course completion:**

# **Learning outcomes:**

Special pathophysiology for dentistry renders the basic overview of the etiopathogenesis, symptomatology and principal diagnostic findings in the clinically most important disease states and syndromes arising from the all major systems of the human body with the main focus on oral diseases and oral manifestations of systemic diseases.

# Brief outline of the course:

Disorders of the oral cavity (systematic categorisation based on the type of laesions and etiology), dysphagia, disorders of salivation, xerostomia, disorders of dentition due to systemic diseases

- Esophageal, gastric disorders, Peptic ulcer, Maldigestion, Colon disorders, Liver disorders, Icterus, Hepatitis
- Valvular & other congenital, acquired disorders, Ischaemic heart disease, Atherosclerosis, Hypertension, Angina pectoris & myocardial infarction, Cardiac dysrrhythmias, Cardiomyopathies, Shock, hypotension, collapse
- Anaemias and coagulopathies, obstructive & restrictive pulmonary disorders, respiratory failure
- Motor, sensory & vegetative disorders, Neuropathies, Degenerative & demyelinating diseases, Epilepsy, Pain,
- Cerebrovascular diseases, Higher nervous disorders & dementia,
- Hypoth. hypophyseal. disorders, Thyroid and parathyroid gland dysfunction, Supraren diroders, Diabetes mellitus and its acute a& chronic complications,
- Renal failure, Glomerulopathies, tubulopathies, renovascular diseases, Renal stones,

#### **Recommended literature:**

McCance, K.L., Sue E. Huether, S.E.: Pathophysiology - The Biologic Basis for Disease in Adults and Children. 5th Ed., Mosby, Elsevier, 2006, 1808 p., ISBN: 0323035078

2. Kumar, V., Abbas, A., Fausto, N.: Robbins & Cotran Pathologic Basis of Disease, 7th edition, Sauders Publ., 2004

1552 p., ISBN 0721601871

3. McPhee. S. J., Lingappa, V.R., Ganong, W.F. Pathophysiology of Disease. McGraw-Hill/Appleton & Lange, 4th ed., 2002, 760 p. ISBN-10: 0071387641

4. Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ.; 2000, 406 p., ISBN-10: 0865778663

# Course language:

**Notes:** 

# **Course assessment**

Total number of assessed students: 307

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.84	1.3	5.86	18.89	15.64	7.82	0.65

**Provides:** MVDr. Eva Lovásová, PhD., doc. MUDr. Oliver Rácz, CSc., doc. MUDr. Roman Beňačka, CSc., mim.prof., MUDr. Eva Sedláková, PhD., MVDr. Jaroslava Králiková, PhD., MUDr. Lenka Šalamonová Blichová, MUDr. Marek Brenišin

Date of last modification: 01.10.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** UPF/ Course name: Pathological Physiology 2

PP-DM2/15

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.

**Prerequisities:** UPF/PP-DM1/15

# **Conditions for course completion:**

# **Learning outcomes:**

Special pathophysiology for dentistry renders the basic overview of the etiopathogenesis, symptomatology and principal diagnostic findings in the clinically most important disease states and syndromes arising from the all major systems of the human body with the main focus on oral diseases and oral manifestations of systemic diseases.

### **Brief outline of the course:**

Disorders of the oral cavity (systematic categorisation based on the type of laesions and etiology), dysphagia, disorders of salivation, xerostomia, disorders of dentition due to systemic diseases

- Esophageal, gastric disorders, Peptic ulcer, Maldigestion, Colon disorders, Liver disorders, Icterus, Hepatitis
- Valvular & other congenital, acquired disorders, Ischaemic heart disease, Atherosclerosis, Hypertension, Angina pectoris & myocardial infarction, Cardiac dysrrhythmias, Cardiomyopathies, Shock, hypotension, collapse
- Anaemias and coagulopathies, obstructive & restrictive pulmonary disorders, respiratory failure
- Motor, sensory & vegetative disorders, Neuropathies, Degenerative & demyelinating diseases, Epilepsy, Pain,
- Cerebrovascular diseases, Higher nervous disorders & dementia,
- Hypoth. hypophyseal. disorders, Thyroid and parathyroid gland dysfunction, Supraren diroders, Diabetes mellitus and its acute a& chronic complications,
- Renal failure, Glomerulopathies, tubulopathies, renovascular diseases, Renal stones,

#### **Recommended literature:**

McCance, K.L., Sue E. Huether, S.E.: Pathophysiology - The Biologic Basis for Disease in Adults and Children. 5th Ed., Mosby, Elsevier, 2006, 1808 p., ISBN: 0323035078

2. Kumar, V., Abbas, A., Fausto, N.: Robbins & Cotran Pathologic Basis of Disease, 7th edition, Sauders Publ., 2004

1552 p., ISBN 0721601871

3. McPhee. S. J., Lingappa, V.R., Ganong, W.F. Pathophysiology of Disease. McGraw-Hill/Appleton & Lange, 4th ed., 2002, 760 p. ISBN-10: 0071387641

4. Silbernagl, S., Lang, F.: Color Atlas of Pathophysiology. Thieme Med. Publ.; 2000, 406 p., ISBN-10: 0865778663

# Course language:

**Notes:** 

# **Course assessment**

Total number of assessed students: 278

A	В	С	D	Е	FX
3.96	11.87	27.34	20.86	21.22	14.75

**Provides:** doc. MUDr. Roman Beňačka, CSc., mim.prof., doc. MUDr. Oliver Rácz, CSc., MVDr. Eva Lovásová, PhD., MUDr. Eva Sedláková, PhD., MVDr. Jaroslava Králiková, PhD., MUDr. Lenka Šalamonová Blichová, MUDr. Marek Brenišin, Silvia Huličová

Date of last modification: 11.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PE- | Course name: Periodontology 1

DM1/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 9.

Course level: I.II.

**Prerequisities:** SK/CD-DM3/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

### Course assessment

Total number of assessed students: 181

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
45.86	38.12	9.94	2.76	0.0	2.21	1.1

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Eva Janitorová, PhD., MUDr. Adriana Čečetková, PhD., doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Koloman Frankovič, CSc., MUDr. Marta Kopčáková, CSc., MUDr. Katarína Voltérová, MUDr. Mária Eötvöšová, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Petra Berešová, MUDr. Silvia Timková, PhD., MDDr. Zuzana Drotárová, MDDr. Martina Kyjovská Čičváková, PhD., MDDr. Zuzana Schwartzová, MDDr. Jana Kluknavská

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PE- | Course name: Periodontology 2

DM2/15

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

**Prerequisities:** SK/PE-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 155

A	В	С	D	Е	FX
54.84	14.19	15.48	7.1	7.74	0.65

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Michal Orenčák, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Adriana Čečetková, PhD., MUDr. Marta Kopčáková, CSc., MUDr. Janka Jenčová, PhD., MUDr. Mária Eötvöšová, PhD., MUDr. Katarína Voltérová, MUDr. Petra Berešová, MDDr. Martina Kyjovská Čičváková, PhD., MUDr. Adriána Petrášová, PhD., MDDr. Jana Kluknavská, MUDr. Daniel Urban, PhD., MDDr. Eva Dobranská, MUDr. Silvia Timková, PhD.

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PE- | Course name: Periodontology 3

DM3/15

Course type, scope and the method:

Course type: Lecture / Practice

**Recommended course-load (hours): Per week: Per study period:** 22s / 66s

Course method: present

**Number of ECTS credits: 5** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

**Prerequisities:** SK/PE-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 152

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.34	38.82	9.87	1.97	0.0	0.0	0.0

**Provides:** MDDr. Martina Kyjovská Čičváková, PhD., MDDr. Zuzana Drotárová, MDDr. Jana Kluknavská, MDDr. Eva Dobranská, MUDr. Silvia Timková, PhD., MDDr. Jana Ohlasová

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: UFR/

Course name: Pharmacology 1

PM-DM1/15

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.

Prerequisities: UFZ/MP-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

Course assessment

Total number of assessed students: 298

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
48.66	25.84	11.07	5.37	4.03	4.7	0.34

**Provides:** MUDr. Zuzana Solárová, PhD., doc. MVDr. Martina Bago Pilátová, PhD., prof. MUDr. Ladislav Mirossay, DrSc., prof. MVDr. Ján Mojžiš, DrSc., RNDr. Andrej Miroššay, PhD., MVDr. Martina Zigová, PhD., RNDr. Matúš Čoma, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of M	Medicine
Course ID: UFR/ PM-DM2/16	Course name: Pharmacology 2
Course method: pre	re / Practice rse-load (hours): study period: 28 / 28 esent
Number of ECTS cr	
Recommended seme	ster/trimester of the course: 6.
Course level: I.II.	
Prerequisities: UFR/	PM-DM1/15
_	vith a comprehensive introduction to the fundamental Pharmacology and uses of drugs currently used in medical practice.
failure, diuretics, an vasodilators, anticoag - drugs used to treat glucocorticoids, sex h - antimicrobial drugs sulfonamides, quinol antiviral agents, imm - anticancer drugs	y including: diovascular system and blood /antianginal drugs, drugs used to treat heart atihypertensive drugs, antidysrrhythmic drugs, hypolipidemics, peripheral gulants and antiagregatory drugs, antianaemic drugs/ thormonal dysbalance /antidiabetics, drugs used to treat thyroid disorders, hormones/ /penicillins, cephalosporins, other antibiotics, antistaphylococcal antibiotics, ones and antituberculotic drugs, antifungal, antiparasitic, antimalarial drugs,
2009, pp.564	ature: cott's Illustrated Reviews Pharmacology 4th edition, Wolters Kluwer health, and Dale's Pharmacology 7th edition, Elsevier, 2012, pp.777
Course language:	

**Notes:** 

Course assessm	Course assessment										
Total number of assessed students: 276											
A	В	С	D	Е	FX						
6.52	13.41	21.01	20.29	23.55	15.22						

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

**Date of last modification:** 14.03.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Course name: Physiotherapy

KFBLR/Ph-DM/18

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.

Prerequisities: UP/PA-DM2/19,UPF/PP-DM2/15

#### **Conditions for course completion:**

Students are required to participate at all parts (100 % participation). The exam will be in a written form .The course is assessed by an assessment mark. The mark reflects the quality of acquiring knowledge in accordance with the study subject objectives.

# **Learning outcomes:**

#### **Brief outline of the course:**

Modern aspects of physiotherapy and complex rehabilitation. Definition and classification of physical therapy modalities. Effects, indications, contraindications. Physical therapy, electrotherapy, phototherapy, thermotherapy. Principles of soft tissue and mobilization techniques. Mobilisation and soft tissue techniques in the orofacial region. Postisometric relaxation in the orofacial region. Rehabilitation of complications after tooth extraction. Rehabilitation of orofacial trauma. Rehabilitation of soft tissue injuries in orofacial region. Rehabilitation of facial bones injuries. Jaw muscles contracture, etiology, diagnosis, therapy. Dysfunction of temporomandibular joint and physiotherapy. Rehabilitation after temporomandibular joint prosthesis. Rehabilitation of dysphagia. Rehabilitation for cervical spine and central nervous system diseases. Physiotherapy treatment for trigeminal neuralgia. Rehabilitation aspects of craniofacial prosthetics. Physiotherapy in functional disorders of the chewing muscles, head fascia, muscle chains. Functional and psychosocial aspects of rehabilitation in maxillofacial oncology

#### **Recommended literature:**

Ward A B, Barnes M P, Stark S C, Ryan S. Oxford handbook of clinical rehabilitation. 2 nd ed., Oxford

University Press. 2009, 465 p., ISBN 978-0-19-955052-4

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 assessm	Course assessment										
Total number of assessed students: 108											
Α	В	С	D	Е	FX						
80.56	18.52	0.93	0.0	0.0	0.0						

**Provides:** doc. MUDr. Peter Takáč, PhD., mim. prof., doc. doc. PhDr. Magdaléna Hagovská, PhD., MUDr. Anna Kubincová, PhD., doc. PhDr. Viliam Knap, PhD., MHA, MPH

**Date of last modification:** 20.03.2018

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

LFPAGM/16

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: 2., 4.

Course level: I.II.

**Prerequisities:** KKF/LFMT/07

# **Conditions for course completion:**

Method of instruction - distance/online (ms teams)

Active participation, max. 2 absences.

2 tests, mini-presentation.

A minimum final overall average of 60 percent is required. Students with a final overall average lower than 60 percent are not allowed to register for the final exam, i. e. their final grade is FX.

Exam - written test.

Finall assessment is based on the results of exam (50%) and continuous assessment (50%).

Scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.

# **Learning outcomes:**

The development of language skills (reading, writing, speaking), improvement of linguistic competence (grammar and syntax), development of professional vocabulary with focus on English for General and Dental Medicine, level B1.

### **Brief outline of the course:**

Tenses

Irregular verbs

Passive and active voice

Countable and uncountable nouns, adjectives and adverbs

Prepositions

Relative clauses

Modal verbs

Conditionals

Text cohesion and coherence

Language functions: defining, classifying, expressing function, cause and effect, purpose, result, making suggestions, giving advice etc.

#### **Recommended literature:**

Vince, M.: Macmillan English Grammar In Context. Intermediate. Macmillan Publishers Limited, 2007.

Vince, M.: Macmillan English Grammar In Context. Advanced. Macmillan Publishers Limited, 2008.

Course language:								
Notes:								
C <b>ourse assessn</b> Total number o	nent f assessed studen	ts: 133						
A	В	С	D	Е	FX			
	25.56	17.29	12.78	7.52	5.26			

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** CJP/ **Course name:** Practical Slovak Grammar

LFPSG/11

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.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-GM1/09, Dek. LF UPJŠ/SL-GM2/15

# **Conditions for course completion:**

Active participation. Max. 2 absences. If the student is suspected (has a doctor-recommended isolation for COVID-19 symptoms or ordered PCR testing or COVID-19) or confirmed coronavirus disease (COVID-19), the student is obliged to inform the faculty and his/her teacher as the second recipient of the email (via email: If-studijne@upjs.sk, firstname.surname@upjs.sk). The student with suspicion of illness is excluded from full-time teaching until the results of his negative PCR test. In this case the student continues with a substitutional study form in accordance with his/her teacher's instructions. Students write 2 continuous assessment tests (week 7 and week 13) during the semester. The minimum score of 60% for each test is required. There are no retakes during the semester. Students who have achieved less than 60% may have one retake of the test in week 14 (the minimum score of 60% percent is required). In the event of failure to attain the limit, the examination procedure is not permitted, and the student is graded FX – failed. Final assessment is based on the results of the final written exam. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0%. The study form: in person/distant/combined in accordance with epidemiological situation and the Rector's order (No.15/2020).

#### Learning outcomes:

Students with acquired skills of Slovak grammar are able to participate effectively with patients and also in a variety of common situations of everyday communication.

# **Brief outline of the course:**

At the University. Human Body. Medical and Health Professions. In Hospital. Medical Examination. Communication Doctor – Patient. Selected Grammatical Features (grammatical cases; present, past and future tenses; prepositional phrases; imperative forms; conditional sentences; reflexive verbs with "sa/si").

# **Recommended literature:**

Materials prepared by teachers in print and electronic forms.

# Course language:

Slovak Language A1.1 - A1.2

Notes:

Course assessment Total number of assessed students: 235							
Α	В	С	D	Е	FX		
36.17	25.53	16.17	4.26	6.38	11.49		
<b>Provides:</b> Mgr.	Veronika Pálová						

**Date of last modification:** 20.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

LFPE/11

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: 1 Per study period: 14

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 5., 7.

Course level: I.II.

**Prerequisities:** KKF/LFMT/07

# **Conditions for course completion:**

Active participation, max. 1 absence. (not being present during seminars or online lessons, failing to hand in the assignments on time)

Combined learning method consists of 2 regular classes (weeks 1. And 2.) and distance method (3.-14. week) with combining online classes with self-study.

1 test (online, through MS Teams), oral presentations (online, through MS Teams) (self-presentation, product/person presentation, conference presentation, case presentation)

A minimum final overall average of 60 percent is required. Students with a final overall average lower than 60 percent are not allowed to register for the final exam, i.e. their final grade is FX. Exam - oral presentation (online, through MS Teams).

Final assessment is based on the results of exam (50%) and continuous assessment (50%).

Scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.

# Learning outcomes:

Development of professional vocabulary with focus on medical English and language of oral presentations in the academic and medical environment, enhancement of presentation skills.

#### **Brief outline of the course:**

Types of presentations

Language of presentations

Conference presentations

Poster presentation

Structure of presentations

Presentation of data

Case presentation

Selected grammar (prepositional phrases, collocations, etc.)

#### Recommended literature:

Glendinning, E. H.- Howard, R.: Professional English in Use – Medicine, CUP, 2007

McCarthy, M., Felicity O'Dell: English Vocabulary in Use. Advanced. CUP, 2002

Williams, Erica J.: Presentations in English. MacMillan, 2008

Dictionary of Medicine. Peter Collin Publishing, 1996

Powel, M.: Dynamic Presentations. CUP, 2010

Armer, T.: Cambridge English for Scientists. CUP, 2011										
B1-B2 level ac	ge: cording to CERF									
Notes:										
Course assessment Total number of assessed students: 280										
A	В	С	D	Е	FX					
65.0	15.71	9.64	4.64	1.07	3.93					
Provides: Mgr.	Tomáš Sňahničar	n, PhD.	•							
Date of last mo	dification: 17.09	.2020								
Approved: Dr.l	n.c. prof. MUDr. A	Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH								

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: 1

PreD-DM/15

**Course name:** Preventive Dental Medicine

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.

**Prerequisities:** SK/PDM-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 453

A	В	С	D	Е	FX
35.32	26.27	20.97	5.96	7.95	3.53

**Provides:** MDDr. Martina Kyjovská Čičváková, PhD., MUDr. Silvia Timková, PhD., MDDr. Zuzana Drotárová, MDDr. Viktória Kucková, MDDr. Petra Bejdová, MDDr. Jaroslav Ďurica, MUDr. Adriána Petrášová, PhD., MUDr. Jana Ondrašovičová, PhD., MDDr. Zuzana Schwartzová, MDDr. Jana Kluknavská, MUDr. Magdaléna Galdunová, MDDr. Eva Dobranská

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** IK/PM- | Course name: Preventive Medicine

DM/19

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.

# **Prerequisities:**

#### **Conditions for course completion:**

- 1. Attendance confirmed in the student's book, possible two asbsences, more needs to compensate
- 2. Appreciation of the knowledge during classes by the teacher
- 3. To the exam bring the student's book with the appreciation
- 4. The exam in the form of test, 30 questions, needs to achieve 60%

# **Learning outcomes:**

#### **Brief outline of the course:**

Preventive medicine, definition, organization, education, public health.Preventive cardiology.Nutrition, prevention of obesity, diabetes.Cancer – epidemiology, statistics, prevention.Travel medicine.Probiotics. Physical exercise – how much is too much.Infectious diseases

#### **Recommended literature:**

- 1. Dzurenková, D., Marček, T., Hájková, M.: Essentials of Sports Medicine. Bratislava: CU, 2000. 22pp.
- 2. Marček, T. et all.: Sports Medicine (Manual of Practical Sports Medicine). Bratislava: CU, 1995.76 p.
- 3. Harries, M., Williams, C., Stanish, W.D., Micheli, L.J.: Oxford Textbook of Sports Medicine. Oxford: Oxford University Press, 1994. 748 p.

# Course language:

#### **Notes:**

#### Course assessment

Total number of assessed students: 114

A	В	С	D	Е	FX
98.25	0.0	0.0	0.0	1.75	0.0

**Provides:** prof. MUDr. Daniel Pella, PhD., MUDr. Ivan Majerčák, MUDr. Peter Horváth, doc. MUDr. Viola Vargová, PhD., doc. MUDr. Ján Fedačko, PhD., MUDr. Jana Deptová, PhD., MUDr.

Božena Palovičová, PhD., doc. MUDr. Ingrid Dravecká, PhD., Mgr. MUDr. Štefan Tóth, MBA, PhD., MUDr. Ivana Trojová, prof. MUDr. Pavol Jarčuška, PhD.

Date of last modification: 10.05.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/PC- | **Course name:** Professional Clerkship 1

DM1/18

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: Per study period: 80s

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 4.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

### Course assessment

Total number of assessed students: 323

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.38	0.62	0.0	0.0	0.0	0.0	0.0

Provides: doc. MUDr. Milan Kotráň, CSc., mim.prof., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. Neda Markovská, CSc., doc. MUDr. Dušan Beluš, CSc., MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Eva Janitorová, PhD., MUDr. Angelika Hanzenová, MUDr. Lucia Kovácsová, PhD., MUDr. Peter Kizek, PhD., MPH, MUDr. Adriana Čečetková, PhD., MUDr. Žaneta Majerníková, PhD., doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Koloman Frankovič, CSc., MUDr. Darina Hagovská, MUDr. Marta Kopčáková, CSc., MUDr. Marián Kyseľ, PhD., MUDr. Ľudmila Madarová, CSc., MUDr. Ivica Rozprávková, MUDr. Katarína Voltérová, MUDr. Mária Eötvöšová, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Margaréta Tamášová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Marcela Šatanková, MUDr. Petra Berešová

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/PC- | **Course name:** Professional Clerkship 2

DM2/18

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: Per study period: 120s

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 6.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

### Course assessment

Total number of assessed students: 237

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.58	0.42	0.0	0.0	0.0	0.0	0.0

Provides: doc. MUDr. Milan Kotráň, CSc., mim.prof., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. Neda Markovská, CSc., doc. MUDr. Dušan Beluš, CSc., MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Eva Janitorová, PhD., MUDr. Angelika Hanzenová, MUDr. Lucia Kovácsová, PhD., MUDr. Peter Kizek, PhD., MPH, MUDr. Adriana Čečetková, PhD., MUDr. Žaneta Majerníková, PhD., doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Koloman Frankovič, CSc., MUDr. Darina Hagovská, MUDr. Marta Kopčáková, CSc., MUDr. Marián Kyseľ, PhD., MUDr. Ľudmila Madarová, CSc., MUDr. Ivica Rozprávková, MUDr. Katarína Voltérová, MUDr. Mária Eötvöšová, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Margaréta Tamášová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Marcela Šatanková, MUDr. Petra Berešová, MUDr. Adriána Petrášová, PhD.

### Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/PC- | **Course name:** Professional Clerkship 3

DM3/18

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: Per study period: 120s

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

Prerequisities: SK/CD-DM4/09,SK/PD-DM4/15,SK/PE-DM2/15,SK/PaD-DM2/15,SK/O-

DM2/15,SK/DS-DM3/15,Dek. LF UPJŠ/SL-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

Brief outline of the course:

**Recommended literature:** 

**Course language:** 

**Notes:** 

#### Course assessment

Total number of assessed students: 158

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
100.0	0.0	0.0	0.0	0.0	0.0	0.0

Provides: doc. MUDr. Milan Kotráň, CSc., mim.prof., Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, prof. MUDr. Neda Markovská, CSc., doc. MUDr. Dušan Beluš, CSc., MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Eva Janitorová, PhD., MUDr. Angelika Hanzenová, MUDr. Lucia Kovácsová, PhD., MUDr. Peter Kizek, PhD., MPH, MUDr. Adriana Čečetková, PhD., MUDr. Žaneta Majerníková, PhD., doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Koloman Frankovič, CSc., MUDr. Darina Hagovská, MUDr. Marta Kopčáková, CSc., MUDr. Marián Kyseľ, PhD., MUDr. Ľudmila Madarová, CSc., MUDr. Ivica Rozprávková, MUDr. Katarína Voltérová, MUDr. Mária Eötvöšová, PhD., MUDr. Stanislav Andrejko, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Vladimíra Schwartzová, PhD., MPH, MUDr. Margaréta Tamášová, PhD., MUDr. Jana Kaiferová, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Igor Jutka, MPH, MUDr. Marcela Šatanková, MUDr. Petra Berešová

**Date of last modification:** 

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ | Course name: Propedeutics of Dental Medicine 1

PDM-DM1/15

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:** 1.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

Course assessment

Total number of assessed students: 513

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
49.32	19.88	12.28	8.19	4.09	4.48	1.75

**Provides:** MDDr. Andrea Stašková, MDDr. Juraj Bánovčin, PhD., MDDr. Jaroslav Ďurica, MDDr. Martina Kyjovská Čičváková, PhD., MDDr. Renáta Urban, MUDr. Jana Ondrašovičová, PhD., MDDr. Jozef Jendruch, Zuzana Tkačová, MDDr. Zuzana Drotárová, MDDr. Milan Kotráň, MDDr. Svetlana Rusnáková, MDDr. Petra Bejdová, MDDr. Martina Viňanská, MDDr. Lenka Soták Benedeková

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Propedeutics of Dental Medicine 3

PDM-DM3/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 2 / 4 Per study period: 28 / 56

Course method: present

**Number of ECTS credits: 7** 

Recommended semester/trimester of the course: 3.

Course level: I.II.

Prerequisities: SK/PDM-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 402

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.24	24.38	12.19	6.47	2.49	2.49	0.75

**Provides:** MDDr. Andrea Stašková, MDDr. Jaroslav Ďurica, MDDr. Juraj Bánovčin, PhD., MUDr. Marcela Šestáková, PhD., MDDr. Petra Bejdová, MUDr. Magdaléna Galdunová, MDDr. Lenka Soták Benedeková

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Propedeutics of Dental Medicine 4

PDM-DM4/15

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 4 Per study period: 28 / 56

Course method: present

**Number of ECTS credits: 8** 

Recommended semester/trimester of the course: 4.

Course level: I.II.

**Prerequisities:** SK/PDM-DM3/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 368

A	В	С	D	Е	FX
23.37	19.02	15.22	13.04	16.03	13.32

**Provides:** MDDr. Jaroslav Ďurica, MDDr. Andrea Stašková, MDDr. Juraj Bánovčin, PhD., PhDr. Gabriela Štefková, PhD., doc. PhDr. Mária Zamboriová, PhD., mim. prof., MUDr. Vladimíra Schwartzová, PhD., MPH, MDDr. Lenka Soták Benedeková

Date of last modification: 19.03.2020

Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

Page: 129

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Propedeutics of Dental Medicine 2

PDM-DM2/15

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: 7** 

Recommended semester/trimester of the course: 2.

Course level: I.II.

**Prerequisities:** SK/PDM-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 244

A	В	С	D	Е	FX
22.13	17.21	23.77	12.7	18.85	5.33

**Provides:** MUDr. Jana Ondrašovičová, PhD., MDDr. Juraj Bánovčin, PhD., MDDr. Jaroslav Ďurica, MDDr. Andrea Stašková, MDDr. Lenka Soták Benedeková, MDDr. Zuzana Schwartzová

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/PD- | **Course name:** Prosthetic Dentistry 1

DM1/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 3 Per study period: 14 / 42

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 6.

Course level: I.II.

**Prerequisities:** SK/PDM-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 249

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.2	23.69	13.65	7.63	0.8	2.81	1.2

**Provides:** MUDr. Marcela Šestáková, PhD., MDDr. Andrea Stašková, MDDr. Petra Bejdová, MDDr. Denisa Hlubeňová Gidová

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PD- | Course name: Prosthetic Dentistry 2

DM2/15

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 3** 

**Recommended semester/trimester of the course:** 7.

Course level: I.II.

**Prerequisities:** SK/PD-DM1/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 216

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
43.52	24.07	13.43	8.33	6.94	3.24	0.46

**Provides:** MUDr. Marcela Šestáková, PhD., MDDr. Viktória Kucková, MDDr. Peter Harich, MDDr. Andrea Stašková, MUDr. Magdaléna Galdunová, MUDr. Zuzana Slivečková

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/PD- | Course name: Prosthetic Dentistry 3

DM3/19

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/4 Per study period: 14/56

Course method: present

**Number of ECTS credits: 3** 

Recommended semester/trimester of the course: 8.

Course level: I.II.

**Prerequisities:** SK/PD-DM2/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 175

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
52.57	14.29	16.57	5.71	8.0	2.86	0.0

**Provides:** MUDr. Marcela Šestáková, PhD., MDDr. Viktória Kucková, MDDr. Petra Bejdová, MDDr. Andrea Stašková

**Date of last modification:** 

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PD- | Course name: Prosthetic Dentistry 4

DM4/15

Course type, scope and the method:

Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 4** 

Recommended semester/trimester of the course: 9.

Course level: I.II.

**Prerequisities:** SK/PD-DM3/19

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 177

A	В	С	D	Е	FX
42.37	27.68	13.56	6.78	8.47	1.13

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Mária Eötvöšová, PhD., MUDr. Igor Jutka, MPH, MUDr. Milan Bereš, PhD., MPH, MUDr. Adriana Čečetková, PhD., MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Katarína Voltérová, MUDr. Nikola Mitrová, PhD., MUDr. Koloman Frankovič, CSc., doc. MUDr. Eugen Ďurovič, DrSc., MUDr. Marta Kopčáková, CSc., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Petra Berešová, MUDr. Marcela Šestáková, PhD., MDDr. Andrea Stašková, MUDr. Jana Ondrašovičová, PhD., MUDr. Adriána Petrášová, PhD.

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PD- | Course name: Prosthetic Dentistry 5

DM5/19

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: 1/3 Per study period: 14/42

Course method: present

**Number of ECTS credits: 4** 

Recommended semester/trimester of the course: 10.

Course level: I.II.

**Prerequisities:** SK/PD-DM4/15

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

### Course assessment

Total number of assessed students: 160

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
50.63	30.63	5.0	8.75	2.5	2.5	0.0

**Provides:** Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH, MUDr. Michal Orenčák, PhD., MUDr. Janka Jenčová, PhD., MUDr. Mária Eötvöšová, PhD., MUDr. Jarmila Chrenková-Klemová, PhD., MUDr. Nikola Mitrová, PhD., MUDr. Milan Bereš, PhD., MPH, MUDr. Petra Berešová, MUDr. Marcela Šestáková, PhD., MDDr. Andrea Stašková, MDDr. Peter Harich, MDDr. Petra Bejdová, MUDr. Zuzana Slivečková

# Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/PD- | Course name: Prosthetic Dentistry 6

DM6/15

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours): Per week: Per study period: 22s / 110s

Course method: present

**Number of ECTS credits: 7** 

Recommended semester/trimester of the course: 11., 12..

Course level: I.II.

**Prerequisities:** SK/PD-DM5/19

**Conditions for course completion:** 

**Learning outcomes:** 

Brief outline of the course:

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 158

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
46.2	32.28	10.76	6.33	3.16	1.27	0.0

**Provides:** MUDr. Janka Jenčová, PhD., MUDr. Marcela Šestáková, PhD., MUDr. Jana Ondrašovičová, PhD., MDDr. Andrea Stašková, MDDr. Denisa Hlubeňová Gidová, MDDr. Peter Harich, MDDr. Petra Bejdová, MUDr. Ján Kučera, Ph.D.

Date of last modification: 24.04.2017

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** 1. PK/ | **Course name:** Psychiatry

PT-DM/16

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.

Prerequisities: 1. PK/PMC-DM/18,UPF/PP-DM1/15

#### **Conditions for course completion:**

- 1. Student has to attend minimally 85% of the practical lessons and minimally 50% of the lectures. In the case of absence, may substitute up to 2 practical lessons per semester.
- 2. Evaluation: active participation in practicals; permanent study check (control question). Successful completion of the written test minimum 60%.

# **Learning outcomes:**

The aim is to learn ethiology and pathophysiology of mental disorders, psychopathology, principles of classification in psychiatry, syndromes of mental disorders, diagnosis and treatment of mental disorders and communication with mentally ill patients. Student is skilled in making the diagnosis, differential diagnosis and basics of therapy of specific groups of mental disorders, first aid in psychiatry. He/she has knowledges about legal and ethical issues of mentally ill. Students fulfil requirements for communication with mentally ill patients and communication with another specialists and psychiatrists as well.

# **Brief outline of the course:**

- psychiatry history of psychiatry and its content
- etiology and pathophysiology
- psychopathology, signs and symptoms of mental disorders /disturbances of perception, mood, thinking, memory, motor

activity and behavior, intelligence, consciousness and attention, personality/

- diagnosis in psychiatry, syndromes of mental disorders principles of classification in psychiatry
- treatment of mental disorders biological treatment and psychopharmacology
- psychotherapy, psychoeducation and rehabilitation in psychiatry
- communication with mentally ill patients and communication with another specialists and psychiatrists
- schizophrenia and schizophrenia like disorders
- mood disorders focus on depression
- organic and symptomatic mental disorders, cognitive disorders
- reactive (stress-related) mental disorders, anxiety, OCD, somatoform and dissociative disorders,...
- alcoholism and other substance use disorders
- mental disorders of childhood and adolescence

- geriatric psychiatry
- personality disorders, behavioral syndromes
- legal and ethical aspects referring to psychiatric patients, social psychiatry

# **Recommended literature:**

- 1. Puri, Treasaden, Textbook of Psychiatry, 3rd edition, Churchill Livingstone, Elsevier, 2011
- 2. Pridmore S. Download of Psychiatry, Front matter. Last modified: October, 2015. http://eprints.utas.edu.au/287/

# Course language:

# **Notes:**

#### **Course assessment**

Total number of assessed students: 191

Total number of assessed statents. 171								
A	В	C	D	Е	FX			
78.01	10.99	8.9	2.09	0.0	0.0			

**Provides:** doc. MUDr. Ivan Dóci, PhD., MUDr. Dagmar Breznoščáková, Ph.D., Mgr. MUDr. Jozef Dragašek, PhD., MHA, MUDr. Aneta Bednářová, PhD., MUDr. Jana Vančíková, PhD., MUDr. Zuzana Vančová, PhD., MUDr. Dominika Jarčušková, PhD.

Date of last modification: 26.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: 1. PK/ Co

**Course name:** Psychology and Medical Communication

PMC-DM/18

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: 3.

Course level: I.II.

**Prerequisities:** ULBL/MHB-DM1/15

# **Conditions for course completion:**

# **Learning outcomes:**

Get knowledge in basic psychological terminology, stressing clinical psychology, and its application in different medical settings. Basic orientation in main theories of personality and models of psychopathology. Psychodiagnostics and its use in clinical practice in specific medical situations, considering specific mental health changes. Psychotherapy – gain orientation in basic psychotherapeutic approaches, in basic psychotherapeutic methods. Possibilities and limits of psychotherapy in medical specializations. Bio-psycho-social model of health and illness. Psychosomatic disorders and their managment. Theoretical and practical knowledge of principles of effective verbal and nonverbal communication in general, as well as their implementation in difficult interpersonal situations (partner, professional relationships, relationship patient-physician, physician-patients relative).

# **Brief outline of the course:**

- Psychology as a profession, theoretical and application disciplines, clinical psychologist as a member of the diagnostic and therapeutic team
- Problem of personality, main teories of personality, and main models of psychopathology. The problem of normality
- Psychodiagnostics basic methods used in clinical practice, their indication and practical contribution in the process of treatment
- Psychotherapy main theories and schools. Basic methods of psychotherapy. Indications of psychotherapy considering the specific disorder.
- Bio-psycho-social model of illness and health, psychosomatic disorders, behavioral medicine, psychohygiene.
- Verbal and nonverbal communication, principles of effective communication. Managment of difficult situations in medical practice.

#### **Recommended literature:**

- 1. 100 % aktívna účasť na praktických cvičeniach, v prípade neprítomnosti možná náhrada maximálne
- 2 cvičení za semester.
- 2. Dosiahnutie minimálne 70 % úspešnosti testu priebežného hodnotenia a 80% úspešnosti testu

záverečného hodnotenia za daný semester.

Course language:

Notes:

Course assessment

Total number of assessed students: 260

Total number of assessed students: 360

A B C D E H

A B C D E FX
47.5 33.33 12.5 3.61 3.06 0.0

Provides: PhDr. Martina Chylová, PhD., PhDr. Milana Kovaničová, CSc., Mgr. Lívia Peštová

Date of last modification: 27.09.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: KRNM/ Course name:

R-DM/15

Course name: Radiology

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14

Course method: present

**Number of ECTS credits: 3** 

**Recommended semester/trimester of the course:** 5.

Course level: I.II.

**Prerequisities:** 

# **Conditions for course completion:**

Written test.

# **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:**

Muchová, T., Rádiológia pre medikov. Košice: UPJŠ 2017

### Course language:

Notes:

# **Course assessment**

Total number of assessed students: 182

A	В	С	D	E	FX
72.53	8.79	7.14	5.49	6.04	0.0

Provides: MUDr. Tatiana Špakovská, PhD.

Date of last modification: 21.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** CJP/ Course name: Reading Medical Texts in Slovak

LFCLTS/16

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., 10.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM4/15 and leboDek. LF UPJŠ/SL-GM4/15

#### **Conditions for course completion:**

Students are required to attend classes according to the schedule. Active participation is required. Students are not allowed to have more than 1 absence during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is 1 written test (week 6/7). The result of the test must be at least 60%. Students are given an opportunity to retake the test in the last week of the semester (week 14). Students with a result lower than 60% in the summer semester are not allowed to register for the final exam, i.e., their final grade is FX. The final assessment is based on the result of the final written exam. Grading scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60% FX 59% and less. The study form: in person/distant/combined in accordance with epidemiological situation and Rector's ordinances.

### **Learning outcomes:**

Consolidation of students' language skills (reading comprehension, pronunciation), the acquisition of grammatical and lexical structures and stylistic characteristics of specialised written discourse at A2 – B1 level.

#### **Brief outline of the course:**

Human Anatomy. Specialised Medical Examinations. Hospital Departments. Current Medical Problems.

#### Recommended literature:

Selected texts prepared by the teacher.

#### Course language:

English level B2 / Slovak level A2

# **Notes:**

### Course assessment

Total number of assessed students: 0

A	В	С	D	Е	FX
0.0	0.0	0.0	0.0	0.0	0.0

Provides: PaedDr. Lívia Barnišinová, PhD., Mgr. Veronika Pálová

**Date of last modification:** 10.02.2021

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: SK/ Course name: Seminar of Diploma Thesis 1

SDT-DM1/09

Course type, scope and the method:

Course type: Practice

Recommended course-load (hours): Per week: Per study period: 30s

Course method: present

**Number of ECTS credits: 2** 

**Recommended semester/trimester of the course:** 7.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 209

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.56	0.0	0.0	0.0	0.0	0.0	1.44

**Provides:** Mgr. Iveta Rajničová Nagyová, PhD., Mgr. Pavol Mikula, PhD., Mgr. Alexandra Husivargová, Mgr. Vladimíra Timková, Ing. Eva Matušovičová

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/ **Course name:** Seminar of Diploma Thesis 2

SDT-DM2/09

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: Per study period: 30s

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 8.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 183

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
97.81	0.0	0.0	0.0	0.0	0.0	2.19

**Provides:** 

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/ **Course name:** Seminar of Diploma Thesis 3

SDT-DM3/09

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.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 182

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.9	0.0	0.0	0.0	0.0	0.0	1.1

**Provides:** MUDr. Michal Orenčák, PhD., MUDr. Adriána Petrášová, PhD., MUDr. Marek Pytliak, PhD., MUDr. Adriána Petrášová, MDDr. Marcel Riznič, PhD., MUDr. Janka Jenčová, PhD.

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** SK/ **Course name:** Seminar of Diploma Thesis 4

SDT-DM4/09

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.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 152

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
96.71	1.32	0.0	0.0	0.0	0.0	1.97

**Provides:** 

Date of last modification:

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Dek. LF | Course name: Slovak Language 1

UPJŠ/SL-DM1/09

Course type, scope and the method: Course type: Lecture / Practice

Recommended course-load (hours): Per week: 0 / 4 Per study period: 0 / 56

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 1., 3.

Course level: I.II.

## **Prerequisities:**

## **Conditions for course completion:**

Active participation during the study period: Max. 4 absences. If the student is suspected (has a doctor-recommended isolation for COVID-19 symptoms or ordered PCR testing or COVID-19) or confirmed coronavirus disease (COVID-19), the student is obliged to inform the faculty and his/her teacher as the second recipient of the email (via email: lf-studijne@upjs.sk, firstname.surname@upjs.sk). A student with suspicion of illness is excluded from full-time teaching until the results of his negative PCR test. In this case the student continues with a substitutional study form in accordance with his/her teacher's instructions.

Students write 2 continuous assessment tests (week 6/7 and week 12/13) during the semester. The result of each test must be at least 60 percent. Students are given an opportunity to write the retake of the test with the results lower than 60 percent in the last week of the semester (week 14). The result of the retake test must be minimum 60 %. In case, that the minimum score of 60 % is not achieved, the student receives a grade FX.

Final assessment is based on the results of 2 continuous assessment tests. Grading scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60% FX 59% and less. The study form: in person/distant/combined in accordance with epidemiological situation and the Rector's order (No.15/2020).

## Learning outcomes:

Students achieve basic language skills with the focus on the communication in selected general and medical topics - language level A1.1.

### **Brief outline of the course:**

The Human Body. Doctor - Patient Communication at the Dentist's.

My Family. In the Town. Faculty of Medicine, Accommodation.

Numerals (0-100). Days of the Week. Personal Pronouns. Grammatical Gender. Nominative Case. Acussative Case.

Verbs - Conjugation in Present Tense.

### **Recommended literature:**

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD).

Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.

Madárová, I., Barnišinová, L., Pálová, V.: Pán doktor, hovoríte po slovensky? Košice, UPJŠ 2019.

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013. Doplnkové materiály pripravené vyučujúcimi v printovej a elektronickej forme.

## Course language:

English B2

## **Notes:**

## **Course assessment**

Total number of assessed students: 530

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
46.98	14.91	10.38	7.17	7.74	6.04	6.79

**Provides:** Oksana Humenna, CSc., PaedDr. Lívia Barnišinová, PhD., PhDr. Beáta Jurečková, PhD., Ing. Mgr. Ingrid Madárová, PhD., Mgr. Veronika Pálová, PhDr. Lucia Tóthová

Date of last modification: 21.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Dek. LF | Course name: Slovak Language 2

UPJŠ/SL-DM2/15

Course type, scope and the method:

Course type: Lecture / Practice Recommended course-load (hours):

Per week: 0 / 4 Per study period: 0 / 56

**Course method:** present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 2., 4.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM1/09

### **Conditions for course completion:**

Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than two absences during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is one continuous oral assessment (week 7/8). The result of the continuous oral assessment must be at least 60%. Students are given an opportunity to retake the continuous oral assessment in the last week of the semester (week 14). Students with a final result lower than 60% in the summer semester are not allowed to register for the final exam, i.e. their final grade is FX. The final assessment is based on the result of the final oral exam (60%) and the continuous oral assessment (40%). The final mark = the final oral exam (60%) + the continuous oral assessment (40%) = 100%.

Grading scale: A 100-93%, B 92-85%, C 84-77%, D 76-69%, E 68-60%, FX 59% and less. The study form: in person/distant/combined in accordance with epidemiological situation.

## Learning outcomes:

Students are able to communicate with patients at a dentist's, ask questions, give advice, etc. Language level A1.1

#### **Brief outline of the course:**

Medical topics: At the Dentist's. Oral Cavity. Set of Teeth. Teeth Types. Tooth Anatomy. In the Hospital. Dental Hygiene Instruments. Parodontosis. Dentist Office. Dental Instruments Set. General topics: Orientation in the Town. In the Restaurant.

Grammar: The Accusative Case. Imperative Forms. Modal Verbs. Past Tense. The Locative Case. The Instrumental Case.

### **Recommended literature:**

Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ 2020.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD).

Kamenárová, R. a kol.: Krížom – krážom. Slovenčina A1 – A2. Cvičebnica. Bratislava, Univerzita Komenského 2007.

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.

http://www.slovake.eu

Materials prepa	Materials prepared by teachers in electronic and printed versions.					
Course langua English level B	ge: 32/ Slovak level A	1.1				
Notes:						
	Course assessment Total number of assessed students: 444					
A	В	С	D	Е	FX	
31.53	14.64	17.57	16.67	17.34	2.25	
<b>Provides:</b>	Provides:					
Date of last modification: 10.02.2021						
Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH						

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Dek. LF | Course name: Slovak Language 3

UPJŠ/SL-DM3/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28

Course method: present

**Number of ECTS credits: 1** 

**Recommended semester/trimester of the course:** 3.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM2/15

### **Conditions for course completion:**

Active participation during the study period: Max. 2 absences. If the student is suspected (has a doctor-recommended isolation for COVID-19 symptoms or ordered PCR testing or COVID-19) or confirmed coronavirus disease (COVID-19), the student is obliged to inform the faculty and his/her teacher as the second recipient of the email (via email: lf-studijne@upjs.sk, firstname.surname@upjs.sk). A student with suspicion of illness is excluded from full-time teaching until the results of his negative PCR test. In this case the student continues with a substitutional study form in accordance with his/her teacher's instructions.

Students write 2 continuous assessment tests (week 6/7 and week 12/13) during the semester. The result of each test must be at least 60 percent. Students are given an opportunity to write the retake of the test with the results lower than 60 percent in the last week of the semester (week 14). The result of the retake test must be minimum 60 %. In case, that the minimum score of 60 % is not achieved, the student receives a grade FX.

Final assessment is based on the results of 2 continuous assessment tests. Grading scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60% FX 59% and less. The study form: in person/distant/combined in accordance with epidemiological situation and the Rector's order (No.15/2020).

## Learning outcomes:

Students are able to communicate with patients at the Dentist's, ask questions; and give advice or instructions - language level A1.2

### **Brief outline of the course:**

At the Dentist's Office. Dental Instrument Set. Dental Tools. Tooth Extraction. Medical Documentation. Case History. Doctor - Patient Communication.

Verbs - Conjugation in Present Tense, Past Tense and Future Tense, Genitive Case, Dative Case - Selectively

### **Recommended literature:**

Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD).

Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského

2009(+CD).

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013

# Course language:

English B2, Slovak A1.1- A1.2

## **Notes:**

## **Course assessment**

Total number of assessed students: 408

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
47.55	5.88	12.99	12.99	9.07	7.84	3.68

Provides: Oksana Humenna, CSc., PhDr. Beáta Jurečková, PhD., PaedDr. Lívia Barnišinová,

PhD., PhDr. Lucia Tóthová

Date of last modification: 21.09.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Dek. LF | Course name: Slovak Language 4

UPJŠ/SL-DM4/15

Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 0 / 2 Per study period: 0 / 28

Course method: present

**Number of ECTS credits:** 1

Recommended semester/trimester of the course: 4.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM3/15

## **Conditions for course completion:**

Students are required to attend Slovak language classes according to the schedule. Active participation is required. Students are not allowed to have more than one absence during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is one continuous oral assessment (week 7/8). The result of the continuous oral assessment must be at least 60%. Students are given an opportunity to retake the continuous oral assessment in the last week of the semester (week 14). Students with a final result lower than 60% in the summer semester are not allowed to register for the final exam, i.e. their final grade is FX. The final assessment is based on the result of the final oral exam (60%) and the continuous oral assessment (40%). The final mark = the final oral exam (60%) + the continuous oral assessment (40%) = 100%.

Grading scale: A 100-93%, B 92-85%, C 84-77%, D 76-69%, E 68-60%, FX 59% and less. The study form: in person/distant/combined in accordance with epidemiological situation.

## **Learning outcomes:**

Students are able to communicate with patients on basic level at the dental department. Language level A2.1

#### **Brief outline of the course:**

Dental Caries. Intensity, Type of Pain. Symptoms and Signs. Expression of Frequency. History Taking - Part II. (Allergic, Medication. Gynaecological, Social, Occupational History and Bad Habits).

Tooth Problems. Orthodontic Treatment. Types of Dental Braces. Dental Surgery. Children at the Dentist.

Genitive Case. Comparison of Adjectives. Adverbs. Diminutives.

## **Recommended literature:**

Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020.

Materials prepared by teachers.

https://slovake.eu

http://slovniky.juls.savba.sk

http://slovniky.korpus.sk

http://www.e-slovak.sk

Course langua; English level B	ge: 2 / Slovak level A	A1.2			
Notes:	·			-	
Course assessn Total number o	nent f assessed studen	ts: 335			
A	В	С	D	Е	FX
28.66	23.88	18.51	13.43	14.63	0.9
Provides:				<u>'</u>	
Date of last mo	dification: 10.02	2 2021			

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: CJP/ Course name: Slovak Language Communication Skills for Dental Practice

LFKZSZ2/16

Course type, scope and the method:

**Course type:** Practice

Recommended course-load (hours): Per week: 2 Per study period: 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 4., 6., 8.

Course level: I.II.

**Prerequisities:** CJP/LFKZSZ1/16

## **Conditions for course completion:**

Active participation, 2absences (2x90 min.) tolerated.

Test (6th/7th week), no retake. Minipresentation.

Students must obtain 60% in continuous assessment to be elligible for the final exam registration. Final exam - oral form.

Final evaluation = continuous assessment result (test + minipresentation) - 50%, oral exam - 50%. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.

## Learning outcomes:

The development of language/ communication skills (reading, writing, listening, speaking), improvement of linguistic competence of students with a focus on the use of the specialized language and terminology in the Dental medicine.

## **Brief outline of the course:**

Dentist - patient, dentist - dentist communication focused on the following areas:

Dental caries.

Preventive dentistry.

Anaesthesia in dentistry.

Dentist and AIDS.

Oral hygiene.

Tooth extraction.

Selected aspects of functional grammar (discussion, argumenting, description and characteristics, presentation).

### **Recommended literature:**

Steinerová, H.: Konverzačná príručka slovenčiny. Bratislava, Univerzita Komenského 2000.

Žigová, Ľ.: Komunikácia v slovenčine. Bratislava, Univerzita Komenského 1998.

Jurečková, B.: Slovenčina pre zubárov. Košice: UPJŠ, 2020.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD).

Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009.

Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009(+CD).

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.

Supplementary materials prepared by teachers in print and electronic form.

# Course language:

**Notes:** 

## Course assessment

Total number of assessed students: 0

A	В	С	D	Е	FX
0.0	0.0	0.0	0.0	0.0	0.0

Provides: PhDr. Beáta Jurečková, PhD.

**Date of last modification:** 16.06.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: CJP/ Course name: Slovak Language in Medicine

LFSM/16

Course type, scope and the method:

Course type: Practice

Recommended course-load (hours): Per week: 2 Per study period: 28

Course method: present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 4., 6.

Course level: I.II.

Prerequisities: Dek. LF UPJŠ/SL-DM2/15 and leboDek. LF UPJŠ/SL-GM2/15

### **Conditions for course completion:**

Students are required to attend classes according to the schedule. Active participation is required. Students are not allowed to have more than 1 absence during the semester. Students are expected to be on time to class. In case of late arrivals which happen more than 3 times, students are given an absence. There is 1 written test (week 6/7). The result of the test must be at least 60%. Students are given an opportunity to retake the test in the last week of the semester (week 14). Students with a result lower than 60% in the summer semester are not allowed to register for the final exam, i.e., their final grade is FX. The final assessment is based on the result of the final written exam. Grading scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60% FX 59% and less. The study form: in person/distant/combined in accordance with epidemiological situation and Rector's ordinances.

## **Learning outcomes:**

Consolidation of students' language skills (reading comprehension), the acquisition of grammatical and lexical structures and stylistic characteristics of specialised written and oral discourse at A2.1 level.

## **Brief outline of the course:**

Selected grammatical and lexical structures and stylistic characteristics of specialised written and oral discourse. Grammatical tenses and cases. Word-formation. Imperative Forms. Condicional. Phrasal idioms and phrases in medicine.

### **Recommended literature:**

Materials prepared by the teacher.

## Course language:

Slovak language A2

### **Notes:**

#### Course assessment

Total number of assessed students: 12

A	В	С	D	E	FX
58.33	41.67	0.0	0.0	0.0	0.0

Page: 158

**Provides:** Mgr. Veronika Pálová

 $\textbf{Date of last modification:}\ 10.02.2021$ 

University: P. J. Šafá	rik University in Košice
Faculty: Faculty of M	ledicine
Course ID: ÚTVŠ/ TVa/11	Course name: Sports Activities I.
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: cor	ce rse-load (hours): dy period: 28
Number of ECTS cr	edits: 2
Recommended seme	ster/trimester of the course: 1.
Course level: I., I.II.,	II.
Prerequisities:	
Conditions for course Conditions for course Min. 80% of active p	•
0 1 1	condition and performance within individual sports. Strengthening the its to the selected sports activity and its continual improvement.
University provides a floorball, yoga, pilated tennis, sports for unfile In the first two seme and particularities of a physical condition, condition, condition, condition, condition, condition to these means of a special properties of the physical education transport of the physic	
Recommended litera	ture:
Course language:	

**Notes:** 

Course asso	Course assessment							
Total numb	er of assesse	d students: 1	4050					
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs	
88.48	0.07	0.0	0.0	0.0	0.04	7.51	3.9	

**Provides:** Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD.

Date of last modification: 18.03.2019

	COURSE INFORMATION LETTER
University: P. J. Šafá	rik University in Košice
Faculty: Faculty of M	ledicine
Course ID: ÚTVŠ/ TVb/11	Course name: Sports Activities II.
Course type, scope a Course type: Practic Recommended cour Per week: 2 Per stu Course method: con Number of ECTS cro	ce rse-load (hours): dy period: 28 mbined, present
Recommended seme	ster/trimester of the course: 2.
Course level: I., I.II.,	II.
Prerequisities:	
	<u>-</u>
0 1 3	condition and performance within individual sports. Strengthening the its to the selected sports activity and its continual improvement.
University provides of floorball, yoga, pilated tennis, sports for unfile. In the first two semestand particularities of physical condition, condition, condition, condition, condition to the semestant provides of a special property of the semestant physical education transport of the semestant provides of the semistant provides	
Recommended litera	ture:
Course language:	

**Notes:** 

Course ass	Course assessment									
Total number of assessed students: 11330										
abs abs-A abs-B abs-C abs-D abs-E n ne							neabs			
85.75	0.56	0.02	0.0	0.0	0.05	9.87	3.75			

**Provides:** Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD.

Date of last modification: 18.03.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

**Course ID:** ÚTVŠ/ | **Course name:** Sports Activities III.

TVc/11

Course type, scope and the method:

Course type: Practice

Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: combined, present

**Number of ECTS credits: 2** 

**Recommended semester/trimester of the course:** 3.

Course level: I., I.II., II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 8383

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
90.11	0.05	0.01	0.0	0.0	0.02	4.04	5.76

**Provides:** Mgr. Marcel Čurgali, Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ÚTVŠ/ Course name: Sr

TVd/11

Course name: Sports Activities IV.

Course type, scope and the method:

Course type: Practice

Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: combined, present

**Number of ECTS credits: 2** 

Recommended semester/trimester of the course: 4.

Course level: I., I.II., II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 5101

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.2	0.29	0.04	0.0	0.0	0.0	6.76	7.7

**Provides:** Mgr. Marcel Čurgali, Mgr. Dana Dračková, PhD., Mgr. Agata Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Zuzana Küchelová, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD.

Date of last modification: 03.05.2015

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Dek. LF | Course name: Student Science Work - Presentation at SSC

UPJŠ/SSW/09

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.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

Course language:

**Notes:** 

Course assessment

Total number of assessed students: 40

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
95.0	2.5	0.0	0.0	0.0	0.0	2.5

**Provides:** 

Date of last modification:

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: 1. ChK/ Course name: Surgery GS-SS-DM/16 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. Prerequisities: ChK/S-DM5/15,1. KAIM/A-DM/15 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature:** Course language: **Notes:** Course assessment Total number of assessed students: 171 C Α В D Е FX 35.09 29.24 14.04 11.11 9.94 0.58 **Provides:** Date of last modification: Approved: Dr.h.c. prof. MUDr. Andrej Jenča, CSc., MPH

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: ChK/S-Course name: Surgery 1 DM1/16 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. **Prerequisities:** UFZ/MP-DM2/15 **Conditions for course completion:** 1. 100% attendance confirmed in the student's book, possible two absences needed to be compensated 2. Attendance 75% at lectures 3. Credit test, 20 questions, needs to achieve 12 points. **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:** Classification of surgery, history of surgery. Asepsis, antisepsis. Anesthesiology and anesthesia. Local, total, endotracheal narcosis and complications. Shock and treatment of surgical shock. Phlebitis – anticoagulation treatment in surgery. Wounds – classification, properties, healing and treatment. Preoperative care: general care, special care. Postoperative complications – surgical wounds, respiration system, cardiovascular system, gastrointestinal system, uropoetic apparatus, decubitus ulcers. Infections – pyogenic, anaerobic, specific. Connecting tissues, anastomosis, stoma in surgery Recommended literature: Frankovičová, M. et al.: Surgery for medical students. Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-202-4 Frankovičová, M., Kaťuchová J. et al.: Surgery for medical students. second revised edition, Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-581-0

Course language:

Notes:

	Course asses	Course assessment									
Total number of assessed students: 302											
	abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs				
	49.67	18.21	15.23	10.26	2.98	3.64	0.0				

Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, mim. prof., prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Igor Šulla, DrSc., prof. MUDr. Ladislav Valanský, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, doc. MUDr. Jozef Výrostko, CSc., prof. MUDr. Jana Kaťuchová, PhD. MBA, MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, MPH, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbul'ák, doc. MUDr. Michal Val'ko, PhD., MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Ján Babík, CSc., doc. MUDr. Radoslav Morochovič, PhD., MUDr. Andrej Vrzgula, PhD., doc. MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Marianna Zábavníková, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Pavel Staško, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, MUDr. Izabela Bosznayová, MUDr. Katarína Buzová, MUDr. Tomáš Gajdzik, PhD., MHA, MPH, MUDr. Tomáš Hildebrand, PhD., MUDr. Rastislav Kalanin, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., MUDr. Peter Pažinka, PhD., MPH, doc. MUDr. Marek Šoltés, PhD., MUDr. Diana Tomašurová, MUDr. Peter Zavacký, PhD., MPH, MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MPH, doc. MUDr. Adrián Kolesár, PhD., MPH, MUDr. Martin Ledecký, PhD., MUDr. Lucia Mistríková, PhD., MUDr. Štefánia Mižáková, PhD., prof. MUDr. František Sabol, PhD., MPH, MBA, MUDr. Tomáš Toporcer, PhD., MUDr. Peter Berek, PhD., Ivan Kopolovets

Date of last modification: 11.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ChK/S- | Course name: Surgery 2

DM2/15

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.

**Prerequisities:** ChK/S-DM1/16

## **Conditions for course completion:**

Education can alternatively by conducted in distant mode. The teachers will communicate with students by email or teleconference applications, assign the tasks to students in the form of essays and solving case reports. Teacher who assigned the task will control their fullfillment. Knowledge assessment will be carried out by quality of students reports. Completion of the course will be evaluated on the basis of the records of presence and written assignments.

### **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:**

Preoperative care: general care, special care. Postoperative complications – surgical wounds, respiration system, cardiovascular system, gastrointestinal system, uropoetic apparatus, decubitus ulcers. Infections – pyogenic, anaerobic, specific. Connecting tissues, anastomosis, stoma in surgery

### **Recommended literature:**

Frankovičová, M. et al.: Surgery for medical students. Košice, Faculty of Medicine, Pavol Jozef Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-202-4

Frankovičová, M., Kaťuchová J. et al.: Surgery for medical students., second revised edition, Košice, Faculty of Medicine, Pavol Jozef

Šafárik University in Košice, 2014, 408 p. ISBN 978-80-8152-581-0

## Course language:

#### Notes:

#### Course assessment

Total number of assessed students: 261

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
54.79	30.27	3.83	3.83	2.3	4.98	0.0

**Provides:** doc. MUDr. Miroslav Gajdoš, CSc., MPH, mim. prof., prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH,

prof. MUDr. Igor Šulla, DrSc., prof. MUDr. Ladislav Valanský, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, doc. MUDr. Jozef Výrostko, CSc., prof. MUDr. Jana Kaťuchová, PhD. MBA, MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, MPH, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbuľák, doc. MUDr. Michal Vaľko, PhD., MUDr. Milan Šudák, PhD., MUDr. Ján Babík, CSc., MUDr. Peter Cibur, PhD., doc. MUDr. Radoslav Morochovič, PhD., MUDr. Andrej Vrzgula, PhD., doc. MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MPH, MUDr. Marián Kudláč, MUDr. Ivan Kováč, PhD., doc. MUDr. Adrián Kolesár, PhD., MPH, MUDr. Lucia Mistríková, PhD., prof. MUDr. František Sabol, PhD., MPH, MBA, MUDr. Tomáš Toporcer, PhD., MUDr. Peter Berek, PhD., Ivan Kopolovets, MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Peter Štefanič, PhD., doc. MUDr. Martina Zavacká, PhD., MPH

Date of last modification: 23.03.2020

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ChK/S- | Course name: Surgery 3

DM3/15

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.

Prerequisities: ChK/S-DM2/15

**Conditions for course completion:** 

## **Learning outcomes:**

### **Brief outline of the course:**

Fractures and dislocations of upper and lower extremities. Injuries of the head, neck soft tissues of the head, scull fractures. Injuries of the brain and intracranial bleeding. Ijuries of the backbone and the spinal cord. Injuries of the chest and abdomen. War injuries and its peculiarities. Surgery of the head and neck. Cervical cysts and fistulas. Surgery of the thyroid gland. Toxic and nontoxic, goiter, thyroid cancer. Surgery of the Chest. Surgery of pleural, lungs, oesophagus. Surgery of mediastinum- inflammations and tumours. Hernia- its types. Surgical diseases of the stomach and duodenum. Gastric ulcer, tumours of the stomach.

## **Recommended literature:**

Burkitt G.: Essential Surgery

Guzanin Š.: Selected chapters of plastic and reconstr. Surgery

### Course language:

#### **Notes:**

#### Course assessment

Total number of assessed students: 220

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
47.27	24.09	22.73	0.91	0.45	4.55	0.0

**Provides:** doc. MUDr. Miroslav Gajdoš, CSc., MPH, mim. prof., MUDr. Lucia Sukovská Lakyová, PhD., prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Igor Šulla, DrSc., prof. MUDr. Ladislav Valanský, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, doc. MUDr. Jozef Výrostko, CSc., prof. MUDr. Jana Kaťuchová, PhD. MBA, MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, MPH, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbuľák, doc. MUDr. Michal Vaľko, PhD., MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Ján Babík, CSc., doc. MUDr. Radoslav Morochovič, PhD., MUDr. Tomáš Toporcer, PhD.,

MUDr. Andrej Vrzgula, PhD., doc. MUDr. Marek Lacko, PhD., MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MPH, MUDr. Štefan Ivanecký, doc. MUDr. Marek Šoltés, PhD., MUDr. Michal Chyla, PhD.

Date of last modification: 12.02.2019

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ChK/S- | Course name: Surgery 4

DM4/15

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.

Prerequisities: ChK/S-DM3/15

**Conditions for course completion:** 

## **Learning outcomes:**

### **Brief outline of the course:**

Surgery of the gall bladder and biliary tree. Cholelithiasis. Tumours of the gall bladder and biliary tree. Surgery of the pancreas. Tumours of the pancreas. Acute abdominal conditions. General symptoms, evaluation, diagnosis and differential diagnosis, division. Acute abdominal conditions of inflammatory. Traumatic and obstructive oring. Gastrointestinal bleeding. Postoperative bleeding. Surgery of the small and large intestine. Inflammations and tumours. Surgery of the anorectum. Benign and malignant diseases.

## Recommended literature:

Burkitt G.: Essential surgery

Guzanin Š.: Selected chapters of plastic and reconstr. Surg.

# Course language:

#### **Notes:**

### Course assessment

Total number of assessed students: 189

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
53.44	31.22	6.88	3.7	0.0	4.76	0.0

Provides: doc. MUDr. Miroslav Gajdoš, CSc., MPH, mim. prof., prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Igor Šulla, DrSc., prof. MUDr. Ladislav Valanský, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., MPH, doc. MUDr. Jozef Výrostko, CSc., prof. MUDr. Jana Kaťuchová, PhD. MBA, MUDr. Róbert Kilík, PhD., MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, MPH, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbuľák, doc. MUDr. Michal Vaľko, PhD., MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Ján Babík, CSc., doc. MUDr. Radoslav Morochovič, PhD., MUDr. Andrej Vrzgula, PhD., doc. MUDr. Marek

Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Marianna Zábavníková, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Štefan Ivanecký, MUDr. Michal Chyla, PhD.

Date of last modification: 11.02.2016

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: ChK/S- | Course name: Surgery 5

DM5/15

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.

Prerequisities: ChK/S-DM4/15

## **Conditions for course completion:**

- 1. 100% attendance confirmed in the student's book, possible two absences needed to be compensated
- 2. Attendance 75% at lectures
- 3. Pass a test on the last day of classes
- 4. Practical exam
- 5. state exam

## **Learning outcomes:**

The students acquire knowledge of the surgical treatment of diseases of the throracic 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 intestinum and large intestinum. Surgery of the breast, Endocrine diseases in surgery, Cardiovascular surgery, Thoracic Surgery, Traumatology, Orthopedy, Neurosurgery

### **Recommended literature:**

Frankovičová M. et al. Surgery for Medical Students. Equilibria, Košice, 2014.

## Course language:

english

Notes:

#### Course assessment

Total number of assessed students: 175

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
44.0	47.43	1.14	4.0	1.14	2.29	0.0

**Provides:** prof. MUDr. Jana Kaťuchová, PhD. MBA, doc. MUDr. Marek Šoltés, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Sukovská Lakyová, PhD., prof. MUDr. Mária Frankovičová,

PhD., MUDr. Tatiana Granda, PhD., MUDr. Mária Kubíková, PhD., doc. MUDr. Vladimír Sihotský, PhD., MUDr. Pavel Staško, PhD., MUDr. Peter Štefanič, PhD., doc. MUDr. Martina Zavacká, PhD., MPH, MUDr. Štefan Ivanecký, doc. MUDr. Radoslav Morochovič, PhD., doc. MUDr. Miroslav Gajdoš, CSc., MPH, mim. prof., doc. MUDr. Marek Lacko, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Miroslav Kitka, PhD., MUDr. Ivan Kováč, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Peter Berek, PhD.

Date of last modification: 12.02.2019

University: P. J. Šafárik University in Košice Faculty: Faculty of Medicine Course ID: SK/TD-Course name: Therapeutic Dentistry SS-DM/18 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: 11., 12.. Course level: I.II. Prerequisities: SK/CD-DM6/15,UVZH/HE-DM/15,SK/PaD-DM3/15,SK/PC-DM3/18,SK/PE-DM3/15 **Conditions for course completion: Learning outcomes: Brief outline of the course: Recommended literature: Course language: Notes: Course assessment** Total number of assessed students: 150 C В E FX A D 32.67 18.0 20.67 16.67 12.0 0.0 **Provides:** Date of last modification:

Page: 178

University: P. J. Šafárik University in Košice

Faculty: Faculty of Medicine

Course ID: Course

**Course name:** Training of Competencies for Clinical Practice

UPZMV/TCCP-

DM/19

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:** 7.

Course level: I.II.

**Prerequisities:** 

**Conditions for course completion:** 

**Learning outcomes:** 

**Brief outline of the course:** 

**Recommended literature:** 

**Course language:** 

**Notes:** 

**Course assessment** 

Total number of assessed students: 1

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: