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## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> 1. KAIM/AIM-GM/16	<b>Course name:</b> Anaesthesiology and Intensive Medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 10.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> IK/IM-GM1/16 and NLK/NL-GM1/14 and UFR/PM-GM1/14	
<b>Conditions for course completion:</b> 1. 75% participation on the lectures 2. 100% participation on the practical exercises 3. practical examination of cardiopulmonary resuscitation - that at least the 75% criteria 4. Test - minimum percentage of 75%. 5. Oral exam	
<b>Learning outcomes:</b> General Principles of General Anaesthesia and Regional Anaesthesia, perioperative patient management General Principles of Care about Critically ill Patients CPR-Basic life support	
<b>Brief outline of the course:</b> Introduction to Anaesthesiology & Resuscitation. General preoperative preparation. Monitoring in Anaesthesiology & ICU. General anaesthesia. Regional anaesthesia. Acute and chronic pain management. Respiratory failure. Basic of Artificial ventilation. Enteral and parenteral nutrition. Shock. Multiorgan failure. General and specific treatment of intoxications. Life support and advanced life support.	
<b>Recommended literature:</b> 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. Surgery for medical students, Frankovičová Mária, 2014, Košice UPJŠ LF	
<b>Course language:</b> English	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 403					
A	B	C	D	E	FX
27.54	25.56	19.85	9.93	14.14	2.98
<b>Provides:</b> doc. MUDr. Jozef Firment, PhD., MUDr. Judita Capková, PhD., MUDr. Monika Grochová, PhD., MUDr. Štefan Trenkler, PhD., MUDr. Vladimír Hudák, MUDr. Matúš Maruniak					
<b>Date of last modification:</b> 02.02.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UA/A-GM1/14	<b>Course name:</b> Anatomy 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 / 1 <b>Per study period:</b> 42 / 42 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 7	
<b>Recommended semester/trimester of the course:</b> 1.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> The active presence at 3 written and 3 practical tests. Student has to reach minimum 90 points as a summary of 3 written (max. 90 points), 3 practical test (max. 60 points), and bonus points (max. 10).	
<b>Learning outcomes:</b> The aim of this subject is for student to become familiar with anatomical terminology and to learn using it with description of human body. Fully understand anatomy structures of upper and lower limbs, their bones, articulations, muscles, vessels and nerves. Localization of these structures should be learned with emphasize on their regional importance and with their impact on neighbouring structures, to follow the main aim - their using in clinical practise. Knowledge of both systemic and regional anatomy of upper and lower limb should be used in application from the view of functional anatomy too.	
<b>Brief outline of the course:</b> Ethical principles in anatomy, introduction to anatomy. Knowing anatomical terminology and its using both during the study of anatomy and in the clinical practise. Become familiar with general knowledge of bones, articulations, muscles and vessels. Study of skeleton, articulations and muscles of upper and lower limbs. Gaining knowledge of blood vessels, lymphatic system and innervation of the upper and lower limbs. Dissections of important anatomy regions in upper and lower limbs, study and dissection of superficial and deep structures in regions of limbs with emphasize on their clinical importance.	
<b>Recommended literature:</b> Platzer W.: Color Atlas of Human Anatomy, Vol. 1. Locomotor System, Thieme, 2009 Fritsch H., Kuehnel W.: Color Atlas of Human Anat., Vol. 2. Internal Organs, Thieme, 2008 Kahle W., Frotscher M.: Color Atlas of Human Anatomy, Vol. 3. Nervous system and sensory organs, Thieme, 2003 Kluchová D., Lovásová K., Boleková A.: Guide through anatomy of human body, Košice, 2011	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 1690						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
80.0	0.47	0.89	1.36	2.96	6.69	7.63
<p><b>Provides:</b> prof. MVDr. Silvia Rybárová, PhD., prof. MUDr. Darina Kluchová, PhD., doc. MVDr. Jozef Mihalik, CSc., doc. MUDr. Ingrid Hodorová, PhD., doc. MVDr. Květuše Lovásová, PhD., doc. MUDr. Adriana Boleková, PhD., MUDr. Janka Vecanová, PhD., MUDr. Dalibor Kolesár, PhD., RNDr. Lenka Ihnátová, PhD., MUDr. Stanislav Matéffy, MUDr. Zuzana Ranglová, MVDr. Natália Hvizdošová, PhD., Mgr. Františka Horváthová, PhD.</p>						
<b>Date of last modification:</b> 09.09.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UA/A-GM2/14		<b>Course name:</b> Anatomy 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 / 1 <b>Per study period:</b> 42 / 42 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 9						
<b>Recommended semester/trimester of the course:</b> 2.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b> The active presence at 3 written and 3 practical tests. Student has to reach minimum 90 points as a summary of 3 written (max. 90 points), 3 practical test (max. 60 points), and bonus points (max. 10).						
<b>Learning outcomes:</b> The aim of the course is to provide the basic information about anatomical relations of thoracic and abdominal cavities, inner organs and topography of anatomy structures. Previous anatomy knowledge is leaded to connexions with anatomy of the body below head and neck in view of their function, blood and nerve supply, as well. Correlation between particular organs and anatomical structures aids understanding of the human body entirety.						
<b>Brief outline of the course:</b> Thorax in general, mediastinum, heart, respiratory system. Abdominal regions, topography of organs of abdominal cavity and pelvis.						
<b>Recommended literature:</b> Platzer W.: Color Atlas of Human Anatomy, Vol. 1. Locomotor System, Thieme, 2009 Fritsch H., Kuehnel W.: Color Atlas of Human Anat., Vol. 2. Internal Organs, Thieme, 2008 Kahle W., Frotscher M.: Color Atlas of Human Anatomy, Vol. 3. Nervous system and sensory organs, Thieme, 2003 Kluchová D., Lovásová K., Boleková A.: Guide through anatomy of human body, Košice, 2011						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1568						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
81.51	0.26	0.57	1.79	1.53	4.08	10.27
<b>Provides:</b> prof. MUDr. Darina Kluchová, PhD., prof. MVDr. Silvia Rybárová, PhD., doc. MUDr. Ingrid Hodorová, PhD., doc. MVDr. Jozef Mihalik, CSc., doc. MVDr. Květuše Lovásová, PhD.,						



doc. MUDr. Adriana Boleková, PhD., MUDr. Janka Vecanová, PhD., MUDr. Dalibor Kolesár, PhD., MUDr. Stanislav Matéffy, Mgr. Františka Horváthová, PhD., MUDr. Zuzana Ranglová

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UA/A-GM3/14	<b>Course name:</b> Anatomy 3
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 / 2 <b>Per study period:</b> 42 / 42 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 9	
<b>Recommended semester/trimester of the course:</b> 3.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UA/A-GM2/14 and UA/A-GM1/14	
<b>Conditions for course completion:</b> Written test (40%), practical tests (30%) and bonus points (30%). Student has to reach minimum 60 points to be allowed attend oral exam.	
<b>Learning outcomes:</b> The aim of this subject is to explain the detail anatomy of the head and neck. Students obtain information of skull, skull cavities, cervical vertebrae and their connections. Knowledge of muscles, blood supply, venous and lymphatic drainage of head and neck are substantial as well. Explanation of innervations of head and neck is performed in connexion with study of CNS, its inner and outer organizing and functions of particular structures of CNS.	
<b>Brief outline of the course:</b> Skull, cervical vertebrae and craniovertebral joints, muscles of the head and neck. Vessels of head and neck. Cranial nerves, innervation of head and neck. Regions of the head and neck. Central nervous system, spinal cord, brain stem, cerebellum, diencephalon, basal ganglia and their connections. Telencephalon - function of brain cortex, limbic system, nerve tracts.	
<b>Recommended literature:</b> Kluchová D.: Neuroanatomy - handouts from the lectures, Košice, 2013 Crossman A. R., Neary D.: Neuroanatomy, 4th ed., Elsevier, 2010 Platzer W.: Color Atlas of Human Anat., Vol. 1. Locomotor System, Thieme, 2009 Fritsch H., Kuehnel W.: Color Atlas of Human Anat., Vol. 2. Internal Organs, Thieme, 2008 Kahle W., Frotscher M.: Color Atlas of Human Anat., Vol. 3. Nervous system and sensory organs, Thieme, 2003 Kluchová D. et al.: Guide through anatomy of human body, Košice, 2011 Lovásová K., Kluchová D.: Topographical anatomy of hardly accessible and clinically significant areas of head, Košice, 2010.	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 1367					
A	B	C	D	E	FX
6.07	7.24	12.44	16.46	41.26	16.53
<b>Provides:</b> prof. MUDr. Darina Kluchová, PhD., prof. MVDr. Silvia Rybárová, PhD., doc. MVDr. Květuše Lovásová, PhD., doc. MUDr. Adriana Boleková, PhD., doc. MVDr. Jozef Mihalik, CSc., MUDr. Janka Vecanová, PhD., doc. MUDr. Ingrid Hodorová, PhD., MUDr. Dalibor Kolesár, PhD., MUDr. Stanislav Matéffy, RNDr. Lenka Ihnátová, PhD., RNDr. Martin Bona, PhD.					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UA/ AD-GM1/14		<b>Course name:</b> Anatomy Dissection 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 5.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UA/A-GM3/14						
<b>Conditions for course completion:</b> Student has to prepare at least two anatomical specimens and to present it to teacher and younger students. Credits will not be awarded to a student who misses more than 6 hours of seminars and will not complete his work on specimens.						
<b>Learning outcomes:</b> Students have the opportunity to deepen their knowledge of anatomy by performing anatomical dissection under the supervision of the teacher and preparing material for teaching medical students in the lower grades of medical school. Students improve their practical skill to work with tweezers and a scalpel, which will be helpful to them in their own medical practice.						
<b>Brief outline of the course:</b> Dissection of subcutaneous structures on the palmar and dorsal side of upper limb, dissection of axillary fossa, dissection of subfascial layer in anterior region of arm and forearm, cubital fossa, anterior region of wrist, palm of hand, scapular region, posterior region of arm and forearm, posterior region of wrist and dorsum of hand.						
<b>Recommended literature:</b> Rohen, Yokochi: Color Atlas of Anatomy, Lippincott Williams & Wilkins, 2011 Netter F. H.: Atlas of Human Anatomy.						
<b>Course language:</b> english						
<b>Notes:</b> Total number of assessed students: 18						
<b>Course assessment</b> Total number of assessed students: 49						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
63.27	20.41	0.0	0.0	0.0	0.0	16.33
<b>Provides:</b> MUDr. Stanislav Matéffy, MUDr. Janka Vecanová, PhD.						
<b>Date of last modification:</b> 11.02.2016						

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UA/ AD-GM2/14		<b>Course name:</b> Anatomy Dissection 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 6.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UA/A-GM3/14						
<b>Conditions for course completion:</b> During semester, students help to teacher with prosection of the thorax and abdomen. Results of the prosection are demonstrated to the other students. Credits will not be awarded to a student who misses more than 6 hours of practical exercises.						
<b>Learning outcomes:</b> Anatomical dissection is carried out under the supervision of teacher. Students prepare cadaveric material for teaching of medical students. Students improve their knowledge of anatomy of the trunk and abdomen. Participants can develop manual dexterity skills						
<b>Brief outline of the course:</b> Dissection of subcutaneous structures of the anterior chest wall, dissection of intercostal spaces, opening of thoracic cavity, dissection of upper mediastinum, taking off lungs, heart and pericardium, dissection of arteries and veins of heart, dissection of heart chambers, dissection of posterior mediastinum. Dissection of subcutaneous structures of abdominal wall, abdominal muscles, inguinal canal, opening of abdomen, dissection branches of abdominal aorta.						
<b>Recommended literature:</b> Rohen, Yokochi: Color Atlas of Anatomy, Lippincott Williams & Wilkins, 2011 Netter F. H.: Atlas of Human Anatomy.						
<b>Course language:</b> English						
<b>Notes:</b> The subject is provided only in the summer semester, capacity of the subject is limited to 10 students, in case of higher interest students will be selected.						
<b>Course assessment</b> Total number of assessed students: 37						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
51.35	0.0	0.0	0.0	0.0	0.0	48.65

**Provides:** doc. MUDr. Adriana Boleková, PhD., doc. MUDr. Ingrid Hodorová, PhD., prof. MUDr. Darina Kluchová, PhD., MUDr. Dalibor Kolesár, PhD., doc. MVDr. Květuše Lovásová, PhD., MUDr. Stanislav Matéffy, doc. MVDr. Jozef Mihalik, CSc., prof. MVDr. Silvia Rybárová, PhD., MUDr. Janka Vecanová, PhD.

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> USBM/ BHM-GM/16		<b>Course name:</b> Behavioral Medicine				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 4.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b>						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULBL/ B-GM1/09	<b>Course name:</b> Biology 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester of the course:</b> 1.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Active presence in all practical lessons (100%) Minimum of 120 points each of two written tests (0 – 200 points)	
<b>Learning outcomes:</b> To introduce the basic concepts of cell biology and molecular biology, including cell structure, biomacromolecules, cell cycle, cell reproduction, gene expression and cell communications. To give students a thorough grounding in the theoretical and practical foundations of molecular biology and cytology. Students have acquired an understanding of the major concepts in cell and molecular biology and have obtained basic information related to cytogenetics in clinical practice.	
<b>Brief outline of the course:</b> Biomacromolecules – the fundamental components of biological macromolecules, common characteristics, the structure and function of saccharides, lipids, proteins and nucleic acids. Cell structure – prokaryotic and eukaryotic cells, cell organelles, their structure and function. General characteristic of biomembranes, molecular structure of biomembranes; movement of molecules through the membrane. The structural organization of genome - organization of DNA in genomes, the basic principles of human cytogenetics. Replication of DNA. Cell cycle – phases, control of cell cycle, mitosis, meiosis, spermatogenesis, oogenesis. Cell signalling. Gene expression – gene structure and function, transcription, post-transcriptional RNA processing, translation, synthesis of proteins, posttranslation modifications, regulation of gene expression. The basic principles of epigenetics. Cell differentiation, cell ageing and cell death. Genomics and medicine.	
<b>Recommended literature:</b> 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	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 1808						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
74.78	0.28	0.94	3.37	5.86	7.13	7.63
<b>Provides:</b> prof. RNDr. Ján Šalagovič, PhD., RNDr. Helena Mičková, PhD., RNDr. Eva Slabá, PhD., RNDr. Jozef Židzik, PhD., RNDr. Viera Habalová, PhD., RNDr. Lucia Klimčáková, PhD.						
<b>Date of last modification:</b> 07.10.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULBL/ B-GM2/12	<b>Course name:</b> Biology 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present	
<b>Number of credits:</b> 7	
<b>Recommended semester/trimester of the course:</b> 2.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> ULBL/B-GM1/09	
<b>Conditions for course completion:</b> 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 oral examination for the period of the semester concerned (60%). Prerequisite for the oral examination (to register for the oral examination) is the acquirement of 20 points minimum from continuous assessment during the semester.	
<b>Learning outcomes:</b> 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 obtained basic information related to genetic and molecular biology methods in clinical practice.	
<b>Brief outline of the course:</b> Mutations I. - classification of mutations, mechanisms of mutagenesis, gene (point) mutations, structural and numerical chromosome mutations. Mendelian genetics - historical overview, general characteristics, Mendel's laws of inheritance. Quantitative genetics - polygenic inheritance, heritability, multifactorial diseases. Gene linkage. Heredity and sex. Genetics in pathogenesis of human diseases. Inheritance of blood group systems I. - ABO, Rh, MNss, Lewis, ... HLA system. Population genetics - Hardy-Weinberg law, population equilibrium, panmixis, inbreeding, genetic drift, eugenics, euphenics. Genealogy and genetic counselling. Genetics of cancer. Molecular biology methods in human genetics and clinical practice. Ethical issues in human genetics.	
<b>Recommended literature:</b> 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	

<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b>					
Total number of assessed students: 1509					
A	B	C	D	E	FX
9.61	11.66	19.22	20.61	27.63	11.27
<b>Provides:</b> prof. RNDr. Ján Šalagovič, PhD., RNDr. Eva Slabá, PhD., RNDr. Helena Mičková, PhD., RNDr. Lucia Klimčáková, PhD., RNDr. Jozef Židzik, PhD., RNDr. Viera Habalová, PhD.					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULCHBKB/BCHM- GM/14		<b>Course name:</b> Bioorganic Chemistry in Medicine				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 2.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 122						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
64.75	0.0	0.0	0.0	0.0	0.0	35.25
<b>Provides:</b> prof. Ing. Mária Mareková, CSc., doc. RNDr. Vladimíra Tomečková, PhD.						
<b>Date of last modification:</b> 03.05.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULI/B-GM/09		<b>Course name:</b> Biostatistics				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 4., 6., 8., 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ULI/MInf-GM/09						
<b>Conditions for course completion:</b> 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all given classworks.						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b> 1. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999. 2. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994. 3. Notes from exercises.						
<b>Course language:</b> english						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 76						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
57.89	0.0	0.0	0.0	0.0	0.0	42.11
<b>Provides:</b> doc. Ing. Jaroslav Majerník, PhD.						
<b>Date of last modification:</b> 11.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KVL Šaca/CGM-GM/15	<b>Course name:</b> Clerkship - General Medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 40s <b>Course method:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of the course:</b> 9.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> KVL Šaca/GM-GM/15	
<b>Conditions for course completion:</b> Completion of General medicine course	
<b>Learning outcomes:</b> Familiarize students with the operation, organization and administration outpatient facility of general practitioner. Teach students practical knowledge and skills in examination and treatment of patients at clinic of general practitioner. Control the ethical-legal principles of healthcare provision. Demonstrate the ability to communicate effectively with patients at the clinic . Handle keeping the medical records in written and electronic form. The student should learn to apply the examination and treatment procedures on medicine based on evidence and correct clinical practice. The student should be competent to execute detailed withdrawal of medical history, handle physical examination, make a diagnosis and consider differential diagnosis options. Followed by the treatment ( by the nature of diagnosis definitive, primary, acute in situations that require follow-up diagnosis and treatment in specialized facilities ambulatory or hospital type).	
<b>Brief outline of the course:</b> Students will fully participate in work at the clinic under the guidance of the teacher and after acquiring the theoretical knowledge of general medicine they should master the following processes : <ol style="list-style-type: none"> <li>1. Preventive care, particularly in terms of periodic medical examinations which consider all factors that affect the health of the patient ( age, living and working conditions, eating habits , etc. )</li> <li>2. Diagnostic and therapeutic care in patient affected by acute or chronic diseases</li> <li>3. Available diagnostic methods – in hematology, biochemistry, microbiology and manage different sampling of biological material in relation with particular disease</li> <li>4. Assessment of the health status and subsequent management either in his discretion or request for a consultation or hospitalization</li> <li>5. Assessment activity – especially with regards to medical ability to carry out work and generally in relation to sickness absence in each category (defined by working Health Service)</li> <li>6. Contact with professional and social institutions with which the practitioner for adults necessarily cooperates ( eg. Public health, ADOS, Health insurance companies, Health Unions )</li> <li>7. Technically master application of different types of medication ( especially subcutaneous, intramuscular, intravenous )</li> </ol>	

- 8. Manage all acute conditions ( eg. cardiovascular, anaphylactic, psychiatric, basics of CPR)
- 9. Keep the recorder during the clerkship

**Recommended literature:**

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 430

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.37	0.0	0.0	0.0	0.0	0.0	1.63

**Provides:** prof. MUDr. PhDr. Peter Kalanin, PhD., MUDr. Beatrica Kőváryová, MUDr. Matej Šajty, PhD., MUDr. János Icsó, CSc.

**Date of last modification:** 21.10.2015

**Approved:** prof. MUDr. Daniel Pella, PhD.



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> G-PK/ CGO-GM/16		<b>Course name:</b> Clerkship - Gynaecology and Obstetrics				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 80s <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> G-PK/GO-GM2/09						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 388						
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
<b>Provides:</b> prof. MUDr. Alexander Ostró, CSc., MBA, doc. MUDr. Peter Urdzík, PhD., MPH, doc. MUDr. Róbert Dankovčík, PhD., MPH, mim. prof., MUDr. Milan Matta, MUDr. Božena Fialová, doc. MUDr. Vladimír Kraus, CSc., MUDr. Peter Suchánek, PhD.						
<b>Date of last modification:</b> 08.03.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> IK/ CIM-GM/16	<b>Course name:</b> Clerkship - Internal Medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 120s <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 8.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> IK/IM-GM1/16	
<b>Conditions for course completion:</b> 1. Appreciation of the knowledges during classes by the teacher	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> All medical students are required to undertake the clinical internship in the hospital wards under the supervision of the clinical tutor or other clinician who is responsible for the internship. The students make the ward rounds daily, they make daily medical notes, write case histories of newly admitted patients, read and assess X-rays, ECGs and other laboratory findings with their supervisor and at the same time they acquaint themselves with other medical records and work in the hospital ward. Practical clinical work (under tutorial guidance nad support) includes taking various biological samples for laboratory testing, administration of subcutaneous, intramuscular, intravenous injections and transfusions. The students take responsible part in therapeutic procedures and physical examinations such as pleural, abdominal and sternal puncture in monitored patients (or in other cases interesting from the diagnostic view), USG, X-ray, ECG, bicycle ergometry, pulmonary function examination, endoscopy, and autopsy in the case of death. According to hospital possibilities the clinical internship requires 1-2 days of laboratory work to perform in order to become familiar with available basic diagnostic techniques such as doing urine tests, blood counts and blood smears. In more common internal diseases sternal biopsies are demonstrated to students. According to hospital possibilities, the students are required to become familiar with the work of Central Admission Department, Intensive Care Unit, Dialysis Unit and Anaesthesiology and Resuscitation Department. The students are required to take part in seminars. If it is possible they are supposed to perform night duties with qualified medical staff at least twice during their internship course. The students are required to write an internship diary with the records of all the performed procedures during their internship. The diary will be regularly checked by the clinical tutor at the end of each week.	
<b>Recommended literature:</b>	
<b>Course language:</b>	

<b>Notes:</b>						
<b>Course assessment</b>						
Total number of assessed students: 540						
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
<p><b>Provides:</b> doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Peter Mitro, PhD., prof. MUDr. Štefan Koval, PhD., prof. MUDr. Viola Mechírová, CSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Jozef Pella, PhD., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Ivana Valočiková, PhD., MUDr. Peter Horváth, MUDr. Karim Benhatchi, PhD., MUDr. Jana Deptová, PhD., MUDr. Ján Pobeha, MUDr. Ivan Majerčák, MUDr. Martin Janičko, PhD., MUDr. Andrea Galovičová, PhD., MUDr. Anna Dobrovičová, PhD., MUDr. Miriam Kozárová, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Pavol Joppa, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Zuzana Kuklišová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Martin Javorský, PhD., MUDr. Marek Varga, PhD., MUDr. Júlia Abu Zaid, MUDr. Lucia Jedličková, PhD., MUDr. Michaele Záriková, MUDr. Lucia Štovková, PhD., MUDr. Matej Šajty, PhD., MUDr. Lucia Merkovská, PhD., MUDr. Mgr. Ivana Jochmanová, MUDr. Jana Figurová, PhD., MUDr. Gabriela Peková, PhD., MUDr. Štefan Sotak, PhD. MBA, Katarína Spišáková</p>						
<b>Date of last modification:</b> 07.03.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ChK/ CS-GM/16		<b>Course name:</b> Clerkship - Surgery				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 80s <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ChK/S-GM3/16						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 387						
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
<b>Provides:</b> doc. MUDr. Miroslav Gajdoš, CSc., 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., doc. MUDr. Jozef Výrostko, CSc., doc. MUDr. Miroslav Janík, CSc., doc. MUDr. Jana Kaľuchová, PhD., MUDr. Natália Šimková, MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbuľák, doc. MUDr. Michal Val'ko, PhD., MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Ján Babík, CSc., MUDr. Peter Cibur, PhD., doc. MUDr. Radoslav Morochovič, PhD., MUDr. Andrej Vrzgula, PhD., MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Stanislava Imrichová, PhD., MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD.						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULCHBKB/CB-GM/16		<b>Course name:</b> Clinical Biochemistry				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 1						
<b>Recommended semester/trimester of the course:</b> 9.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ULCHBKB/MBCH-GM2/14 and UPF/PP-GM2/16						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 516						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
77.71	3.1	4.84	7.36	3.49	1.74	1.74
<b>Provides:</b> MUDr. Eva Ďurovcová, PhD.						
<b>Date of last modification:</b> 08.03.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULBF/ CB-GM/09	<b>Course name:</b> Clinical Biophysics
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 9.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> ULBF/MBF-GM/09	
<b>Conditions for course completion:</b> Presence at practical lessons, student may have maximum three absences. Compensations are obligatory. Final exam – at least 60% form writting test.	
<b>Learning outcomes:</b> Clinical biophysics comprises the scientific and technological basis of clinical technigues and procedures that are based on physics. Most direct diagnostic tests and many of the therapeutic procedures use the effects of physical forces, ionizing and non-ionizing radiation on human body. Clinical biophysics implies that an understanding of the function, as wellas an appreciation of the scope and limitations of the equipment used in diagnosis or therapy, are absolutely necessary for good medical practise.	
<b>Brief outline of the course:</b> Lasers in medicine, Physical basics of lasers, types of lasers used in medicine, safety aspects of the use lasers, Clinical application of lasers in ophthalmology, diabetic retinopathy - panretinal photocoagulation, glaucoma – iridotomy, capsulotomy, correction of refractive properties of the eye, laser surgery observation, Physiotherapy in rehabilitation, Physical and biophysical basics of galvanic current, diathermy and diadynamic current, magnetotherapy and ultrasound in physiotherapy of vertebral diseases, Observation of practical application of physiotherapy, Audiometry - The physical nature of sound, simple harmonic motion, interference of sound waves, Structure and physiology of middle ear and inner ear, tonal, threshold and speech audiometry, examination of recruitment phenomenon, thympanometry and the examination of stirrup reflex, examination of evoked potentials of cerebral areas, Observation of diagnostics and therapy of patients. Nuclear magnetic resonance tomography, Physical basics of nuclear magnetic resonance, magnetic properties of nuclei, larmor equation, resonance and relaxation, relaxation times, Basic principles of imaging, spatial encoding of signal, possible hazards of NMR imaging, Clinical application of magnetic resonance (MR), equipment in local hospital, modelling of the examination of patient, images of tissues with disorders, advantages and disadvantages MR compared to CT, Observation of the examination of patient.	
<b>Recommended literature:</b>	

Clinical biophysics, M. Anbar, R.A.Spangler, P. Scott, Warren H. Green, Inc., St. Louis, 1985  
Ophthalmic laser surgery: W. E. Benson, G. Coscas, L.J. Katz, Philadelphia, 1993  
An Introduction to biophysics with medical orientation, edited by G.Rontó, I.Tarján, Akadémiai  
Kiadó, Budapest, 1991

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 0

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

**Provides:** RNDr. Imrich Géci, PhD.

**Date of last modification:** 14.10.2015

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ULM/ CI-GM/09		<b>Course name:</b> Clinical Immunology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ULM/FI-GM/09 and UPF/PP-GM2/16					
<b>Conditions for course completion:</b> individual work exam					
<b>Learning outcomes:</b> The most common immune-mediated diseases, interpretation of immunological laboratory investigations, foundations of immunomodulatory therapy.					
<b>Brief outline of the course:</b> Beginning with the basic concepts: development of immune system, allergy and anaphylaxis, immunodeficiency, autoimmunity. Detailing: characterization, clinical presentation, diagnosis and differential diagnosis of immune-based diseases. Deals with indications, contraindications and side effects of immunomodulatory therapy.					
<b>Recommended literature:</b> Abul K. Abbas, Andrew H. Lichtman: Basic Immunology - Functions and Disorders of the Immune System Third Edition / Updated Edition, Elsevier – Saunders, 2010, ISBN-13: 978-1-4160-5569-3, 312 pp. John B. Zabriskie, Kevin J. Tracey: Essential Clinical Immunology, Cambridge Medicine, 2009, ISBN-13: 978-0-521-70489-2, 372 pp. Edith McMahon: Immune Disorders, Springhouse Pub Co, 1995, ISBN-10: 0-87434-780-7, 208 pp.					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 13					
A	B	C	D	E	FX
92.31	7.69	0.0	0.0	0.0	0.0
<b>Provides:</b> doc. MUDr. Veronika Vargová, PhD.					



<b>Date of last modification:</b> 03.05.2015
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<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.
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## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UFZ/ CPSM-GM/09		<b>Course name:</b> Clinical Physiology - Sleep Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UFZ/Ph-GM2/14 and UPF/PP-GM2/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 31					
A	B	C	D	E	FX
25.81	48.39	19.35	6.45	0.0	0.0
<b>Provides:</b> prof. MUDr. Zoltán Tomori, DrSc., prof. MUDr. Viliam Donič, CSc., doc. MUDr. Mária Pallayová, PhD., doc. MUDr. Roman Beňačka, CSc., mim.prof.					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULI/ CB-GM/09	<b>Course name:</b> Computer Biometrics
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all given classworks. 4. Final exam.	
<b>Learning outcomes:</b> This subject should provide an understanding of the basic principles that underlie research design, data analysis and interpretation of results and enable the students to carry out a wide range of statistical analyses.	
<b>Brief outline of the course:</b> Basic notion. General sequence of steps in a research project. The design of experiment. Descriptive statistics - mean, standard deviation, variance, standard error of the mean, quartils, confidence intervals. The distribution of observations. Theoretical models of distribution probability. Data protection in information systems. Estimation and hypothesis testing. Data collection, data entry, data checking, data cleaning, data analysis. The two-sample test for equal means, paired and not-paired. Homogeneity of variance in the two samples means test. Analysis of variance one way, parametric. Non-parametric tests. Solution of tasks with using commercialy software. Regression and correlation. Relation between two continuous variables. Simple linear regression and correlation. Correlation coeficient. Point and interval estimates for parameters of line. Testing hypothesis of probability. Contingency tables. Uncertainty models and their applications in medicine. Solution of typical tasks.	
<b>Recommended literature:</b> 1. Dale E. Mattson, Ph.D., Statistics, Difficult concepts, understandable explanations, Bolchay - Carducci Publishers, 1999. 2. Douglas G. Altman, Practical Statistics for Medical Research, CHAPMAN @ HALL, London, 1994. 3. Notes from exercises.	
<b>Course language:</b> english	

<b>Notes:</b>					
<b>Course assessment</b>					
Total number of assessed students: 84					
A	B	C	D	E	FX
36.9	34.52	20.24	0.0	1.19	7.14
<b>Provides:</b> doc. Ing. Jaroslav Majerník, PhD.					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> CJP/ LFCLTS/16		<b>Course name:</b> Čítanie lekárskeho textu v slovenčine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 6., 8., 10.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-DM4/15 or Dek. LF UPJŠ/SL-GM4/15					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> PhDr. Helena Petruňová, CSc.					
<b>Date of last modification:</b> 01.02.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> SK/Ds-GM/12		<b>Course name:</b> Dentistry			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 7.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UP/PA-GM1/14 and UPF/PP-GM1/16 and ULM/MB-GM1/09					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 658					
A	B	C	D	E	FX
18.84	15.2	18.24	20.06	22.64	5.02
<b>Provides:</b> MUDr. Mgr. Peter Kizek, PhD., MDDr. Marcel Riznič, PhD., MUDr. Eva Janitorová, PhD., MUDr. Andrej Jenča, PhD., Mgr. MUDr. Vladimíra Schwartzová, PhD., MDDr. Jozef Jendruch, MDDr. Juraj Bánovčín, MDDr. Petra Bejdová, MDDr. Anna Mihaľová, MDDr. Milan Kotráň					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KD/D-GM1/09	<b>Course name:</b> Dermatovenerology 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of the course:</b> 7.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> ULM/MB-GM1/09	
<b>Conditions for course completion:</b> tests medical examination of a patient, credit	
<b>Learning outcomes:</b> The students have a thorough grounding in internal medicine, enabling insight into the interactions between the skin and other systems of the body, and a detailed understanding of the structure and function of the skin. Main aim of dermatovenerology is initiated in histology, histopathology of the skin, essential skin biology, functions of the skin, and skin lesions. The students have to be certain of history taking, describing the skin manifestations, investigation and patch testing for occupational and non-occupational contact allergic dermatoses. The students have to be skilled in microscopy investigations. They must have knowledge of immunohistology 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.	
<b>Brief outline of the course:</b> Histology and histopathology of the skin. Skin diseases due to physical and chemical causes. Photodermatoses. Viral, bacterial, fungal and parasitic skin infections. Erythemosquamous diseases. Pustular diseases. Keratoses. Drug eruptions and allergic reactions. Dermatitis and eczema, occupational skin disease.	
<b>Recommended literature:</b> 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. 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

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 748

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
75.8	17.78	3.07	0.13	0.0	0.8	2.41

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

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KD/D-GM2/09	<b>Course name:</b> Dermatovenerology 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 8.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> KD/D-GM1/09 and UP/PA-GM1/14 and UPF/PP-GM1/16	
<b>Conditions for course completion:</b> tests medical examination of a patient, credit	
<b>Learning outcomes:</b> The students have a thorough grounding in internal medicine, enabling insight into the interactions between the skin and other systems of the body, and a detailed understanding of the structure and function of the skin. Main aim of dermatovenerology is initiated in histology, histopathology of the skin, essential skin biology, functions of the skin, and skin lesions. The students have to be certain of history taking, describing the skin manifestations, investigation and patch testing for occupational and non-occupational contact allergic dermatoses. The students have to be skilled in microscopy investigations. They must have knowledge of immunohistology 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.	
<b>Brief outline of the course:</b> Atopic dermatitis. Seborrhoeic dermatitis. Clinical features, diagnosis, management Diseases of the sebaceous glands Acne. Allergic and irritant contact dermatitis. Urticaria. Angioedema Bullous diseases. Malignant cutaneous tumours . The skin in systemic disease.	
<b>Recommended literature:</b> 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. 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					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 541					
A	B	C	D	E	FX
43.44	15.9	16.08	10.35	13.12	1.11
<b>Provides:</b> MUDr. Zuzana Baranová, PhD., MUDr. Janette Baloghová, PhD., MUDr. Zuzana Hrabovská, MUDr. Vladimíra Nagyová, MUDr. Gabriela Takáčová					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> Dek. LF UPJŠ/DTD-GM/15		<b>Course name:</b> Diploma Thesis and Diploma Thesis Defence			
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present					
<b>Number of credits:</b> 8					
<b>Recommended semester/trimester of the course:</b> 11., 12..					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> Dek. LF UPJŠ/SDT-GM1/09 and Dek. LF UPJŠ/SDT-GM2/12 and Dek. LF UPJŠ/SDT-GM3/12 and Dek. LF UPJŠ/SDT-GM4/12					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 362					
A	B	C	D	E	FX
51.38	25.41	12.98	6.91	3.31	0.0
<b>Provides:</b>					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> IK/ DTP-GM/16		<b>Course name:</b> Donation and Transplantation Programme				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 0 <b>Per study period:</b> 28 / 0 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b>						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UE/E-GM/16	<b>Course name:</b> Epidemiology
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 8.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> ULM/MB-GM2/14 and UPF/PP-GM1/16	
<b>Conditions for course completion:</b> Attendance on lectures, active participation and discussion. Seminar – seminars work on chosen topic with presentation. Written test.	
<b>Learning outcomes:</b> Student of the subject will receive the basic knowledge about occurrence and distribution of infectious diseases and chronic diseases with outbreaks in a population, about fundamental factors influencing their occurrence, about preventive and repressive measures against their spread and to improve the health status of the population.	
<b>Brief outline of the course:</b> Epidemiology - characteristics, goals. Basic epidemiological methods, causality. Descriptive methods, analytic methods, experimental epidemiology, epidemiological surveillance. Statistical methods in epidemiology. Evolution of parasitism and infectious diseases. Sources of infection – forms, characteristics, scope and epidemiological measures. Transmission of infectious diseases. Phases of transmission, particular ways of transmission. Classification of infectious diseases. Epidemiology of intestinal, airborne, arthropod-borne, and skin and external mucosae infections. Epidemiology of zoonoses. Epidemiology of nosocomial infections. Epidemic process – characteristics, determinants. Principles of control of infectious diseases. Specific prophylaxis, active and passive immunization. Decontamination, disinfection, sterilization, disinsection, rodent control.	
<b>Recommended literature:</b> Bakoss et al. Compendium of Epidemiology. Comenius University: Bratislava, 1999 Epidemiology and Prevention of Vaccine-Preventable Diseases. 12th Edition. CDC: Atlanta, 2011 Rothamn KJ.: Epidemiology. An Introduction. Oxford University Press, 2002. Glossary of Epidemiology Terms. CDC: Atlanta, 2012	
<b>Course language:</b> english	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 1089					
A	B	C	D	E	FX
6.24	23.88	34.16	25.07	10.19	0.46
<b>Provides:</b> doc. MUDr. Monika Halánová, PhD., mim. prof., MUDr. Ingrid Babinská, PhD., MPH, Mgr. Lenka Čechová					
<b>Date of last modification:</b> 17.05.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULI/ MZND-GM/12		<b>Course name:</b> Evidence Based Medicine				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 6., 8., 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ULI/MInf-GM/09						
<b>Conditions for course completion:</b> 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all given classworks.						
<b>Learning outcomes:</b> Understand basic principles of Evidence based Medicine (EBM). The students will get skills to obtain information about clinical scientific outputs; they will know how to critically evaluate clinical information as well as they will know to present benefits for clinical praxis. Basics of scientific work related to the medicine will be also explained.						
<b>Brief outline of the course:</b> The history, the development and the recent state on Evidence Based Medicine. Characteristics of clinical trials. Formulation of clinical questions. Specialized information resources for evidence based medicine. Methodology of clinical information searching. Qualitative evaluation of clinical studies and reviews. Presentation of practical works.						
<b>Recommended literature:</b> 1. Heneghan C., Badenoch D.: Evidence-based Medicine Toolkit, BMJ Books, Blackwel Publishing, 2006, ISBN 978-0-7279-1841-3. 2. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 3. Notes from exercises.						
<b>Course language:</b> english						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 43						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
58.14	0.0	0.0	0.0	0.0	0.0	41.86

<b>Provides:</b> doc. Ing. Jaroslav Majerník, PhD.
<b>Date of last modification:</b> 12.05.2016
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> 1. KAIM/FAID-GM/09		<b>Course name:</b> First Aid				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 1.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b> 1. Pass all excercises - 100% participation in exercises 2. Test - min. 75% criteria						
<b>Learning outcomes:</b> Practical education in cardiopulmonary resuscitation, care of the bleeding victim, burns care, covering and imobilization of injury of the skelet.						
<b>Brief outline of the course:</b> 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						
<b>Recommended literature:</b> 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						
<b>Course language:</b> English						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1816						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
77.75	3.36	2.26	2.15	1.82	7.93	4.74
<b>Provides:</b> MUDr. Judita Capková, PhD., MUDr. Monika Grochová, PhD., MUDr. Vladimír Hudák, MUDr. Štefan Ivanecký, doc. MUDr. Radoslav Morochovič, PhD., MUDr. Štefan Trenkler, PhD., MUDr. Ján Babík, CSc., doc. MUDr. Jozef Belák, PhD., prof. MUDr. Juraj Bober, CSc.,						

MUDr. Peter Cibur, PhD., prof. MUDr. Mária Frankovičová, PhD., doc. MUDr. Miroslav Gajdoš, CSc., mim.prof., MUDr. Pavol Harbuľák, MUDr. Stanislava Imrichová, PhD., doc. MUDr. Miroslav Janík, CSc., doc. MUDr. Jana Kat'uchová, PhD., prof. MUDr. Miroslav Kitka, PhD., MUDr. Marián Kudláč, doc. MUDr. Igor Kunderát, CSc., MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Lacko, PhD., prof. MUDr. Vincent Nagy, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, MUDr. Milan Stebnický, PhD., prof. MUDr. Július Vajó, DrSc., prof. MUDr. Ladislav Valanský, PhD., MUDr. Marek Vargovčák, doc. MUDr. Michal Val'ko, PhD., doc. MUDr. Gabriel Vaško, CSc., MUDr. Jozef Voltér, MUDr. Andrej Vrzgula, PhD., doc. MUDr. Jozef Výrostko, CSc., MUDr. Marianna Zábavníková, PhD., MUDr. Natália Šimková, MUDr. Róbert Šimon, PhD., MPH, MUDr. Milan Šudák, PhD., prof. MUDr. Igor Šulla, DrSc., MUDr. Matúš Maruniak

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> USL/ FC-GM/16		<b>Course name:</b> Forensic Criminalistics				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 8., 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> MUDr. Nikita Bobrov, CSc., MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, MUDr. Dorota Sopková						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> USL/ FMML-GM/16		<b>Course name:</b> Forensic Medicine and Medicine Law			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 10.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UA/A-GM3/14 and UP/PA-GM2/16 and UPF/PP-GM2/16					
<b>Conditions for course completion:</b> Current computer test. Final computer test. Oral exam.					
<b>Learning outcomes:</b> The subject is aimed to the application of medical knowledge for the investigation and evaluation of different types of violence onto the human organism, for finding and documentation of causes and circumstances in sudden, non-expected deaths and fatal cases related to diagnostic and medical care treatment, for the solution of facts and proofs for the legal analysis in consideration of national specific legislation.					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 398					
A	B	C	D	E	FX
90.7	6.28	1.76	0.5	0.75	0.0
<b>Provides:</b> MUDr. Nikita Bobrov, CSc., MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Dorota Sopková					
<b>Date of last modification:</b> 08.03.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> 1. IK/ FNCD-GM/16		<b>Course name:</b> Fundamentals in Nutrition and Clinical Dietology				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM3/16						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Appreciation of the knowledge during classes by the teacher						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Omega 3-PUFA a metabolic syndrome.Malnutrition, Obesity.Principles of diet in lipid disorders, obesity and diabetes type 2 patients.Weight loss diet plans and evidence based medicine.Probiotics.Enteral and Parenteral Nutrition.						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 35						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
97.14	0.0	0.0	0.0	0.0	0.0	2.86
<b>Provides:</b> prof. MUDr. Daniel Pella, PhD., MUDr. Božena Nováková, PhD., MUDr. Ján Fedačko, PhD., MUDr. Ivan Majerčák						
<b>Date of last modification:</b> 09.03.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UVZH/ FHRA-GM/15		<b>Course name:</b> Fundamentals of Health Risk Assessment			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 0 <b>Per study period:</b> 28 / 0 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 13					
A	B	C	D	E	FX
46.15	30.77	15.38	0.0	7.69	0.0
<b>Provides:</b> doc. MUDr. Kvetoslava Rimárová, CSc., mim.prof.					
<b>Date of last modification:</b> 11.09.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ULM/ FI-GM/09		<b>Course name:</b> Fundamentals of Immunology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of the course:</b> 4.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1285					
A	B	C	D	E	FX
24.44	5.84	20.86	15.8	22.88	10.19
<b>Provides:</b> RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., RNDr. Katarína Čurová, PhD., MVDr. Vladimír Hrabovský, PhD.					
<b>Date of last modification:</b> 07.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> KVL Šaca/GM-GM/15		<b>Course name:</b> General Medicine				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 9.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IP-GM/15 and ChK/SP-GM/15						
<b>Conditions for course completion:</b> Lectures, Practice, Fellowships, completion of the course						
<b>Learning outcomes:</b> Medical history : current condition, personal, family, work and medication history. Physical examination ( and rectal ). Preventive examination. Vaccination. Prescription of the drugs and medical devices. Acute conditions. Therapy. Consultant examination. Auxiliary examination. Hospitalization. Etics. Law. Documentation.						
<b>Brief outline of the course:</b> 1. General medicine : definition, basic concepts 2. Work of general practitioner : medical and non- medical 3. Diagnosis and treatment : symptoms, syndrome, diagnosis, differential diagnosis , therapy 4. Work particularities of general practitioner : preventive exam, vaccination, prehospital care, medical service of first aid, visits, occupational health services, sickness absence 5. Acute conditions 6. The principles of communication with different groups 7. Medical files. Examination of the dead. Possession of weapons. Motor vehicles. Cooperation with police. 8. eHealth						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 515						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
78.25	20.78	0.0	0.0	0.0	0.97	0.0
<b>Provides:</b> prof. MUDr. PhD. Peter Kalanin, PhD., MUDr. János Icsó, CSc., MUDr. Beatrica Kőváryová, MUDr. Peter Pavlov, MUDr. Matej Šajty, PhD.						



**Date of last modification:** 21.10.2015

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KGO/ GE-GM/09		<b>Course name:</b> Geriatrics			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> IK/IM-GM1/16 and 1. PK/PMC-GM/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 19					
A	B	C	D	E	FX
63.16	10.53	10.53	15.79	0.0	0.0
<b>Provides:</b> doc. MUDr. Marián Sninčák, CSc., mim.prof.					
<b>Date of last modification:</b> 08.09.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> G-PK/ GO-SS-GM/15		<b>Course name:</b> Gynaecology and Obstetrics			
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 11., 12..					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> G-PK/GO-GM3/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 334					
A	B	C	D	E	FX
47.31	17.37	16.17	8.08	7.19	3.89
<b>Provides:</b>					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> G-PK/ GO-GM1/09		<b>Course name:</b> Gynaecology and Obstetrics 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester of the course:</b> 9.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM3/16						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 516						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
78.29	5.04	2.71	5.81	4.07	3.88	0.19
<b>Provides:</b> doc. MUDr. Peter Urdzík, PhD., MPH, doc. MUDr. Róbert Dankovčík, PhD., MPH, mim. prof., MUDr. Milan Matta, MUDr. Peter Suchánek, PhD., MUDr. Ján Varga, PhD., MUDr. Viera Dudičová, PhD., doc. MUDr. Silvia Toporcerová, PhD. MBA						
<b>Date of last modification:</b> 03.05.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> G-PK/ GO-GM2/09		<b>Course name:</b> Gynaecology and Obstetrics 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> G-PK/GO-GM1/09						
<b>Conditions for course completion:</b> 100 % participation in exercises confirmed in scrapbook						
<b>Learning outcomes:</b> Learning outcomes: Getting to know with the principal investigative and therapeutic procedures in obstetrics						
<b>Brief outline of the course:</b> Brief outline of the course: Investigative methods in obstetrics, character physiological and pathological pregnancy, physiological and pathological delivery,						
<b>Recommended literature:</b> Chamberlain G., et al., Illustrated textbook of obstetrics, 1991 Tindall V. R., et al., Illustrated textbook of gynaecology, 1991 Gabbe S. G., et al., Obstetrics, 1996 Novak's and Berek J., et al., Gynaecology, 1996						
<b>Course language:</b> English language						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 401						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.25	0.0	0.0	0.25	0.0	0.5	0.0
<b>Provides:</b> MUDr. Viera Dudičová, PhD., MUDr. Milan Matta, MUDr. Peter Suchánek, PhD., doc. MUDr. Silvia Toporcerová, PhD. MBA, doc. MUDr. Peter Urdzík, PhD., MPH, MUDr. Ján Varga, PhD., MUDr. Erik Dosedla, doc. MUDr. Vladimír Kraus, CSc., prof. MUDr. Štefan Lukačín, CSc., MUDr. Ján Richnavský, PhD.						
<b>Date of last modification:</b> 12.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> G-PK/ GO-GM3/16		<b>Course name:</b> Gynaecology and Obstetrics 3				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 160s <b>Course method:</b> present						
<b>Number of credits:</b> 9						
<b>Recommended semester/trimester of the course:</b> 11., 12..						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> G-PK/GO-GM2/09						
<b>Conditions for course completion:</b> 100 % participation in exercises confirmed in scrapbook						
<b>Learning outcomes:</b> Learning outcomes: Getting to know with the operative procedures in gynaecology and obstetrics, to improve knowledges from block I. and II.						
<b>Brief outline of the course:</b> Brief outline of the course: Basic operative procedures in gynaecology and obstetrics, one-day surgery, invasive prenatal diagnosis (AMC), operative advances in mini-invasive surgery (HSK, LSK)						
<b>Recommended literature:</b> Obstetrics and gynaecology Steven G. Gabbe Jennifer R. Niebyl Joe Leigh Simpson ISBN 978-1-4377-1935-2 2012						
<b>Course language:</b> English language						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 331						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
88.52	10.88	0.0	0.3	0.0	0.0	0.3
<b>Provides:</b> doc. MUDr. Peter Urdzík, PhD., MPH, MUDr. Milan Matta, MUDr. Peter Suchánek, PhD., MUDr. Ján Varga, PhD., doc. MUDr. Silvia Toporcerová, PhD. MBA, MUDr. Viera Dudičová, PhD., doc. MUDr. Róbert Dankovčík, PhD., MPH, mim. prof., MUDr. Erik Dosedla,						

doc. MUDr. Vladimír Kraus, CSc., prof. MUDr. Štefan Lukačín, CSc., MUDr. Ján Richnavský,  
PhD., MUDr. Gabriel Tóth

**Date of last modification:** 08.04.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> USBM/ HCM-GM/13		<b>Course name:</b> Health Care Management			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 50					
A	B	C	D	E	FX
64.0	16.0	12.0	0.0	8.0	0.0
<b>Provides:</b>					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> USL/ HDMP-GM/16		<b>Course name:</b> Health Damage in Medical Practice				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 8., 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 0						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> MUDr. Nikita Bobrov, CSc., MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, MUDr. Dorota Sopková						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UPZ/ HP-GM/10		<b>Course name:</b> Health Psychology				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 8.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 82						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
73.17	0.0	0.0	0.0	0.0	0.0	26.83
<b>Provides:</b> Mgr. Peter Kolarčík, PhD., Mgr. Daniela Bobáková, PhD., doc. Mgr. Zuzana Dankulincová, PhD., Mgr. Jana Holubčíková, PhD., Mgr. Andrej Belák, Mgr. Daniela Husárová, Mgr. Jaroslava Kopčáková						
<b>Date of last modification:</b> 03.05.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UHE/ HE-GM1/13	<b>Course name:</b> Histology and Embryology 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 / 1 <b>Per study period:</b> 28 / 42 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of the course:</b> 2.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Colloquium I. with evaluation: A-E Semestral test Final evaluation A-E: 100 - 93 % A; 92 - 85 % B; 84 - 77 % C; 76 -69 % D; 68 - 60 % E; <a href="http://www.upjs.sk/public/media/9552/GM_HE1-podmienky.pdf">http://www.upjs.sk/public/media/9552/GM_HE1-podmienky.pdf</a>	
<b>Learning outcomes:</b> 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 concerned with basic principles of early human development.	
<b>Brief outline of the course:</b> Histologic technic; Cytology; Epithelial tissue; Connective tissue proper; Cartilage; Bone; Ossification; Muscle tissue; Nervous tissue; Cardiovascular system. Embryology - blastogenesis, early organogenesis.	
<b>Recommended literature:</b> 1. Basic histology (Junqueira, 2013) 2. Functional histology (Adamkov, 2011) 3. Netters functional histology (Ovalle, Nahirney, 2013) 4. Wheater´s Functional histology, Text and Color Atlas (B. Young, G. O´Dowd, 2014) 5. Before we are born (Moore, 2013)	
<b>Course language:</b> English	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 2646						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
80.12	0.23	0.91	1.74	2.12	5.29	9.6
<b>Provides:</b> prof. MUDr. Eva Mechírová, CSc., doc. MVDr. Iveta Domoráková, PhD., doc. MVDr. Jarmila Veselá, CSc., RNDr. Marianna Danková, PhD., MVDr. Štefan Tóth, PhD., MVDr. Zuzana Joncová, CSc., RNDr. Kristína Čurgali, PhD.						
<b>Date of last modification:</b> 14.12.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UHE/ HE-GM2/13	<b>Course name:</b> Histology and Embryology 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 4 / 1 <b>Per study period:</b> 28 / 56 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 8	
<b>Recommended semester/trimester of the course:</b> 2.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UHE/HE-GM1/13	
<b>Conditions for course completion:</b> Practical examination with evaluation: A - E Final exam with evaluation. A- E: 100 - 93 % A; 92 - 85 % B; 84 - 77 % C; 76 -69 % D; 68 - 60 % E; <a href="http://www.upjs.sk/public/media/9552/GM_HE2-podmienky.pdf">http://www.upjs.sk/public/media/9552/GM_HE2-podmienky.pdf</a>	
<b>Learning outcomes:</b> 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.	
<b>Brief outline of the course:</b> Cardiovascular system, Lymphoid system, Digestive system, Respiratory system, Urinary system, Male and female reproductive systems, Endocrine and nervous system, Skin, Sense organs. Embryology II. - organogenesis.	
<b>Recommended literature:</b> 1. Basic histology (Junqueira, 2013) 2. Functional histology (Adamkov, 2011) 3. Netters functional histology (Ovalle, Nahirney, 2013) 4. Wheater's Functional histology, Text and Color Atlas (B.Young, G. O'Dowd, 2014) 5. Before we are born (Moore, 2013)	
<b>Course language:</b> English	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 1507					
A	B	C	D	E	FX
5.24	7.96	15.33	17.12	28.27	26.08
<b>Provides:</b> prof. MUDr. Eva Mechírová, CSc., doc. MVDr. Iveta Domoráková, PhD., doc. MVDr. Jarmila Veselá, CSc., RNDr. Marianna Danková, PhD., MVDr. Štefan Tóth, PhD., MVDr. Zuzana Joncová, CSc., Mgr. Kristína Gregová, PhD., RNDr. Kristína Čurgali, PhD.					
<b>Date of last modification:</b> 14.12.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULI/ HIS-GM/09	<b>Course name:</b> Hospital Information System
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all given classworks. 4. Final exam.	
<b>Learning outcomes:</b> The main aim is to manage work with the real hospital information system. Students should understand principles of electronic health records, to know how to organize patients administration using individual modules of information system and to understand flow of information across the hospital departments and clinics.	
<b>Brief outline of the course:</b> Basics of hospital information systems. Parts of complex HIS (modules), access rights, interface description. Communication between users of HIS. Central register, Central card. Module of Outpatient clinic, creation of new outpatient clinic card, entry examination, anamnesis, emergency data set, score schemes, examination requests and orders, waiting room, outpatient clinic examination, consilium report, dispensatory treatment. Module of Hospital departments, administrative acceptance of patient for hospitalisation, entry examination, organisation of patients in rooms and beds, creation of health care records, displacement of patients in and between hospital departments, administrative discharge of hospitalised patients, final report. Gynaecological and maternity department. Module of Intensive Care Units. Module of Surgery departments. HIS for nurses and caregivers.	
<b>Recommended literature:</b> 1. Majerník J., Kotlářová K.: Medicínska informatika 2 - Nemocničný informačný systém, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-812-2. 2. Majerník J., Švida M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 3. Notes from exercises and manuals of hospital information systems.	
<b>Course language:</b> english	

<b>Notes:</b>					
<b>Course assessment</b>					
Total number of assessed students: 86					
A	B	C	D	E	FX
52.33	30.23	8.14	2.33	1.16	5.81
<b>Provides:</b> doc. Ing. Jaroslav Majerník, PhD.					
<b>Date of last modification:</b> 12.05.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UVZH/ H-GM/15	<b>Course name:</b> Hygiene
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 7.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Attendance at practical lesson and seminars and accepted correct report on measurement, preparation and presentation of seminar thematic topic. Duty attendance minimum 20 % at lectures. The final exam in the written form- at least 64 % to pass the exam.	
<b>Learning outcomes:</b> Students will acquire knowledge about patterns of factors resulting from living and working environment, the impact of the different lifestyle factors on health, health promotion, health protection principles, population health and will receive the knowledge through addressing preventive measures.	
<b>Brief outline of the course:</b> Primary prevention in health care of the population. Primary, secondary and tertiary prevention, risk factors of chronic non-infectious diseases (cardiovascular, cancer, mental, metabolic, accidents, chronic respiratory, etc.). State health supervision, its meaning, structure of governmental service for public health, public health institutes. Public health service in Slovakia. Principles for evaluating health risks in living and working environment. Impact of factors resulting from environmental health. Environmental health, air quality, air contaminants effect on the health. Water its quality and its impact on health. Essential nutrients, their importance and the daily intake, rational nutrition. Food hygiene, principles of food control, contaminants in food. Occupational hygiene, health in the workplace, distribution and influence of factors from working conditions and occupational environment on health (physical, chemical, biological, ergonomic, specific, unspecific, hazardous work). Hygiene and sanitary in health care facilities. Effect of ionizing and non-ionizing radiation on health, protection of the population. Hygienic problems of housing and urbanization. Hygiene of children and youth. Growth and development of children, their health determinants, depending on the environment. Practical and theoretical principles in design, implementation and monitoring of population-based studies determinants of health. Practical visit of selected departments.	
<b>Recommended literature:</b> 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/higiiena/main.pdf>

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 808

A	B	C	D	E	FX
12.13	15.84	19.68	28.59	18.56	5.2

**Provides:** doc. MUDr. Kvetoslava Rimárová, CSc., mim.prof., doc. MVDr. Tatiana Kimáková, PhD., Ing. Viera Lovayová, PhD.

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KICM/ IFM-GM/14		<b>Course name:</b> Infectology Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 3 <b>Per study period:</b> 14 / 42 <b>Course method:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> IK/IM-GM2/14					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b> Epidemiological aspects and basic diagnostics of infectious diseases, the basic principles of antiinfectious treatment, current problems of infectology in the 21st century.					
<b>Brief outline of the course:</b> The nature of infectious diseases, principles of diagnosis. Intestinal infections. Viral hepatitis. Respiratory infections. Neuroinfections. HIV / AIDS. Anti-infective therapy. Exanthematous diseases. Differential diagnosis of fever of unknown origin.					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 518					
A	B	C	D	E	FX
50.19	20.46	14.67	5.41	7.92	1.35
<b>Provides:</b> prof. MUDr. Ivan Schréter, CSc., prof. MUDr. Pavol Jarčuška, PhD., doc. MUDr. Pavol Kristian, PhD., MUDr. Lucia Fontanelli, MUDr. Martin Novotný, PhD., MUDr. Zuzana Paraličová, PhD., MUDr. Alena Rovňáková					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> IK/IM-SS-GM/16	<b>Course name:</b> Internal Medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 11., 12..	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> IK/IM-GM6/16 and 1. PK/PT-GM2/15 and 1. KAIM/AIM-GM/16 and ULCHBKB/CB-GM/16 and KICM/IFM-GM/14	
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 60 questions, needs to achieve 70% 3. Examining of the patient, dg., dif. dg., treatment 4. Appreciation of the knowledge during classes by the teacher 5. To the state exam bring the student's book with the appreciation	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> 1. Methods of investigation in cardiology 2. Cardiac arrhythmias 3. Coronary heart disease 4. Acute myocardial infarction 5. Congestive heart failure 6. Acute pulmonary embolism 7. Rheumatic fever 8. Endocarditis 9. Myocarditis 10. Pericarditis 11. Mitral stenosis and regurgitation 12. Aortic stenosis and regurgitation 13. Atherosclerosis 14. Systemic hypertension 15. Secondary hypertension 16. Syncope 17. Shock 18. Cardiomyopathy 19. Chronic pulmonary heart disease 20. Peripheral vascular disease 21. Methods of investigation in pneumology	

22. Chronic obstructive pulmonary disease
23. Diffuse interstitial lung disorders
24. Bronchial asthma
25. Pneumonias
26. Respiratory failure
27. Tumours of the respiratory tract
28. Tuberculosis
29. Disorders of the pleura
30. Mediastinal lesions
31. Differential diagnosis of dyspnea
32. Methods of investigation in nephrology
33. Acute glomerulonephritis
34. Chronic glomerulonephritis
35. Tubulo-interstitial nephritis
36. Nephrotic syndrom
37. Acute renal failure
38. Chronic renal failure
39. Tumours of the kidney
40. Nephrolithiasis.Cystic renal disease
41. Methods of investigation in gastroenterology
42. Methods of investigation in liver, biliary tract disease
43. Methods of investigation in pancreas
44. Diseases of the oesophagus
45. Gastritis-acute and chronic
46. Peptic ulcer disease
47. Gastric tumours
48. Acute and chronic gastrointestinal bleeding
49. Inflammatory bowel disease
50. Malabsorption
51. Tumours of the small intestine and colonic tumours
52. Chronic hepatitis
53. Liver cirrhosis
54. Liver failure
55. The differential diagnosis of jaundice
56. Alcoholic liver disease
57. Tumours of the liver and biliary tract
58. Diseases of the gallbladder and biliary tract
59. Acute pancreatitis
60. Chronic pancreatitis
61. Acute states in gastroenterology
62. Investigation methods in thyreology
63. Investigation methods of adrenal gland diseases
64. Pituitary tumours. Hyperpituitarism
65. Hypopituitarism
66. Goitre, thyroid tumours
67. Hyperthyroidism
68. Addison disease
69. Cushings syndrome
70. Hypothyroidism

71. Disorders of male reproduction
72. Disorders of female reproduction
73. Diabetes mellitus-classification, diagnosis, symptoms
74. Treatment of diabetes
75. Acute complications of diabetes mellitus
76. Investigations in hematology
77. Anaemias-classification and differential diagnosis
78. Microcytic anemias
79. Macrocytic anemias
80. Haemolytic anemias
81. Myeloproliferative disorders
82. Blood transfusion
83. Bleeding disorders
84. Vein thrombosis
85. Acute leukemias
86. Myelodysplastic syndromes
87. The lymphomas
88. Monoclonal gamapaties
89. Aplastic anaemia
90. The spleen
91. Rheumatoid arthritis
92. Connective tissue disorders: Sclerodermia, Sjögren syndrome, Dermatomyositis
93. Seronegative spondylarthritis
94. Systemic lupus erythematosus
95. Differential diagnosis of chest pain
96. Osteoporosis
97. Fever of unknown origin, septicaemia
98. Acute and chronic poisoning-general principales of managment
99. Drug poisoning /paracetamol, salicylates, NSA/
100. Drog poisoning
101. Mushrooms poisoning
102. Disorders of lipid metabolism
103. Back pain-differential diagnosis
104. Antibiotics-classification, indications, adverse reactions
105. Disorders of acid – base balance
106. Disorders of water and electrolytes
107. Clinical genetics in internal medicine
108. Immunomodulatory treatment
109. Cardiopulmonary resuscitation
110. Paraneoplastic syndromes
111. Vitamins deficiencies
112. Diabetes insipidus.
113. Primary hyperaldosteronism
114. Pheochromocytoma
115. Vasculitis -classification. Polyartheritis nodosa
116. Obesity
117. Immunodeficiency states

**Recommended literature:**

1. Kumar and Clarks: Clinical Medicine, 7th – 8th Edition

2.Kasper D, Fauci A. Harrison 's principles of Internal Medicine					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 355					
A	B	C	D	E	FX
18.03	12.39	17.75	18.59	28.17	5.07
<b>Provides:</b>					
<b>Date of last modification:</b> 08.04.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> IK/IM-GM1/16		<b>Course name:</b> Internal Medicine 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 <b>Per study period:</b> 42 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 5						
<b>Recommended semester/trimester of the course:</b> 6.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UFZ/Ph-GM2/14 and IK/IP-GM/15						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 30 questions, needs to achieve 60% 3. Appreciation of the knowledge during classes by the teacher						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Coronary heart disease- diagnosis and treatment. Myocardial infarction – clinical features, diagnosis and treatment .Endocarditis, myocarditis and pericarditis – dif. diagnosis and treatment. Heart failure .Arrhythmias I. Arrhythmias II .Angiology. Peripheral vascular diseases Acute and chronic cor pulmonale. Thromboembolic disease .Arterial hypertension Syncope. Shock .Echocardiography. Secondary hypertension. Cardiomyopathy. Tuberculosis Chronic obstructive pulmonary disease. Chronic respiratory insufficiency. Inflammatory lung diseases. Investigation methods in pneumology. Bronchogenic carcinoma, other lung tumours Bronchial asthma – diagnosis and treatment .Interstitial lung diseases						
<b>Recommended literature:</b> 1. Kumar and Clarks: Clinical Medicine, 7th – 8th Edition 2. Kasper D, Fauci A. Harrison's principles of Internal Medicine						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 777						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
96.65	0.0	0.51	1.03	0.77	0.51	0.51
<b>Provides:</b> prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Daniel Pella, PhD., prof. MUDr. Gabriel Valočík, PhD., prof. MUDr. Peter Mitro, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Branislav Stančák, CSc., MUDr. Pavol Joppa, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof.,						



prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Elena Tóthová, CSc., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Norbert Lukán, PhD., doc. MUDr. Zbynek Schroner, PhD., MUDr. Mária Kozárová, PhD., MUDr. Ivan Majerčák, MUDr. Lýdia Pundová, CSc., MUDr. Zuzana Kuklišová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Martin Javorský, PhD., MUDr. Marek Varga, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Ivana Gotthardová, MUDr. Alexandra Lisovszki, MUDr. Zuzana Malachovská, MUDr. Mária Rašiová, PhD., MUDr. Katarína Demková, MUDr. Ivana Trojová, MUDr. Božena Nováková, PhD., MUDr. Ján Fedačko, PhD., MUDr. Štefan Tóth, MBA, PhD., MUDr. Miloš Šimurda, PhD., doc. MUDr. Marián Sninčák, CSc., mim.prof., MUDr. Lucia Merkovská, PhD., MUDr. Alina Igorivna Putrya, MUDr. Simona Ujházi

**Date of last modification:** 30.09.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> IK/IM-GM2/14		<b>Course name:</b> Internal Medicine 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM1/16						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 30 questions, needs to achieve 60% 3. Appreciation of the knowledge during classes by the teacher						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Investigation methods in endocrinology. Hypothalamus – pituitary axis. and its disorders. Male and female reproductive endocrinology. Thyroid gland. Parathyroid glands. Differential diagnosis of hypercalcemia and hypocalcemia. Adrenal glands. Diabetes mellitus – classification, diagnosis and complications. Diabetes mellitus – new trends in the treatment. Disorders of the lipid metabolism Investigation methods in hematology. Anemias – differential diagnosis and treatment Myelodysplastic syndrome. Acute leucemias. Myeloproliferative disorders. Multiple myeloma. Monoclonal gamapaties – differential diagnosis						
<b>Recommended literature:</b> 1. Kumar and Clarks: Clinical Medicine, 7th – 8th Edition 2. Kasper D, Fauci A. Harrison 's principles of Internal Medicine						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 689						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
79.83	9.43	4.93	3.19	0.58	2.03	0.0
<b>Provides:</b> prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Peter Mitro, PhD., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Štefan Koval, PhD., doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Jozef Gonsorčík,						

CSc., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr. Zbynek Schroner, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Marek Varga, PhD., MUDr. Pavol Joppa, PhD., MUDr. Ján Pobeha, MUDr. Martin Javorský, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Ivan Majerčák, doc. MUDr. Ingrid Dravecká, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Miriam Kozárová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Lucia Merkovská, PhD., MUDr. Božena Nováková, PhD., MUDr. Martin Janičko, PhD., MUDr. Ľubomír Tomáš, PhD., MUDr. Lucia Jedličková, PhD., MUDr. Eliška Fatľová, MUDr. Ivana Gotthardová, MUDr. Alexandra Lisovszki, MUDr. Zuzana Malachovská, MUDr. Mária Rašiová, PhD., MUDr. Ivana Trojová, MUDr. Štefan Tóth, MBA, PhD., MUDr. Alina Igorivna Putrya

**Date of last modification:** 30.09.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> IK/IM-GM3/16		<b>Course name:</b> Internal Medicine 3				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 <b>Per study period:</b> 42 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 8.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM2/14						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 30 questions, needs to achieve 60% 3. Appreciation of the knowledges during classes by the teacher						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Lymphoproliferative disorders .Multiple myeloma. Monoclonal gamapaties - dif.dg.Investigation methods in gastroenterology and hepatology .Anticoagulation and fibrinolytic therapy Blood transfusion.Haemostasis and its disorders .Diseases of the oesophagus Disorders of the stomach and doudenum.Disorders of the small bowel. Malabsorption Inflammatory bowel diseases.Tumours of the small and large bowel.The Pancreas Disorders of the gallbladder and biliary tract .Chronic hepatitis. Liver tumors Acute states in gastroenterology.Metabolic and toxic liver involvement Liver cirrhosis. Hepatic failure .Immunodeficiency. Immunomodulatory and immunosuppressive treatment.Treatment with glucocorticoids						
<b>Recommended literature:</b> 1. Kumar and Clarks: Clinical Medicine, 7th – 8th Edition 2. Kasper D, Fauci A. Harrison 's principles of Internal Medicine						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 537						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.32	0.19	0.19	0.0	0.0	1.12	0.19
<b>Provides:</b> doc. MUDr. Marián Sninčák, CSc., mim.prof., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Elena Tóthová, CSc., doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr. Norbert Lukán, PhD., MUDr. Eduard Veseliny, PhD.,						

doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Štefan Koval, PhD., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Peter Mitro, PhD., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Gabriel Valočik, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Viola Vargová, PhD., MUDr. Pavol Pobeha, PhD., MUDr. Martin Janičko, PhD., MUDr. Ján Fedačko, PhD., MUDr. Božena Nováková, PhD., MUDr. Peter Horváth, MUDr. Ivan Majerčák, MUDr. Martin Javorský, PhD., doc. MUDr. Zbynek Schroner, PhD., MUDr. Pavol Joppa, PhD., MUDr. Miriam Kozárová, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Zuzana Kuklišová, PhD., MUDr. Marek Varga, PhD., MUDr. Ivana Gotthardová, MUDr. Mária Rašiová, PhD., MUDr. Ivana Trojová, MUDr. Kamila Brúsiková, PhD., MUDr. Lucia Merkovská, PhD., MUDr. Štefan Sotak, PhD. MBA, MUDr. Štefan Tóth, MBA, PhD., MUDr. Alina Igorivna Putrya, MUDr. Simona Ujházi

**Date of last modification:** 30.09.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> IK/IM-GM4/09	<b>Course name:</b> Internal Medicine 4
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 9.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> IK/IM-GM3/16	
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Appreciation of the knowledge during classes by the teacher, Test, 30 questions, needs to achieve 60%	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> Investigation methods in nephrology .Nephrotic syndrome. Differential diagnosis of proteinuria Fluid and electrolyte disorders .Tubulointerstitial nephropathy. Nephrolithiasis. Acute renal failure. Dialysis.Chronic renal failure. Kidney transplantation.Glomerular diseases. Glomerulonephritis.Investigation methods in rheumatology .Rheumatoid arthritis Systemic connective tissue diseases : Classification, systemic sclerosis, dermatomyositis. Sjogren syndrome.Systemic lupus erythematosus .Spondylarthropaties. Metabolic /crystal/ induced arthropaties .Metabolic bone diseases. Occupational Health. Syllabus - Introduction to occupational health.Occupational diseases caused by biological agents Occupational asthma - lung function testing (spirometry, bronchoprovocation tests, spiroergometry) Occupational diseases from overload - examination of upper extremities. Hand arm vibration syndrome.Occupational pneumopathies – diferentiation.Pneumoconiosis - ILO classification, HRCT.Occupational rhinitis – rhinomanometry.Other occupational diseases - cancer, skin diseases, other ...Toxicology I – intoxication by anorganic substances. Toxicology II – intoxication by organic substances.Obesity, cachexia, main causes, possibility of the treatment. Demonstration of the patients.Water and electrolyte disturbances. Disorders of acid.-base homeostasis, dg., principles of the treatment.Sleep apnea syndrome, central and obstructive sleep apnoe syndrome, dg., possibility of the treatment.Reaven syndrome, obesity and insuline resistance. Hyperlipoproteinemias. Nephrology.Blood transfusion, indications, procedures for blood transfusion, complications. Application of the blood transfusion within limits.Atherosclerosis – pathophysiology, clinical manifestations, treatment.	
<b>Recommended literature:</b> 1. Kumar and Clarks: Clinical Medicine, 7th – 8th Edition 2. Kasper D, Fauci A. Harrison 's principles of Internal Medicine	

<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b>						
Total number of assessed students: 516						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
78.29	17.25	1.94	1.16	0.0	0.58	0.78
<p><b>Provides:</b> doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ivana Valočiková, PhD., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Štefan Koval, PhD., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Peter Mitro, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr. Jozef Gonsorčík, CSc., MUDr. Mária Rašiová, PhD., MUDr. Alojz Rajnič, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Martin Javorský, PhD., MUDr. Miriam Kozárová, PhD., MUDr. Peter Horváth, MUDr. Ján Fedačko, PhD., MUDr. Božena Nováková, PhD., MUDr. Martin Janičko, PhD., MUDr. Ľubomír Tomáš, PhD., MUDr. Marek Varga, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Ivan Majerčák, MUDr. Eduard Veseliny, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Ján Pobeha, MUDr. Pavol Joppa, PhD., MUDr. Mária Štolfová, PhD., MUDr. Eliška Fatľová, MUDr. Ivana Gotthardová, MUDr. Veronika Koňaková, MUDr. Alexandra Lisovszki, MUDr. Zuzana Malachovská, doc. MUDr. Marián Sninčák, CSc., mim.prof., MUDr. Kamila Brúsiková, PhD., MUDr. Štefan Sotak, PhD. MBA, MUDr. Slavomír Perečinský, PhD., MUDr. Peter Olexa, PhD., prof. MUDr. Miroslav Mydlík, DrSc.</p>						
<b>Date of last modification:</b> 30.09.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> IK/IM-GM5/09	<b>Course name:</b> Internal Medicine 5
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 10.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> IK/IM-GM4/09	
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Appreciation of the knowledge during classes by the teacher, Test, 30 questions, needs to achieve 60% 3. To the exam bring the student's book with the appreciation	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> Investigation methods in nephrology. Urinalysis. Nephrotic syndrome. Differential diagnosis of proteinuria, dg., treatment of nephrotic syndrome. Demonstration of patients with most frequent electrolyte disturbances. Hyponatremia – differential diagnosis and treatment. Hyper and hypokalemia – differential diagnosis, treatment. Tubulointerstitial nephritis. Nephrolithiasis. Demonstration of patients. Investigations – i.v. urography, ultrasonography of the kidney. Acute kidney injury, causes, dif. dg., treatment. Demonstration of patients with acute kidney injury (within limits). Chronic kidney disease, dividing, main complications of CKD, treatment. Elimination therapy, demonstration of hemodialysis. Acute and chronic glomerulonephritis, dg., dif. dg., treatment. Demonstration within limits. Investigation methods in rheumatology Rheumatoid arthritis. Demonstration of patients – symptoms, investigations, differential diagnosis, treatment. Demonstration of patients with connective tissue diseases. Vasculitis. Diagnosis, laboratory investigations, treatment. Demonstration of patients with connective tissue diseases. Vasculitis. Diagnosis, laboratory investigations, treatment. Osteoporosis and osteomalacia. Epidemiological importance, diagnosis, possibilities of treatment.	
<b>Recommended literature:</b> 1. Kumar and Clarks: Clinical Medicine, 8th Edition 2. Kasper D, Fauci A. Harrison's principles of Internal Medicine	
<b>Course language:</b>	
<b>Notes:</b>	



<b>Course assessment</b>					
Total number of assessed students: 815					
A	B	C	D	E	FX
43.31	19.88	14.72	10.31	10.55	1.23
<p><b>Provides:</b> doc. MUDr. Marián Sninčák, CSc., mim.prof., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Ľubomír Legáth, CSc., MUDr. Pavol Joppa, PhD., MUDr. Marek Varga, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Štefan Koval, PhD., prof. MUDr. Peter Mitro, PhD., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Dušan Trejbal, CSc., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Peter Jarčuška, PhD., mim. prof., MUDr. Martin Janičko, PhD., MUDr. Ján Fedačko, PhD., MUDr. Peter Horváth, MUDr. Božena Nováková, PhD., MUDr. Miriam Kozárová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Zuzana Kočišová, MUDr. Ivan Majerčák, MUDr. Lýdia Pundová, CSc., MUDr. Ján Pobeha, MUDr. Martin Javorský, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Ivana Gotthardová, doc. MUDr. Norbert Lukán, PhD., MUDr. Mária Rašiová, PhD., MUDr. Ivana Trojová, MUDr. Slayomír Perečinský, PhD., MUDr. Peter Olexa, PhD., MUDr. Kamila Brúsiková, PhD., MUDr. Štefan Sotak, PhD. MBA, MUDr. Štefan Tóth, MBA, PhD., MUDr. Alina Igorivna Putrya, MUDr. Simona Ujházi, MUDr. Lucia Merkovská, PhD.</p>					
<b>Date of last modification:</b> 30.09.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> IK/IM-GM6/16		<b>Course name:</b> Internal Medicine 6				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 320s <b>Course method:</b> present						
<b>Number of credits:</b> 13						
<b>Recommended semester/trimester of the course:</b> 11., 12..						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM5/09 and NLK/NL-GM2/14						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 60 questions 3. Examining of the patient, dg., dif. dg., treatment 4. Appreciation of the knowledge during classes by the teacher 5. To the state exam bring the student's book with the appreciation						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Back pain. Chest pain .Treatment with antibiotics and chemotherapeutics.Adverse drug reactions Immunodeficiency. Immunomodulatory and immunosuppressive treatment.Poisoning ( drugs, alcohol, mushroom.Septicaemia.Differential diagnosis of jaundice. Alcoholic liver disease .Paraneoplastic syndromes.Syncope. Shock.						
<b>Recommended literature:</b> 1.Kumar and Clarks: Clinical Medicine, 7th – 8th Edition 2.Kasper D, Fauci A. Harrison 's principles of Internal Medicine						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 336						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
85.12	10.42	3.27	0.6	0.3	0.3	0.0
<b>Provides:</b> prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Peter Mitro, PhD., doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr. Norbert Lukán, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Ivan Majerčák, doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Daniel Pella, PhD., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Jozef Pella, PhD., prof. MUDr.						

Dušan Trejbal, CSc., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Eva Szabóová, PhD., MUDr. Ľubomír Tomáš, PhD., MUDr. Ján Fedačko, PhD., MUDr. Peter Horváth, MUDr. Martin Janičko, PhD., MUDr. Božena Nováková, PhD., MUDr. Miriam Kozárová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Marek Varga, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Pavol Joppa, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Martin Javorský, PhD., MUDr. Pavol Pobeha, PhD., MUDr. Lucia Merkovská, PhD., MUDr. Štefan Tóth, MBA, PhD., MUDr. Ivana Gotthardová, MUDr. Mária Rašiová, PhD., MUDr. Ľubomír Špak, MPH, MUDr. Monika Jankajová, PhD., MUDr. Stanislav Juhás, CSc., MUDr. Silvia Mišíková, PhD., MPH, doc. MUDr. Branislav Stančák, CSc., MUDr. Martin Novotný, PhD., MUDr. Ivana Trojová, MUDr. Pavol Murín, PhD., MUDr. Kamila Brúsiková, PhD., MUDr. Štefan Sotak, PhD. MBA, MUDr. Alina Igorivna Putrya, MUDr. Simona Ujházi

**Date of last modification:** 18.10.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> IK/IP-GM/15	<b>Course name:</b> Internal Medicine - Propedeutics
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of the course:</b> 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UA/A-GM2/14 and UFZ/Ph-GM1/14	
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, 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 exam bring the student's book with the appreciation 5. Conditions for preterm – teacher's recommendation, achievement of 27 points from 30 questions test	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> Introduction to clinical medicine. History taking. Inspection – part II, physical examination of the head and neck. Palpation – part I. Palpation of the chest (lung and heart), physiological and pathological findings. Measurement of blood pressure. Palpation – part II. Palpation of the abdomen, physical examination of ascites. Palpation of the peripheral vessels, examination of the pulse. Percussion. Percussion of the lung, heart and abdomen – physiology and pathology. Auscultation of the lung – physiological and pathological findings. Main symptoms in most frequent diseases (bronchitis, asthma, pneumothorax, pneumonia and pleuritis). Auscultation of the heart. Heart sounds and murmurs. Auscultation findings in most frequent valvular diseases. Principles of clinical electrocardiography, normal ECG, pathologic changes, myocardial hypertrophy, electrolyte disturbances. ECG – coronary heart disease, acute myocardial infarction, pulmonary embolism, pulmonary heart disease, myocarditis, pericarditis. ECG – arrhythmias. X-ray in Internal Medicine.	
<b>Recommended literature:</b> 1. Chrobák L, Grall T, Kvasnička J. Physical examination in Internal Medicine, 1997, GRADA Publishing. 2. P.J. Toghil: Examining Patients. An Introduction to Clinical Medicine, 1993	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 1031					
A	B	C	D	E	FX
15.23	23.18	23.86	14.06	16.1	7.57
<p><b>Provides:</b> prof. MUDr. Peter Mitro, PhD., prof. MUDr. Gabriel Valočik, PhD., prof. MUDr. Ružena Tkáčová, DrSc., prof. MUDr. Dušan Trejbal, CSc., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, prof. MUDr. Daniel Pella, PhD., doc. MUDr. Jozef Gonsorčík, CSc., doc. MUDr. Ľubomír Legáth, CSc., doc. MUDr. Ivana Valočiková, PhD., MUDr. Pavol Joppa, PhD., MUDr. Marek Varga, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Ivan Tkáč, PhD., prof. MUDr. Elena Tóthová, CSc., prof. MUDr. Jozef Pella, PhD., doc. MUDr. Eva Szabóová, PhD., doc. MUDr. Viola Vargová, PhD., doc. MUDr. Peter Jarčuška, PhD., mim. prof., MUDr. Miriam Kozárová, PhD., doc. MUDr. Norbert Lukán, PhD., MUDr. Alojz Rajnič, PhD., MUDr. Martin Javorský, PhD., MUDr. Mária Rašiová, PhD., MUDr. Martin Janičko, PhD., MUDr. Lýdia Pundová, CSc., MUDr. Jana Deptová, PhD., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Ľubomír Tomáš, PhD., MUDr. Ivan Majerčák, doc. MUDr. Zbynek Schroner, PhD., MUDr. Slavomír Perečinský, PhD., MUDr. Zuzana Kuklišová, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Ján Pobeha, MUDr. Pavol Pobeha, PhD., MUDr. Ivana Gotthardová, MUDr. Zuzana Malachovská, MUDr. Eliška Fatľová, MUDr. Alexandra Lisovszki, MUDr. Veronika Koňaková, MUDr. Martin Medvid', MUDr. Mgr. Ivana Jochmanová, MUDr. Štefan Sotak, PhD. MBA, MUDr. Ivana Trojová, MUDr. Ivana Paraničová, MUDr. Anna Hajduková, MUDr. Petra Senajová, MUDr. Ján Fedačko, PhD., MUDr. Štefan Tóth, MBA, PhD., MUDr. Katarína Demková, MUDr. Ľubomír Špak, MPH, MUDr. Monika Jankajová, PhD., MUDr. Stanislav Juhás, CSc., MUDr. Silvia Mišíková, PhD., MPH, doc. MUDr. Branislav Stančák, CSc., MUDr. Eduard Čurilla, PhD., MUDr. Pavol Murín, PhD., MUDr. Božena Nováková, PhD., MUDr. Lucia Merkovská, PhD., MUDr. Alina Igorivna Putrya</p>					
<b>Date of last modification:</b> 14.10.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> CJP/ LFKZSL1/16		<b>Course name:</b> Komunikačné zručnosti v slovenčine pre lekársku prax 1			
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 3., 5., 7.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-GM2/15					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> Mgr. Veronika Pálová, Ing. Mgr. Ingrid Madárová					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> CJP/ LFKZSL2/16		<b>Course name:</b> Komunikačné zručnosti v slovenčine pre lekársku prax 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 4., 6., 8.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> CJP/LFKZSL1/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> Mgr. Veronika Pálová, PhDr. Helena Petruňová, CSc., Ing. Mgr. Ingrid Madárová					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULCHBKB/LDCP-GM/13		<b>Course name:</b> Laboratory Diagnosis in Clinical Practice				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 / 1 <b>Per study period:</b> 0 / 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 24						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
58.33	0.0	0.0	0.0	0.0	0.0	41.67
<b>Provides:</b> RNDr. Miroslava Rabajdová, PhD., doc. RNDr. Marek Stupák, PhD., doc. RNDr. Vladimíra Tomečková, PhD., Mgr. Peter Urban, PhD., Ing. Beáta Hubková, PhD., prof. Ing. Mária Mareková, CSc., RNDr. Jana Mašlanková, PhD., RNDr. Beáta Veliká, PhD.						
<b>Date of last modification:</b> 03.05.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULCHBKB/MBCH- GM1/16		<b>Course name:</b> Medical Biochemistry 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 4 / 3 <b>Per study period:</b> 56 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 8						
<b>Recommended semester/trimester of the course:</b> 3.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1335						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
76.25	0.22	0.3	1.35	2.02	10.49	9.36
<b>Provides:</b> doc. RNDr. Marek Stupák, PhD., prof. Ing. Mária Mareková, CSc., doc. RNDr. Vladimíra Tomečková, PhD., Mgr. Peter Urban, PhD., RNDr. Beáta Veliká, PhD., RNDr. Jana Mašlanková, PhD., Ing. Beáta Hubková, PhD., doc. RNDr. Janka Vašková, PhD., RNDr. Miroslava Rabajdová, PhD., MUDr. Anna Birková, PhD.						
<b>Date of last modification:</b> 07.03.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ULCHBKB/MBCH-GM2/14		<b>Course name:</b> Medical Biochemistry 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 <b>Per study period:</b> 42 / 42 <b>Course method:</b> present					
<b>Number of credits:</b> 7					
<b>Recommended semester/trimester of the course:</b> 4.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ULCHBKB/MBCH-GM1/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1122					
A	B	C	D	E	FX
3.83	4.19	9.8	15.6	44.56	22.01
<b>Provides:</b> doc. RNDr. Marek Stupák, PhD., prof. Ing. Mária Mareková, CSc., doc. RNDr. Vladimíra Tomečková, PhD., Mgr. Peter Urban, PhD., RNDr. Jana Mašlanková, PhD., RNDr. Beáta Veliká, PhD., Ing. Beáta Hubková, PhD., RNDr. Miroslava Rabajdová, PhD., RNDr. Miroslava Revická, PhD., doc. RNDr. Janka Vašková, PhD.					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULBF/ MBF-GM/09	<b>Course name:</b> Medical Biophysics
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 4 / 3 <b>Per study period:</b> 56 / 42 <b>Course method:</b> present	
<b>Number of credits:</b> 8	
<b>Recommended semester/trimester of the course:</b> 2.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> A. Students can gain points during the term: a) small test at practical exercise b) attendance at practical lesson and accepted correct report (protocol) on measurement c) big test concerning lectured topics at midterm The gain less than 64 % must be compensated by successful retake test at the end of practical course. Practical exercises is evaluated according to ECTS table. Students have the duty take part minimum at 50% of lectures. B. Final exam evaluation: Two items contribute to the final exam evaluation. Their particular contribution to the final evaluation: 1. the gain during permanent study check 20% 2. the final exam in the written form - at most 80%. To pass exam, no of above two items can be classified as Fx (failure). The knowledge evaluation is expression of percentual level (20%+80%) according to ECTS table.	
<b>Learning outcomes:</b> 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 technigues, 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 additional benefit from the course students will be able to address biophysical problems having close relationship to health and sickness in man.	
<b>Brief outline of the course:</b> 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, Electrical current and tissues, Biophysics of senses, Sound and hearing, Biophysics of vision, Biophysics of cardiovascular system.

**Recommended literature:**

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

Medical biophysics practical exercises, M. Legiň et al., Academic textbook, Košice 2013

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

Biophysical elixir, E. Kukurová et al., Edition of study literature, Bratislava, 1991

**Course language:**

**Notes:**

**Course assessment**

Total number of assessed students: 1582

A	B	C	D	E	FX
3.29	5.37	13.34	19.79	52.97	5.25

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

**Date of last modification:** 03.05.2015

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> CJP/ LFMCS/11	<b>Course name:</b> Medical Communication in Slovak
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 <b>Per study period:</b> 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-GM1/09 or Dek. LF UPJŠ/SL-GM2/15 or Dek. LF UPJŠ/SL-DM2/15 or Dek. LF UPJŠ/SL-DM1/09	
<b>Conditions for course completion:</b> Students must actively participate in the class during the semester. Max. 1 absence. Final assessment is based on 2 tests (6th/7th week and 12th/13th week), a minimum overall average of 60% is required (1st test + 2nd test = final result). There is an opportunity to write a course test in a week 14 in case of a fail to reach the minimum of 60%. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0%	
<b>Learning outcomes:</b> After completing the course, students are able to communicate with patients in various departments in the hospital. They can ask the patient specific questions and giving them specific instructions, depending on the department in which they are located.	
<b>Brief outline of the course:</b> At Urology – doctor/patient conversation At Gynecology – doctor/patient conversation At Pediatrics – doctor/patient conversation At Orthopedics – doctor/patient conversation At Neurology – doctor/patient conversation	
<b>Recommended literature:</b> Džuganová, B. a kol.: Lekárska slovenčina pre zahraničných študentov - Medical Slovak for foreign students. Univerzita Komenského v Bratislave, 2013. Petruňová, H.: Slovenčina pre medikov. Univerzita P.J.Šafárika v Košiciach, 2001	
<b>Course language:</b> Slovak A1 English A1	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 136					
A	B	C	D	E	FX
52.21	17.65	16.91	6.62	5.15	1.47
<b>Provides:</b> Mgr. Lívia Barnišinová					
<b>Date of last modification:</b> 29.01.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UVZH/ ME-GM/15		<b>Course name:</b> Medical Ecology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 5.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ULBL/B-GM1/09					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 145					
A	B	C	D	E	FX
62.07	20.69	8.97	1.38	2.07	4.83
<b>Provides:</b> doc. MUDr. Kvetoslava Rimárová, CSc., mim.prof.					
<b>Date of last modification:</b> 11.09.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> CJP/ LFME/11	<b>Course name:</b> Medical English
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 <b>Per study period:</b> 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 3., 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> KROKF/LFMT/07	
<b>Conditions for course completion:</b> Active participation, 2 absences (2x45 min.) tolerated. Test (5th/6th week), min. 60%, no retake. Oral presentation. Exam - final exam test. Grading scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% and less.	
<b>Learning outcomes:</b> 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.	
<b>Brief outline of the course:</b> 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.	
<b>Recommended literature:</b> 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 <a href="http://www.bbc.co.uk/worldservice/learningenglish">http://www.bbc.co.uk/worldservice/learningenglish</a>	
<b>Course language:</b> English language, level B2 according to CEFR.	
<b>Notes:</b>	



<b>Course assessment</b>					
Total number of assessed students: 1024					
A	B	C	D	E	FX
53.52	15.53	10.94	6.74	6.35	6.93
<b>Provides:</b> PhDr. Helena Petruňová, CSc., Mgr. Zuzana Kolaříková, PhD., Mgr. Marianna Škultétyová, Mgr. Veronika Pálová					
<b>Date of last modification:</b> 31.01.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> USL/ ME-GM/16		<b>Course name:</b> Medical Ethics			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 1., 7.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b> Current computer test. Final computer test. Written exam.					
<b>Learning outcomes:</b> The subject is aimed at acquiring knowledge about the ethical dimension of the doctor (medical worker) and the patient interactions with training skills to solve dilemma situations of medical practice, forming an overview of national and international acts relating to medical ethics and bioethics, comprehensive view on ethical issues in medicine in connection with the general trend towards global ethics and global responsibility accepting intercultural and interreligious insights.					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1040					
A	B	C	D	E	FX
81.73	13.46	2.69	0.67	0.58	0.87
<b>Provides:</b> MUDr. Nikita Bobrov, CSc., MUDr. Silvia Farkašová Iannaccone, PhD., MUDr. Ingrid Nerantzakis, MUDr. Dorota Sopková					
<b>Date of last modification:</b> 07.03.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ULCHBKB/MCH- GM/16		<b>Course name:</b> Medical Chemistry			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of the course:</b> 1.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 340					
A	B	C	D	E	FX
2.06	3.53	8.24	15.59	38.24	32.35
<b>Provides:</b> prof. Ing. Mária Mareková, CSc., doc. RNDr. Marek Stupák, PhD., doc. RNDr. Vladimíra Tomečková, PhD., RNDr. Beáta Veliká, PhD., RNDr. Jana Mašlanková, PhD., Mgr. Peter Urban, PhD., Ing. Beáta Hubková, PhD., RNDr. Ivana Špaková, MUDr. Anna Birková, PhD., RNDr. Lukáš Smolko, PhD., RNDr. Miroslava Rabajdová, PhD.					
<b>Date of last modification:</b> 07.03.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ULI/ MInf-GM/09	<b>Course name:</b> Medical Informatics
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 1.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> 1. 100% and active attendance. 2. Min. 60% from each test during the term. 3. Elaboration of all given classworks.	
<b>Learning outcomes:</b> The aim of the course is to get knowledge about the basic terms, methods and tools of information and communication technologies. To reach the computer skills at the level, that allows students to create and to use databases and to get skills in information systems used in health care system. Students should also understand the importance of medical terminology, standards and evidence based medicine.	
<b>Brief outline of the course:</b> Utilization of ICT and informatics tools in medicine, eHealth, electronic health record, ePrescription, eMedication, eAllocation, information systems, telemedicine, bioinformatics, electronic signature, eLearning. Databases, data processing, database tables, primary keys, input mask, relations between tables. Forms in database, controls in forms, searching for information in database, data filtering, data sorting, queries, selection criteria, working with printing reports. Introduction into the biomedical statistics, descriptive statistics. Hospital information system. Terminology in medicine. PACS. Laboratory information system. Evidence based medicine.	
<b>Recommended literature:</b> 1. Majerník J., Švída M., Majerníková Ž.: Medicínska informatika, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-811-5. 2. Majerník J., Kotlárová K.: Medicínska informatika 2 - Nemocničný informačný systém, UPJŠ, Košice 2010, Equilibria, ISBN 978-80-7097-812-2. 3. Majerník J.: Základy informatiky, Košice 2008, Aprilla, ISBN 978-80-89346-03-5. 4. Notes from exercises. 5. Manuals of information systems used in health care system.	
<b>Course language:</b> english	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 1734						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
72.84	0.98	2.42	4.73	5.19	4.67	9.17
<b>Provides:</b> doc. Ing. Jaroslav Majerník, PhD., Ing. Lenka Szerdiová, PhD., Ing. Martina Habiňaková, PhD.						
<b>Date of last modification:</b> 11.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> USL/ ML-GM/16		<b>Course name:</b> Medical Law			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 6., 8.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> KROKF/LFMT/07 and UO/NC-GM2/09					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b>					
<b>Date of last modification:</b> 09.03.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KROKF/LFMT/07		<b>Course name:</b> Medical Terminology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: 2 Per study period: 28</b> <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 1.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b> Two written tests during the semester, 40 maximum points, they will be added to the final exam (110 points)					
<b>Learning outcomes:</b> 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.					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b> Bujalkova, M., Jureckova, A.:Terminologia Medica. Greco-Latin Medical Terminology. UK Bratislava 2013 Steven NGAI: Understanding Anatomical Latin. Atlas of Human Body					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1932					
A	B	C	D	E	FX
8.23	11.23	17.55	21.58	35.2	6.21
<b>Provides:</b> Mgr. Alexandra Kavečanská, Mgr. Mgr. Anabela Katreničová, Ph.D., PhDr. Pavol Šalamon					
<b>Date of last modification:</b> 06.09.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> USBM/ MBR-GM/13		<b>Course name:</b> Methodology of Biomedical Research				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 5						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
60.0	20.0	0.0	0.0	0.0	0.0	20.0
<b>Provides:</b> Mgr. Iveta Rajničová Nagyová, PhD.						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ULM/ MB-GM1/09		<b>Course name:</b> Microbiology 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 4.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ULBL/B-GM1/09						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1181						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
91.02	0.76	0.93	0.68	0.51	4.49	1.61
<b>Provides:</b> RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., RNDr. Katarína Čurová, PhD., MVDr. Vladimír Hrabovský, PhD., MUDr. Marián Marcin, Mgr. Ľuboš Ambro, PhD.						
<b>Date of last modification:</b> 11.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ULM/ MB-GM2/14		<b>Course name:</b> Microbiology 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present					
<b>Number of credits:</b> 6					
<b>Recommended semester/trimester of the course:</b> 5.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ULM/MB-GM1/09					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1092					
A	B	C	D	E	FX
28.11	7.97	15.29	11.72	19.69	17.22
<b>Provides:</b> RNDr. Marián Sabol, CSc., Dr.h.c. prof. MUDr. Leonard Siegfried, CSc., MVDr. Vladimír Hrabovský, PhD., MUDr. Marián Marcin					
<b>Date of last modification:</b> 07.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UPF/ MPF-GM/14		<b>Course name:</b> Molecular Pathophysiology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 0 <b>Per study period:</b> 14 / 0 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 6., 8.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UPF/PP-GM1/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 4					
A	B	C	D	E	FX
50.0	25.0	25.0	0.0	0.0	0.0
<b>Provides:</b> doc. MUDr. Oliver Rácz, CSc., mim.prof., doc. MUDr. Roman Beňačka, CSc., mim.prof., MVDr. Eva Lovásová, PhD.					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> NLK/ NL-GM1/14	<b>Course name:</b> Neurology 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 7.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UA/A-GM3/14	
<b>Conditions for course completion:</b> 1. 100 % active participation in practical exercises, in the case of absence, may substitute up to 3 exercises per semester 2. Compulsory attendance in at least 11 lectures 3. Practical examination of the neurological patient. 4. Successful completion of the test.	
<b>Learning outcomes:</b>	
<b>Brief outline of the course:</b> Neurology - general considerations. History taking. Cranial nerves I-XII, anatomy, physiology, pathology. Affection of the upper and the lower motor neurons – anatomic and physiologic considerations, diagnosis of paralytic states – lesion of corticospinal tract, brain stem syndromes, lower motor neuron lesions. Sensation. Anatomy, pathology. Cerebellum. Anatomy. Paleocerebellar and neocerebellar syndromes. Disorders of stance and gait. Extrapyramidal system. Hypertonic - hypokinetic syndrom. Hypotonic - hyperkinetic syndrom. Dystonia. Language and higher cortical function. Physiological and anatomical considerations. Language disorders, brain lobes pathology. Consciousness and unconsciousness. Causes of unconsciousness, quantitative disorders of consciousness: drowsiness, stupor, coma. The investigation of unconscious patient. Glasgow coma scale. Delirium. Brain death. Meningeal syndrom. Cerebrospinal fluid. Physiology, pathology. Lumbar puncture. Intracranial hypertension. Herniation of the brain – temporal, occipital. Plane X-ray of the skull and spine. Computer tomography of the brain and spinal column. MRI of the brain and spinal cord. PET, SPECT, DAT SCAN. Neurophysiological examination in neurology. Evoked potentials, electromyography. General considerations, clinical value. Electroencephalography. Polysomnography. Ultrasound examination in neurology. Duplex ultrasound of extracranial and intracranial cerebral arteries. Angiography of cerebral arteries. General considerations, clinical value. Head injury. Concussion, subdural, epidural hematoma, contusion of the brain. Spinal column and spinal cord injury. Dementia. Diagnosis, differential diagnosis. Alzheimer disease, Lewy body disease, frontotemporal dementia. Vascular dementia, other dementias. Diagnostic, therapy. Sleep disorders. Hypersomnia of the CNS origin. Restless leg syndrome. Developmental diseases of the nervous system. Cranial abnormalities, cerebral	

palsy, fakomatosis, neurofibromatosis (M. Recklinghausen,) angiomas, myelodysplasia, syringomyelia.

**Recommended literature:**

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

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

**Course language:**

english language

**Notes:**

**Course assessment**

Total number of assessed students: 689

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
81.71	15.53	0.0	0.15	0.0	1.31	1.31

**Provides:** prof. MUDr. Zuzana Gdovinová, CSc., doc. MUDr. Jarmila Szilasióvá, PhD., MUDr. Mária Tormašiová, PhD., MUDr. Eva Feketeová, PhD., MUDr. Norbert Leško, MUDr. Marianna Vitková, PhD., MUDr. Matej Škorvánek, PhD., MUDr. Vladimír Haň

**Date of last modification:** 20.09.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> NLK/ NL-GM2/14		<b>Course name:</b> Neurology 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 4					
<b>Recommended semester/trimester of the course:</b> 8.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> NLK/NL-GM1/14					
<b>Conditions for course completion:</b> 1. 100 % active participation in practical exercises, in the case of absence, may substitute up to 3 exercises per semester 2. Attendance at least 11 lectures 3. Prerequisite to the oral exam from Neurology II requires passing a written test.					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b> 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. Paraneoplastic disorders. Pseudotumor cerebri. Demyelinating disorders - multiple sclerosis. Infectious disorders of the nervous system –meningitis, encephalitis. Neurosyphilis. Lyme disease. AIDS. Brain abscess. Polyradiculoneuritis Guillain-Barre. Muscle diseases. Metabolic disorders.					
<b>Recommended literature:</b> Gdovinová Z., Szilasiová J.: Textbook of general neurology. Košice : Aprilla Ltd. for Hanzlúvka Books, 2009. 189 s. ISBN 9788089346158 (brož.). Brust J.C.M.: Neurology. Current Diagnosis and treatment. Lange Medical Books/McGraw-Hill, 2007. 601 pp. ISBN: 13: 978-0-07-110554-5					
<b>Course language:</b> english language					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 579					
A	B	C	D	E	FX
14.34	13.13	19.17	12.78	21.76	18.83
<b>Provides:</b> prof. MUDr. Zuzana Gdovinová, CSc., doc. MUDr. Jarmila Szilasiová, PhD., MUDr. Mária Tormašiová, PhD., MUDr. Eva Havlíková, PhD., MUDr. Eva Feketeová, PhD., MUDr.					

Norbert Leško, MUDr. Marianna Vitková, PhD., MUDr. Matej Škorvánek, PhD., MUDr. Vladimír Haň

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KRNM/ NM-GM/14		<b>Course name:</b> Nuclear Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 7.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ULBF/MBF-GM/09					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 718					
A	B	C	D	E	FX
13.79	22.84	23.12	20.75	15.74	3.76
<b>Provides:</b> doc. MUDr. Ján Lepej, CSc.					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UO/NC-GM1/13	<b>Course name:</b> Nursing Care 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 3.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b>	
<b>Learning outcomes:</b> Main aim of nursing care is introduce to the student general knowledge about nursing care ant help them to gain skills of nursing clinical procedure which they will use in there medical practice in hospital. Student will be able to understand the main principals of the health care system, infection control, health and safety, nutrition of the patient... He/she will know different types of binders and bandages an will be able to provide them in practice.	
<b>Brief outline of the course:</b> Assessing vital signs - pulse rate, respiratory rate, body temperature, blood pressure. Administration of medication. Administering parenteral medications - types of medications, types of syringes and needles, removing medication from a vial and an ampoule. Administering intradermal, subcutaneous, intramuscular, intravenous injection. Administering i. v. fluids and medications. Administering a blood transfusion. Administering a cleansing enema. Catheterising the female and male urinary bladder.	
<b>Recommended literature:</b> Šulla,I Gajdoš, M., Výrostko J., Zamboriová, M. et al. : Nursing care. UPJŠ Faculty of Medicine. Košice 2003. p. 112. ISBN 80-7097-517-2. Dingová, M., Lepiešová, M., Rosenberg, A. et al. : Basic of Nursing. Comenius University in Bratislava. Jessenius Faculty of Medicine in Martin. Martin 2011. p. 283. ISBN 978-80-88866-88-6. Shafout, R., Štefková, G.: Nursing Care Clinical Procedures II. UPJŠ Faculty of Medicine. Košice 2011, p.150.ISBN 978-80-7097-890-0 Dougherty, L., Lister, S. 2008. The Royal Marsden Hospital Manual of Clinical Nursing Procedures. Seventh Edition. Wiley-Blackwell, 2004. p. 1026. ISBN 978-1-4051-6999-8.	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 1463						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
80.18	5.74	4.17	3.21	2.53	2.8	1.37
<b>Provides:</b> doc. PhDr. Mária Zamboriová, PhD., mim. prof., PhDr. Gabriela Štefková, PhD., PhDr. Mária Sováriová Soósová, PhD.						
<b>Date of last modification:</b> 08.09.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UO/NC-GM2/09	<b>Course name:</b> Nursing Care 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester of the course:</b> 4.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UO/NC-GM1/13	
<b>Conditions for course completion:</b>	
<b>Learning outcomes:</b> Main aim of nursing care is introduce to the student general knowledge about assessing vital signs, administration of medication., parenteral medications (intradermal, subcutaneous, intramuscular, intravenous injection), administering a blood transfusion, administering a cleansing enema, catheterising the female and male urinary bladder. Student will be able to understand the main principals of the named clinical procedures will be able to provide them in practice.	
<b>Brief outline of the course:</b> Introduction to nursing care. Introduction health care system in Slovakia. The medical staff and health care workers. Types of nursing care unit. Stay in hospital, adaptation to the hospital enviroment. Admission, transfer and discharge of patients. Infection control, health and safety - sterilisation and disinfection. Nutrition, introduction of dietology. Applying binders and bandages - purposes, assessment, planning, settings goals, preparation of equipment, technique in general.	
<b>Recommended literature:</b> Šulla,I Gajdoš, M., Výrostko J., Zamboriová, M. et al. : Nursing care. UPJŠ Faculty of Medicine. Košice 2003. p. 112. ISBN 80-7097-517-2. Dingová, M., Lepiešová, M., Rosenberg, A. et al. : Basic of Nursing. Comenius University in Bratislava. Jessenius Faculty of Medicine in Martin. Martin 2011. p. 283. ISBN 978-80-88866-88-6. Shafout, R., Štefková, G.: Nursing Care Clinical Procedures II. UPJŠ Faculty of Medicine. Košice 2011, p.150.ISBN 978-80-7097-890-0 Dougherty, L., Lister, S. 2008. The Royal Marsden Hospital Manual of Clinical Nursing Procedures. Seventh Edition. Wiley-Blackwell, 2004. p. 1026. ISBN 978-1-4051-6999-8.	
<b>Course language:</b> English	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 1202					
A	B	C	D	E	FX
11.98	22.96	34.28	21.38	8.24	1.16
<b>Provides:</b> doc. PhDr. Mária Zamboriová, PhD., mim. prof., PhDr. Gabriela Štefková, PhD., PhDr. Mária Sováriová Soósová, PhD.					
<b>Date of last modification:</b> 08.09.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UO/NC-C-GM/15	<b>Course name:</b> Nursing Care - clerkship in hospital
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 80s <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 4.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UO/NC-GM1/13	
<b>Conditions for course completion:</b> The official confirmation about nursing care clearship	
<b>Learning outcomes:</b> Main aim of nursing care is to be able Student will be able to understand the main principals of functioning the nursing ward unite, the system of the work, the main principals of nursing clinical procedure. Student will be able to provide nursing clinical procedure in clinical practice in environment of hospital.	
<b>Brief outline of the course:</b> Functioning and system of the work nursing in the ward unite. Admission, transfer and discharge of patients, ward round, nursing clinical procedures - assessing vital signs, administration of medication, intradermal, parenteral medications (intradermal, subcutaneous, intramuscular, intravenous injection), administering a blood transfusion, administering a cleansing enema, catheterising the female and male urinary bladder.	
<b>Recommended literature:</b> 1. Šulla, I., Gajdoš, M., Výrostko J., Zamboriová, M. et al. : Nursing care. UPJŠ Faculty of Medicine. Košice 2003 2. Dingová, M., Lepiešová, M., Rosenberg, A. et al. : Basic of Nursing. Comenius University in Bratislava. Jessenius Faculty of Medicine in Martin. Martin 2011 3. Shafout, R., Štefková, G.: Nursing Care Clinical Procedures II. UPJŠ Faculty of Medicine. Košice 2011 4. Dougherty, L., Lister, S. 2008. The Royal Marsden Hospital Manual of Clinical Nursing Procedures. Seventh Edition. Wiley-Blackwell, 2004.	
<b>Course language:</b> English	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 1109						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
92.25	0.0	0.0	0.0	0.09	0.0	7.66
<b>Provides:</b> doc. PhDr. Mária Zamboriová, PhD., mim. prof., PhDr. Mária Sováriová Soósová, PhD., PhDr. Gabriela Štefková, PhD.						
<b>Date of last modification:</b> 08.09.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UO/ NCCP-GM/12	<b>Course name:</b> Nursing Care - Clinical procedures
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 6., 8.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UO/NC-GM2/09	
<b>Conditions for course completion:</b>	
<b>Learning outcomes:</b> Aim of nursing care is introduce to the student general knowledge about nursing care ant help them to gain skills of nursing clinical procedure which they will use in there medical practice in hospital. Student will be able to understand the main principals of the health care system, infection control, health and safety, nutrition of the patient... He/she will know different types of binders and bandages an will be able to provide them in practice.	
<b>Brief outline of the course:</b> Clinical observation, assessing vital signs. How to fill up observation chart correctly. Administration of medication. Administering parenteral medications - types of medications, types of syringes and needles, removing medication from a vial and an ampoule. Administering intradermal, subcutaneous, intramuscular, intravenous injection. Administering i. v. fluids and medications. Administering a blood transfusion. Clinical training in hospital environment - administering different types of parenteral medications, phlebotomy and blood sampling.	
<b>Recommended literature:</b> Šulla,I Gajdoš, M., Výrostko J., Zamboriová, M. et al. : Nursing care. UPJŠ Faculty of Medicine. Košice 2003. p. 112. ISBN 80-7097-517-2. Dingová, M., Lepiešová, M., Rosenberg, A. et al. : Basic of Nursing. Comenius University in Bratislava. Jessenius Faculty of Medicine in Martin. Martin 2011. p. 283. ISBN 978-80-88866-88-6. Shafout, R., Štefková, G.: Nursing Care Clinical Procedures II. UPJŠ Faculty of Medicine. Košice 2011, p.150.ISBN 978-80-7097-890-0 Dougherty, L., Lister, S. 2008. The Royal Marsden Hospital Manual of Clinical Nursing Procedures. Seventh Edition. Wiley-Blackwell, 2004. p. 1026. ISBN 978-1-4051-6999-8.	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 96						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
86.46	0.0	0.0	0.0	0.0	0.0	13.54
<b>Provides:</b> PhDr. Mária Sováriová Soósová, PhD., PhDr. Renáta Shafout, PhD., PhDr. Gabriela Štefková, PhD.						
<b>Date of last modification:</b> 03.05.2015						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> OK/OF-GM/13		<b>Course name:</b> Ophthalmology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of the course:</b> 10.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UPF/PP-GM2/16 and IK/IM-GM3/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 409					
A	B	C	D	E	FX
93.64	1.96	1.71	1.22	1.47	0.0
<b>Provides:</b> MUDr. Gabriela Glinská, MUDr. Miriama Skirková, Mgr. MUDr. Jaroslav Kolesár					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KORLaF/ORL-GM/14		<b>Course name:</b> Otorhinolaryngology			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> NLK/NL-GM1/14 and ChK/S-GM3/16 and UFR/PM-GM1/14					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 467					
A	B	C	D	E	FX
30.19	19.49	20.77	14.78	14.13	0.64
<b>Provides:</b> prof. MUDr. Juraj Koval', CSc., MUDr. Michal Molčan, CSc., MUDr. Tímea Košťalová, MUDr. Andrej Koman					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KDaD/ PE-SS-GM/16		<b>Course name:</b> Paediatrics			
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 11., 12..					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> KDaD/PE-GM3/16 and 1. KAIM/AIM-GM/16 and 1. PK/PT-GM2/15					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 339					
A	B	C	D	E	FX
15.93	16.52	23.01	18.29	22.71	3.54
<b>Provides:</b>					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> KDaD/ PE-GM1/15		<b>Course name:</b> Paediatrics 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester of the course:</b> 9.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UFR/PM-GM1/14						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Diseases of the respiratory system – acute infections, asthma bronchiale, non-inflammatory diseases. Cardiovascular system – congenital heart diseases, inflammatory diseases, hypertension. Congenital anomalies of the Gastrointestinal tract, malabsorptive syndrome, IBD, liver diseases. Disorders of the thyroid gland, diabetes mellitus, disorders of calcium-phosphate metabolism, most common inborn errors of metabolism.						
<b>Recommended literature:</b> Marcdante KJ, Kliegman RM, Jenson HB, et al.: Nelson Essentials of Pediatrics, Sixth Edition, Saunders Elsevier 2011, ISBN-13: 978-1-4377-0643-7, 831 pp. Roberton DM, South M: Practical Paediatrics, Sixth Edition, Churchill Livingstone Elsevier, 2007, ISBN: 978-0-443-10280-6, 861 pp.						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 534						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
76.78	2.25	6.37	5.62	3.93	4.12	0.94
<b>Provides:</b> doc. MUDr. Milan Kuchta, CSc., mim.prof., doc. MUDr. Veronika Vargová, PhD., MUDr. Gabriel Kol'vek, PhD., MUDr. Katarína Gombošová, PhD., MUDr. Juraj Hedvig, PhD., MUDr. Miroslava Petrášová, PhD., MUDr. Juliana Ferenczová, PhD., MUDr. Peter Krcho, PhD., MUDr. Pavol Mrázik, PhD., doc. MUDr. Ingrid Schusterová, PhD., MUDr. Alžbeta Tóhátyová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňaková, MUDr. Anna Fözóová, MUDr. Gabriela Gáborová, MUDr. Zuzana Hribíková						
<b>Date of last modification:</b> 03.05.2015						

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> KDaD/ PE-GM2/12		<b>Course name:</b> Paediatrics 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> KDaD/PE-GM1/15						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b> Examination and health care of a child patient on pediatric department. Acquisition of theoretical and practical skills beginning from admission of the patient to his discharge from hospital (medical history taking, physical examination, layout of diagnostic procedures, their interpretation, differential diagnosis, treatment). Working with medical records, documentation. Learning of basic diagnostic and therapeutic algorithms following the most common diseases of childhood, according to systems presented on lectures.						
<b>Brief outline of the course:</b> Kidney diseases – congenital anomalies, Urinary tract infections, renal syndromes, glomerulonephritis, inherited tubular disorders, electrolyte and acid-base disorders. Genetic syndromes, anemias, Disorders of coagulation and thrombocytes, leukemias and most common solid tumors of childhood. Pediatric neurology – epilepsy, neuromuscular disorders. Rheumatic diseases – JIA, SLE, most common immunologic system disorders, neonatal pathology. Disorders of the Adrenal glands and side-effects of corticotherapy.						
<b>Recommended literature:</b> Marcdante KJ, Kliegman RM, Jenson HB, et al.: Nelson Essentials of Pediatrics, Sixth Edition, Saunders Elsevier 2011, ISBN-13: 978-1-4377-0643-7, 831 pp. Roberton DM, South M: Practical Paediatrics, Sixth Edition, Churchill Livingstone Elsevier, 2007, ISBN: 978-0-443-10280-6, 861 pp.						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 403						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.26	0.0	0.0	0.0	0.0	0.5	0.25

**Provides:** doc. MUDr. Veronika Vargová, PhD., MUDr. Gabriel Kol'vek, PhD., MUDr. Katarína Gombošová, PhD., MUDr. Juraj Hedvig, PhD., MUDr. Miroslava Petrášová, PhD., MUDr. Juliana Ferenczová, PhD., MUDr. Peter Krcho, PhD., MUDr. Pavol Mrážík, PhD., doc. MUDr. Ingrid Schusterová, PhD., MUDr. Alžbeta Tóhátyová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňaková, MUDr. Gabriela Gáborová, MUDr. Zuzana Hribíková, MUDr. Anna Főzőová

**Date of last modification:** 03.05.2015

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KDaD/ PE-GM3/16	<b>Course name:</b> Paediatrics 3
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 200s <b>Course method:</b> present	
<b>Number of credits:</b> 10	
<b>Recommended semester/trimester of the course:</b> 11., 12..	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> KDaD/PE-GM2/12 and NLK/NL-GM2/14	
<b>Conditions for course completion:</b> practical exam state exam	
<b>Learning outcomes:</b> Teach students to work as a residents at the ward in hospital, lead them to work independently in both the practical procedures and differential-diagnostic thinking. Daily work at the ward includes taking history, physical examination, drafting diagnostic and treatment process. Students learn to operate with documentation, including admitting and releasing process, also reporting the patients to the head of department during main ward rounds. Each student has to participate on “a patient of the week” analysis.	
<b>Brief outline of the course:</b> Syllabus emphasizes the most important differential diagnosis in paediatrics: fever, abdominal pain, headache, dyspnoea, wheezing, lymphadenopathy, hepatomegaly, splenomegaly, edema, fail to thrive, growth failure, rash, hyperbilirubinemias, convulsions, heart rhythm disorders, renal syndromes, congenital malformations of CNS, shock, hypoglycemia, sepsis, coma. A very wide range of non-infectious and infectious diseases (e.g. acute and chronic kidney disease, including elimination).	
<b>Recommended literature:</b> Marcdante KJ, Kliegman RM, Jenson HB, et al.: Nelson Essentials of Pediatrics, Sixth Edition, Saunders Elsevier 2011, ISBN-13: 978-1-4377-0643-7, 831 pp. Roberton DM, South M: Practical Paediatrics, Sixth Edition, Churchill Livingstone Elsevier, 2007, ISBN: 978-0-443-10280-6, 861 pp.	
<b>Course language:</b>	
<b>Notes:</b>	



<b>Course assessment</b>						
Total number of assessed students: 349						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
85.1	10.6	3.44	0.57	0.0	0.29	0.0
<p><b>Provides:</b> doc. MUDr. Veronika Vargová, PhD., MUDr. Gabriel Kol'vek, PhD., MUDr. Katarína Gombošová, PhD., MUDr. Juraj Hedvig, PhD., MUDr. Miroslava Petrášová, PhD., MUDr. Juliana Ferenczová, PhD., MUDr. Peter Krcho, PhD., MUDr. Pavol Mrážik, PhD., doc. MUDr. Ingrid Schusterová, PhD., MUDr. Alžbeta Tóhátyová, PhD., MUDr. Marianna Fajdelová, MUDr. Simona Drobňaková, MUDr. Ingrid Urbančíková, PhD., MPH, MUDr. Anna Főzöová, MUDr. Gabriela Gáborová, MUDr. Zuzana Hribíková</p>						
<b>Date of last modification:</b> 11.04.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UP/PA-GM1/14		<b>Course name:</b> Pathological Anatomy 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 4 / 4 / 1 <b>Per study period:</b> 56 / 56 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 7						
<b>Recommended semester/trimester of the course:</b> 5.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UA/A-GM1/14 and UA/A-GM2/14 and UHE/HE-GM2/13						
<b>Conditions for course completion:</b> Tests and Colloquium						
<b>Learning outcomes:</b> gain knowledge from the field of General pathology, mastery of histomorphology selected diagnoses, learn about with macroscopic autopsy diagnosis						
<b>Brief outline of the course:</b> Introduction to Pathology, Biopsy, cytology and autopsy, 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, Basis histological features of tumors, Tumors, Tumor systematics, Lymphomas, Hypersensitivity reactions, Immunodeficiency diseases, Cardiovascular system.						
<b>Recommended literature:</b> Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005 Böör, A., Jurkovič, I., Benický, M. and Havierova, Z: Practical lessons in histopathology and methods in pathology, UPJŠ Košice, 2004						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 845						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
84.85	0.12	0.71	2.72	4.85	4.5	2.25
<b>Provides:</b> MUDr. Erika Štammová, MUDr. Július Tatár, MUDr. Zuzana Benetinová, MUDr. Alžbeta Blichárová, MUDr. Ľudmila Verbóová						
<b>Date of last modification:</b> 25.02.2016						

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UP/PA-GM2/16		<b>Course name:</b> Pathological Anatomy 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 4 / 4 / 1 <b>Per study period:</b> 56 / 56 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 8					
<b>Recommended semester/trimester of the course:</b> 6.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UP/PA-GM1/14 and UA/A-GM3/14					
<b>Conditions for course completion:</b> credit test, histomorphological colloquium final written and oral examination					
<b>Learning outcomes:</b> Gaining a proper knowledge in the field of special pathology, gross necropsy diagnostics and histomorphological diagnostics of chosen diagnoses.					
<b>Brief outline of the course:</b> Pathology of the Respiratory System, Pathology of haematopoetic system, Pathology of the gastrointestinal tract, Pathology of the liver, Biliary tract and pancreas, Uropathology, pathology of ovaries and uterus, Pathology of pregnancy, Pathology of the breast, Pathology of the Endocrine system, Pathology of the Musculoskeletal system, Pathology of CNS, Dermatopathology, Pathology of infancy and childhood					
<b>Recommended literature:</b> Kumar V, Abbas AK, Fausto N, Robbins SL, Cotran RS: Robbins and Cotran pathologic basis of disease, 7th edition, Elsevier/Saunders, Philadelphia, 2005 Böör, A., Jurkovič, I., Benický, M. and Havierová, Z: Practical lessons in histopathology and methods in pathology, UPJŠ Košice, 2004					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 721					
A	B	C	D	E	FX
13.45	11.1	8.6	11.1	47.71	8.04
<b>Provides:</b> MUDr. Erika Štammová, MUDr. Július Tatár, MUDr. Zuzana Benetinová, MUDr. Alžbeta Blichárová					
<b>Date of last modification:</b> 05.05.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UPF/ PP-GM1/16		<b>Course name:</b> Pathological Physiology 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present						
<b>Number of credits:</b> 5						
<b>Recommended semester/trimester of the course:</b> 5.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UFZ/Ph-GM2/14						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b> General pathophysiology is providing the comprehensive knowledge related to the causality, the mechanisms of the alteration, progression and consequences of human diseases, pathological states and processes including overview of their underlying etiological factors, processing pathways and resulting manifestations on systemic, organ -specific and cellular level.						
<b>Brief outline of the course:</b> Health and disease, pathological states, processes, outcomes of disease, terminology - Etiology of diseases: genetic factors (genomic, chromosomal mutations & non-Mendelian inheritance), physical (burning injury, hypo-/hyperthermia), chemical, biological, nutritional factors ( malnutrition, obesity), inherited and acquired metabolic diseases - Acute and chronic inflammation, fever, multiple organ dysfunction, systemic stress-maladaptation, cellular stress, immunopathology (allergies, autoimmunity, immunodeficiency), - Benign and malignant tumours, systematic & molecular carcinogenesis, - Cell damage & death, necrosis, apoptosis, hypoxic- ischaemic damage, reactive oxygen species, principles of intercellular signalling, enzymopathies, Disorders of inner milieu including water and electrolyte dysbalance and disorders of acid-base balance - Disorders of consciousness, pre-coma, coma, brain death, terminal states & illness						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1007						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
75.67	1.09	2.98	5.86	5.86	3.87	4.67

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

**Date of last modification:** 12.09.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UPF/ PP-GM2/16		<b>Course name:</b> Pathological Physiology 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 3 <b>Per study period:</b> 42 / 42 <b>Course method:</b> present					
<b>Number of credits:</b> 6					
<b>Recommended semester/trimester of the course:</b> 6.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UPF/PP-GM1/16 and ULCHBKB/MBCH-GM1/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 802					
A	B	C	D	E	FX
5.61	11.1	17.46	23.69	26.06	16.08
<b>Provides:</b> doc. MUDr. Oliver Rácz, CSc., mim.prof., doc. MUDr. Roman Beňačka, CSc., mim.prof., MVDr. Eva Lovásová, PhD., MVDr. Jaroslava Nováková, PhD., MUDr. Simona Rusnáková, MUDr. Lenka Šalamonová Blichová, MUDr. Marek Brenišin					
<b>Date of last modification:</b> 12.09.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UFR/ PM-GM1/14		<b>Course name:</b> Pharmacology 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 2 <b>Per study period:</b> 42 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 6.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UFZ/Ph-GM2/14						
<b>Conditions for course completion:</b> Written tests Oral examination						
<b>Learning outcomes:</b> To provide students with a comprehensive introduction to the fundamental Pharmacology and uses of the major classes of drugs currently used in medical practice.						
<b>Brief outline of the course:</b> Basic pharmacology (pharmacokinetic and pharmacodynamic principles), factors influencing drug effects, routes of drug application. Special pharmacology including drugs affecting the autonomic nervous system, myorelaxants and ganglioplegic drugs, drugs affecting CNS (drugs used to treat psychiatric disorders, antiepileptics, antiparkinson drugs, hypnotics).						
<b>Recommended literature:</b> Harvey et al. Lippincott's Illustrated Reviews Pharmacology 4th edition, Wolters Kluwer health, 2009, pp.564 Rang et al. Rang's and Dale's Pharmacology 7th edition, Elsevier, 2012, pp.777						
<b>Course language:</b> English						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 728						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
78.3	16.35	1.92	0.41	0.27	2.06	0.69
<b>Provides:</b> prof. MUDr. Ladislav Mirossay, DrSc., prof. MVDr. Ján Mojžiš, DrSc., PharmDr. Marek Šarišský, PhD., MUDr. Martina Čižmáriková, PhD., doc. MVDr. Martina Bago Pilátová, PhD., MUDr. Mária Giertlová, PhD.						
<b>Date of last modification:</b> 03.05.2015						



**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UFR/ PM-GM1/14		<b>Course name:</b> Pharmacology 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 2 <b>Per study period:</b> 42 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> UFZ/Ph-GM2/14						
<b>Conditions for course completion:</b> Written tests Oral examination						
<b>Learning outcomes:</b> To provide students with a comprehensive introduction to the fundamental Pharmacology and uses of the major classes of drugs currently used in medical practice.						
<b>Brief outline of the course:</b> Basic pharmacology (pharmacokinetic and pharmacodynamic principles), factors influencing drug effects, routes of drug application. Special pharmacology including drugs affecting the autonomic nervous system, myorelaxants and ganglioplegic drugs, drugs affecting CNS (drugs used to treat psychiatric disorders, antiepileptics, antiparkinson drugs, hypnotics).						
<b>Recommended literature:</b> Harvey et al. Lippincott's Illustrated Reviews Pharmacology 4th edition, Wolters Kluwer health, 2009, pp.564 Rang et al. Rang's and Dale's Pharmacology 7th edition, Elsevier, 2012, pp.777						
<b>Course language:</b> English						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 728						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
78.3	16.35	1.92	0.41	0.27	2.06	0.69
<b>Provides:</b> prof. MUDr. Ladislav Mirossay, DrSc., prof. MVDr. Ján Mojžiš, DrSc., PharmDr. Marek Šarišský, PhD., MUDr. Martina Čižmáriková, PhD., doc. MVDr. Martina Bago Pilátová, PhD., MUDr. Mária Giertlová, PhD., MUDr. Zuzana Solárová, PhD., MVDr. Martina Zigová, PhD.						
<b>Date of last modification:</b> 03.05.2015						

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UFR/ PM-GM2/12	<b>Course name:</b> Pharmacology 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 3 <b>Per study period:</b> 28 / 42 <b>Course method:</b> present	
<b>Number of credits:</b> 5	
<b>Recommended semester/trimester of the course:</b> 8.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UFR/PM-GM1/14 and UPF/PP-GM1/16	
<b>Conditions for course completion:</b> test exam	
<b>Learning outcomes:</b> To provide students with a comprehensive introduction to the fundamental Pharmacology and uses of the major classes of drugs currently used in medical practice.	
<b>Brief outline of the course:</b> Special pharmacology including: -- drugs affecting cardiovascular system and blood (antianginal drugs, drugs used to treat heart failure, diuretics, antihypertensive drugs, antidysrhythmic drug, hypolipidemics, peripheral vasodilators, anticoagulants and antiagregatory drugs, antianaemic drugs) - drugs used to treat hormonal dysbalance (antidiabetics, drugs used to treat thyroid disorders, glucocorticoids, sex hormones) - antimicrobial drugs (penicillins, cephalosporins, other antibiotics, antistaphylococcal antibiotics, sulfonamides, quinolones and antituberculosic drugs, antifungal, antiparasitic, antimalarial drugs, antiviral agents, immunomodulants) - anticancer drugs - clinically relevant drug interactions and drug toxicity	
<b>Recommended literature:</b> Harwey et al. Lippincott s Illustrated Reviews Pharmacology 4th edition, Wolters Kluwer health, 2009, pp.564 Rang et al. Rang s and Dale s Pharmacology 7th edition, Elsevier, 2012, pp.777	
<b>Course language:</b> ENGLISH	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 595					
A	B	C	D	E	FX
12.44	11.43	18.15	15.29	23.36	19.33
<b>Provides:</b> prof. MVDr. Ján Mojžiš, DrSc., prof. MUDr. Ladislav Mirossay, DrSc., MUDr. Martina Čižmáriková, PhD., MUDr. Zuzana Solárová, PhD., doc. MVDr. Martina Bago Pilátová, PhD., PharmDr. Marek Šarišský, PhD.					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> KFBLR/PRM- GM/16	<b>Course name:</b> Physical and Rehabilitation Medicine
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 6.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UA/A-GM2/14	
<b>Conditions for course completion:</b> 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.	
<b>Learning outcomes:</b> Prepare the students for the diagnostics, treatment and prevention of disabilities of all types and holistic approach to patient care, working with an interdisciplinary team of experts in many fields - nursing, physical therapy, occupational therapy, speech and language pathology, psychology, social work and others, help patients achieve their maximum functional capacity and highest quality of life.	
<b>Brief outline of the course:</b> 1. Field of competence of physical and rehabilitation medicine (PRM). Definition, philosophy, objectives and methodology. 2. PRM and the WHO ICF concept, including the use of Outcome Measures for assessing QOL, Functional Health. 3. Assessment in PRM, clinical and functional evaluation. 4. Kinesiology. 5. Main health interventions in PRM: Information, education, medical treatments, PRM programmes. 6. Physical modalities, therapeutic exercise, infiltration techniques, FES. 7. Orthoses, prostheses and assistive technology. 8. PRM and musculoskeletal disorders. 9. PRM and nerve lesions. 10. PRM and spine disorders, amputations. 11. PRM and disorders of nervous system, Stroke - from cell to society. 12. PRM and Spinal Cord Injury - from cell to society. 13. PRM and traumatic Brain Injury - from cell to society. 14. PRM, chronic neurological conditions (Parkinson´s disease, MS, etc.) and other specific disabling conditions (Elderly Patient, Child with Disability, Cardiopulmonary Patient, Cancer Patient, etc.). 15. PRM Services, PRM management, Community-based Rehabilitation, PRM Research.	
<b>Recommended literature:</b> Weiss L., at al.: Oxford American Handbook of Physical Medicine and Rehabilitation, Oxford University Press, Oxford New York 2010, 482 p., ISBN 978-0-19-536777-5	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 533					
A	B	C	D	E	FX
90.06	8.44	0.19	0.19	0.19	0.94
<b>Provides:</b> doc. MUDr. Peter Takáč, PhD., mim. prof., MUDr. Anna Kubincová, PhD., PhDr. Magdaléna Hagovská, PhD.					
<b>Date of last modification:</b> 07.03.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> UFZ/ Ph-GM1/14		<b>Course name:</b> Physiology 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 4 / 1 <b>Per study period:</b> 42 / 56 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 8						
<b>Recommended semester/trimester of the course:</b> 3.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b> credit tests,						
<b>Learning outcomes:</b> obtained credits						
<b>Brief outline of the course:</b> Physiological principles. Homeostasis. Blood. Respiratory system. Cardiovascular system Excretory system. Digestive system.						
<b>Recommended literature:</b> 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						
<b>Course language:</b> english						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1429						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
81.53	0.35	1.26	2.52	6.51	6.93	0.91
<b>Provides:</b> prof. MUDr. Viliam Donič, CSc., doc. MUDr. Mária Pallayová, PhD., doc. RNDr. Pavol Švorc, CSc., RNDr. Soňa Grešová, PhD., RNDr. Judita Štimmelová, MUDr. Andrea Brandeburová, MUDr. Martina Gáborová, MUDr. Igor Peregrim, PhD.						
<b>Date of last modification:</b> 17.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> UFZ/ Ph-GM2/14		<b>Course name:</b> Physiology 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice / Controlled study hour <b>Recommended course-load (hours):</b> <b>Per week:</b> 3 / 4 / 1 <b>Per study period:</b> 42 / 56 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 8					
<b>Recommended semester/trimester of the course:</b> 4.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UFZ/Ph-GM1/14					
<b>Conditions for course completion:</b> credit tests, practical exam, final written test, oral exam,					
<b>Learning outcomes:</b> exam					
<b>Brief outline of the course:</b> 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)					
<b>Recommended literature:</b> Guyton - Hall: Textbook of Medical Physiology Š.Kujaník: Practical lessons in Physiology. Part II. 1998					
<b>Course language:</b> English					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1182					
A	B	C	D	E	FX
11.51	7.02	15.06	14.89	47.8	3.72
<b>Provides:</b> prof. MUDr. Viliam Donič, CSc., doc. MUDr. Mária Pallayová, PhD., doc. RNDr. Pavol Švorc, CSc., RNDr. Judita Štimmelová, RNDr. Soňa Grešová, PhD., MUDr. Andrea Brandeburová, MUDr. Martina Gáborová, MUDr. Igor Peregrim, PhD.					
<b>Date of last modification:</b> 15.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> CJP/ LFPSG/11	<b>Course name:</b> Practical Slovak Grammar
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 <b>Per study period:</b> 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 3., 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-GM1/09 and Dek. LF UPJŠ/SL-GM2/15	
<b>Conditions for course completion:</b> Students must actively participate in the class. Max. 2 absences. Continuous assessment is based on one written test and one oral presentation, a minimum overall average of 60% is required. There is an opportunity to write a course test in a week 14 in case of a fail to reach the minimum of 60%. In the event of failure to attain the limit, the examination procedure is not permitted and the student is graded FX - failed at the end of teaching in the respective semester. Final assessment is based on one written exam. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0%	
<b>Learning outcomes:</b> Students with acquired skills of Slovak grammar are able to participate effectively in a variety of common situations of everyday communication.	
<b>Brief outline of the course:</b> Past Tense – Regular, Irregular Verbs and Modal Verbs. Verbs brať, vziať, pozrieť sa, minúť. Possessive Pronoun svoj. Possessive Adjectives and Pronouns. Comparison of Adjectives and Adverbs. Adjective Classification According to the Paradigms pekný and cudzí. Comparison of Adjectives and Adverbs - Review. Genitive Case - Substantives, Adjectives and Pronouns. Dative Case - Substantives, Adjectives and Pronouns. Comparison of Verbs mať rád and páčiť sa. Deagentive Verbs. Imperative. Indirect Speech. Active and Passive Participles. Aspect of Verbs. Future Tense.	
<b>Recommended literature:</b>	

Kamenárová,R. a kol.: Krížom krážom - Slovenčina A1 + A2 - Cvičebnica, vydavateľstvo Studia Academica Slovaca, 2012 Kamenárová,R. a kol.: Krížom krážom - Slovenčina A2 (učebnica), vydavateľstvo Studia Academica Slovaca, 2012 Kamenárová,R. a kol.: Krížom krážom - Slovenčina B1(učebnica), vydavateľstvo Studia Academica Slovaca, 2011 Zebegneyová, A., Puzderová,A., Baková,B.: Slovenčina ako cudzí jazyk - A - Hovoríme spolu po slovensky (2007)

**Course language:**

Slovak Language A2-B1

**Notes:**

**Course assessment**

Total number of assessed students: 143

A	B	C	D	E	FX
36.36	27.97	12.59	3.5	4.2	15.38

**Provides:** Mgr. Veronika Pálová

**Date of last modification:** 31.01.2017

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> CJP/ LFPAGM/16		<b>Course name:</b> Praktická anglická gramatika pre medikov			
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 2., 4.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> KROKF/LFMT/07					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b> Irregular verbs Passive voice Prepositions					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> PhDr. Helena Petruňová, CSc., Mgr. Zuzana Kolaříková, PhD.					
<b>Date of last modification:</b> 01.02.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> CJP/ LFPE/11	<b>Course name:</b> Presentations in English
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 <b>Per study period:</b> 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 3., 5.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> KROKF/LFMT/07	
<b>Conditions for course completion:</b> 1 test, oral presentations self-presentation, product/person presentation, conference presentation, case presentation) active participation, max. 1 absence A minimum final overall average of 65 percent is required. Students with a final overall average lower than 65 percent are not allowed to register for the final oral exam, i. e. their final grade is FX. oral exam - case presentation Final assessment is based on the results of oral exam (50%) and continuous assessment (50%). Scale: A 93-100 %, B 85-92 %, C 77-84 %, D 69-76 %, E 60-68 %, FX 59% a menej.	
<b>Learning outcomes:</b> Development of professional vocabulary with focus on medical English and language of oral presentations in the academic and medical environment, enhancement of presentation skills.	
<b>Brief outline of the course:</b> Types of presentations Language of presentations Conference presentations Poster presentation Structure of presentations Presentation of data Case presentation Selected grammar (prepositional phrases, collocations, etc.)	
<b>Recommended literature:</b> 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	
<b>Course language:</b>	

B1-B2 level according to CERF					
<b>Notes:</b>					
<b>Course assessment</b>					
Total number of assessed students: 153					
A	B	C	D	E	FX
76.47	9.15	5.88	3.27	1.31	3.92
<b>Provides:</b> PhDr. Helena Petruňová, CSc.					
<b>Date of last modification:</b> 01.02.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> IK/PM-GM/09		<b>Course name:</b> Preventive Medicine				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 1						
<b>Recommended semester/trimester of the course:</b> 8.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM2/14						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 30 questions, needs to achieve 60% 3. Appreciation of the knowledge during classes by the teacher						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Preventive medicine, definition, organization, education, public health. Preventive cardiology. Cancer – epidemiology, statistics, prevention. Nutrition, prevention of obesity, diabetes. Travel medicine. Infectious diseases. Probiotika. Physical exercise – how much is too much						
<b>Recommended literature:</b> 1. Dzurenková, D., Marček, T., Hájková, M.: Essentials of Sports Medicine. Bratislava: CU, 2000. 22pp. 2. Marček, T. et al.: 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 .						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 526						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.05	0.0	0.0	0.0	0.0	0.95	0.0
<b>Provides:</b> prof. MUDr. Pavol Jarčuška, PhD., prof. MUDr. Daniel Pella, PhD., MUDr. Ivan Majerčák, MUDr. Peter Horváth, MUDr. Božena Nováková, PhD., doc. MUDr. Želmíra Macejová, PhD., MPH, mim. prof., prof. MUDr. Jozef Pella, PhD., prof. MUDr. Ivica Lazúrová, DrSc., FRCP, doc. MUDr. Ivana Valočiková, PhD., doc. MUDr. Peter Jarčuška, PhD., mim. prof., doc. MUDr.						

Viola Vargová, PhD., MUDr. Lýdia Pundová, CSc., doc. MUDr. Ingrid Dravecká, PhD., MUDr. Eduard Veseliny, PhD., MUDr. Štefan Tóth, MBA, PhD.

**Date of last modification:** 30.09.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> 1. PK/ PT-GM1/15		<b>Course name:</b> Psychiatry 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 8.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> 1. PK/PMC-GM/16						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b> - to learn about the content of the subject, etiology and pathophysiology of mental disorders, psychopathology, principles of classification in psychiatry, syndromology of mental disorders, diagnosis and treatment of mental disorders and with the stress on communication with mentally ill patients						
<b>Brief outline of the course:</b> - 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 - syndroms of mental disorders - principles of classification in clinical psychiatry - treatment of mental disorders - legal and ethical aspects considering psychiatric patients - communication with mentally ill patients – training of communication’s skills						
<b>Recommended literature:</b> Andreasen, N.C., Introductory Textbook of Psychiatry, Fourth Edition, American Psychiatric Publishing, Inc., ISBN-13: 9781585622726, 2006						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 572						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
97.55	0.7	0.17	0.0	0.0	0.7	0.87

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

**Date of last modification:** 20.05.2015

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> 1. PK/ PT-GM2/15	<b>Course name:</b> Psychiatry 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 4	
<b>Recommended semester/trimester of the course:</b> 9.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> 1. PK/PT-GM1/15	
<b>Conditions for course completion:</b>	
<b>Learning outcomes:</b> To build up student's skills on basic diagnostics, differential diagnosis and principles of therapy of specific groups of mental disorders, principles of first aid in psychiatry. He/she has been taught about legal status of mentally ill. Student fulfils requirements for communication with mentally ill patients and communication with another specialists and psychiatrists.	
<b>Brief outline of the course:</b> <ul style="list-style-type: none"> <li>- schizophrenia and schizophrenia - like disorders</li> <li>- mood disorders</li> <li>- organic and symptomatic mental disorders, cognitive disorders</li> <li>- reactive (stress-related) mental disorders, anxiety, obsessive - compulsive, somatoform and dissociative disorders,...</li> <li>- alcoholism and other substance use disorders</li> <li>- mental disorders of childhood and adolescence</li> <li>- geriatric psychiatry</li> <li>- personality disorders</li> <li>- psychiatric sexuology</li> <li>- emergency psychiatry, first aid in psychiatry</li> <li>- biological treatment in psychiatry</li> <li>- psychopharmacology</li> <li>- psychotherapy, psychoeducation, rehabilitation in psychiatry</li> <li>- social psychiatry</li> <li>- legal and ethical principles in psychiatry</li> </ul>	
<b>Recommended literature:</b> 1. Andreasen, N.C., Introductory Textbook of Psychiatry, Fourth Edition, American Psychiatric Publishing, Inc., ISBN-13: 9781585622726, 2006 2. Charles B. Nemeroff, Md, PhD, Alan F. Schatzberg, Md: Recognition and Treatment of Psychiatric Disorders A Psychopharmacology Handbook for Primary Care	
<b>Course language:</b>	

<b>Notes:</b>					
<b>Course assessment</b>					
Total number of assessed students: 531					
A	B	C	D	E	FX
83.24	11.49	3.2	0.94	0.94	0.19
<b>Provides:</b> doc. MUDr. Ivan Dóci, PhD., MUDr. Dagmar Breznoščáková, Ph.D., Mgr. MUDr. Jozef Dragašek, PhD., MHA, MUDr. Aneta Bednářová, PhD., MUDr. Jana Vančíková, PhD.					
<b>Date of last modification:</b> 03.05.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> 1. PK/ PMC-GM/16	<b>Course name:</b> Psychology and Medical Communication
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 6.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b>	
<b>Learning outcomes:</b> 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 management. 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-patient's relative).	
<b>Brief outline of the course:</b> <ul style="list-style-type: none"> <li>• Psychology as a profession, theoretical and application disciplines, clinical psychologist as a member of the diagnostic and therapeutic team</li> <li>• Problem of personality, main theories of personality, and main models of psychopathology. The problem of normality</li> <li>• Psychodiagnostics – basic methods used in clinical practice, their indication and practical contribution in the process of treatment</li> <li>• Psychotherapy – main theories and schools. Basic methods of psychotherapy. Indications of psychotherapy considering the specific disorder.</li> <li>• Bio-psycho-social model of illness and health, psychosomatic disorders, behavioral medicine, psychohygiene.</li> <li>• Verbal and nonverbal communication, principles of effective communication. Management of difficult situations in medical practice.</li> </ul>	
<b>Recommended literature:</b> M.W. Eysenck: Fundamentals of psychology, Psychology press, 2009	
<b>Course language:</b>	
<b>Notes:</b>	

<b>Course assessment</b>					
Total number of assessed students: 931					
A	B	C	D	E	FX
43.07	36.09	13.64	3.65	3.54	0.0
<b>Provides:</b> PhDr. Martina Chylová, PhD., PhDr. Milana Kovaničová, CSc., Mgr. Livia Radoňaková					
<b>Date of last modification:</b> 05.05.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> 1. PK/ PTR-GM/09		<b>Course name:</b> Psychotherapy			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> 1. PK/PMC-GM/16 and UFZ/Ph-GM2/14					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b> Practical application of theoretic knowledge on main psychotherapeutic approaches and methods – psychoanalysis, cognitive-behavioral, gestalt, and training procedures. Possibilities and limits of psychotherapy in psychiatry and other medical settings. Diagnostic vs. psychotherapeutic interview. Construction of the psychotherapeutic plan. Principles of individual and group psychotherapy.					
<b>Brief outline of the course:</b> <ul style="list-style-type: none"> <li>• Psychotherapy as profession, its history and development</li> <li>• Psychotherapeutic methods – interview, dialog, training</li> <li>• Indications of pschotherapy ( psychiatry, other medical settings)</li> <li>• Relaxation and hypnosis</li> <li>• Psychological transfer in medicine</li> </ul>					
<b>Recommended literature:</b> M. W. Eysenck: Fundamentals of psychology, Psychology Press, 2009					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 152					
A	B	C	D	E	FX
93.42	6.58	0.0	0.0	0.0	0.0
<b>Provides:</b> MUDr. Dagmar Breznoščáková, Ph.D., Mgr. MUDr. Jozef Dragašek, PhD., MHA, PhD. Milana Kovaničová, CSc., PhDr. Martina Chylová, PhD.					
<b>Date of last modification:</b> 10.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KRNM/ R-GM/14		<b>Course name:</b> Radiodiagnostic			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 8.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 573					
A	B	C	D	E	FX
33.33	24.08	17.98	13.44	9.77	1.4
<b>Provides:</b> doc. MUDr. Ján Lepej, CSc., MUDr. Tatiana Taševa, doc. MUDr. Tatiana Jurgová, CSc., MUDr. Peter Mach, CSc.					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> KRO/ RCO-GM1/14		<b>Course name:</b> Radiotherapy and Clinical Oncology 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 1						
<b>Recommended semester/trimester of the course:</b> 9.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> KRNM/R-GM/14 and KRNM/NM-GM/14						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 518						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
77.61	22.01	0.19	0.19	0.0	0.0	0.0
<b>Provides:</b> MUDr. Igor Andrašina, CSc., MUDr. Valér Kováč, PhD.						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KRO/ RCO- GM2/14		<b>Course name:</b> Radiotherapy and Clinical Oncology 2			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 10.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> KRO/RCO-GM1/14					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 395					
A	B	C	D	E	FX
53.92	21.52	15.95	6.84	1.77	0.0
<b>Provides:</b> MUDr. Valér Kováč, PhD., MUDr. Igor Andrašina, CSc.					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> Dek. LF UPJŠ/SDT-GM1/09		<b>Course name:</b> Seminar of Diploma Thesis 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 30s <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 682						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.12	0.15	0.0	0.0	0.0	0.0	0.73
<b>Provides:</b> Mgr. Iveta Rajničová Nagyová, PhD., Mgr. Pavol Mikula, PhD., Mgr. Alexandra Husivargová, Mgr. Vladimíra Timková						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> Dek. LF UPJŠ/SDT-GM2/12		<b>Course name:</b> Seminar of Diploma Thesis 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 30s <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 8.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 521						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.42	0.0	0.0	0.0	0.0	0.0	0.58
<b>Provides:</b>						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> Dek. LF UPJŠ/SDT-GM3/12		<b>Course name:</b> Seminar of Diploma Thesis 3				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 50s <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 9.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 476						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
97.9	0.84	0.63	0.0	0.0	0.0	0.63
<b>Provides:</b> doc. MUDr. Ján Lepej, CSc., MUDr. Marek Pytliak, PhD.						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> Dek. LF UPJŠ/SDT-GM4/12		<b>Course name:</b> Seminar of Diploma Thesis 4				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 50s <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 388						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
98.71	0.0	0.0	0.0	0.0	0.0	1.29
<b>Provides:</b> doc. MUDr. Ján Lepej, CSc.						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/SL-GM1/09	<b>Course name:</b> Slovak Language 1
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 4 <b>Per study period:</b> 0 / 56 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b>	
<b>Conditions for course completion:</b> Students must actively participate in the class. Max. 4 absences. Final assessment is based on 2 tests (6th/7th week and 12th/13th week), a minimum overall average of 60% is required (1st test + 2nd test = final result). There is an opportunity to write a course test in a week 14 in case of a fail to reach the minimum of 60%. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0%	
<b>Learning outcomes:</b> Students achieve basic language skills with the focus on the communication in selected general and medical topics - language level A1.1.	
<b>Brief outline of the course:</b> Human Body. At the Hospital. Health Care Professionals. Doctor - Patient Communication. My Family. In the Town. Medical Faculty, Dormitory, Accommodation. Numerals (0 – 100). Days of the Week. Personal Pronouns. Nouns – Grammatical Gender. Verbs - Conjugation in Present Tense.	
<b>Recommended literature:</b> Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A1. Bratislava: Univerzita Komenského 2007 (+CD). Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009(+CD). Ivoríková, H. a kol.: Krížom-krážom. Slovenčina A1+A2. Cvičebnica. Bratislava: Univerzita Komenského 2009. Petruňová, H.: Slovenčina pre medikov. Košice: Univerzita P.J. Šafárika v Košiciach 2001. Džuganová, B. a kol.: Lekárska slovenčina pre zahraničných študentov. Bratislava: Univerzita Komenského 2013	

Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.						
<b>Course language:</b> English B1						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 1792						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
78.79	3.46	3.63	3.29	3.79	3.4	3.63
<b>Provides:</b> Oksana Humenna, CSc., PhDr. Lucia Tóthová, Mgr. Lívia Barnišinová, PhDr. Beáta Jurečková, PhD., Ing. Mgr. Ingrid Madárová, Mgr. Veronika Pálová						
<b>Date of last modification:</b> 24.01.2017						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/SL-GM2/15	<b>Course name:</b> Slovak Language 2
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 4 <b>Per study period:</b> 0 / 56 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-GM1/09	
<b>Conditions for course completion:</b> Students must actively participate in the class. Max. 4 absences. Final assessment is based on 2 tests (6th/7th week and 12th/13th week), a minimum overall average of 60% is required (1st test + 2nd test = final result). There is an opportunity to write a course test in a week 14 in case of a fail to reach the minimum of 60%. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0% - oral exam Final assessment is based on results of oral exam (50%) and tests (50%).	
<b>Learning outcomes:</b> Students are able to communicate with patients, ask questions; and give advice, etc. Students use basic communication skills in Slovak for shopping, everyday life in the city, etc. Language level A1.1 - A1.2	
<b>Brief outline of the course:</b> Medical Topics: Common Diseases. Medical Examination. Digestive System. Healthy Food. Blood Taking. Doctor - Patient Communication. General Topics: Family. Jobs. Town Košice. Food. Shopping. Celebration. Slovak Traditions. In the Restaurant. Meals. Grammar: The Nominative Case Sg. and Pl. Numerals 2,3,4 + Substantives. Pluralia Tantum. Irregular Verbs. The Accusative Case Sg. and Pl. Modal Verbs. The Instrumental Case Sg. and Pl. Verbs (priať si, pozvať, jesť) - Present Tense.	
<b>Recommended literature:</b> Kamenárová, R. et al.: Krížom – krážom. Slovenčina A1. Bratislava, Univerzita Komenského 2007 (+CD). Ivoríková, H. et al.: Krížom – krážom. Slovenčina A1 + A2. Cvičebnica. Bratislava, Univerzita Komenského 2009 Kamenárová, R. et al.: Krížom – krážom. Slovenčina A2. Bratislava, Univerzita Komenského 2009 (+CD) Sedláková, M. et al.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013. Petruňová, H.: Slovenčina pre medikov. Košice: UPJŠ 2001	

Džuganová, B. et al: Lekárska slovenčina pre zahraničných študentov. Bratislava: Univerzita Komenského 2013  
<http://slovniky.korpus.sk/>  
<http://www.e-slovak.sk/>

**Course language:**

English level B2 / Slovak level A1.1

**Notes:**

**Course assessment**

Total number of assessed students: 1492

A	B	C	D	E	FX
21.25	15.95	19.37	17.43	21.92	4.09

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

**Date of last modification:** 24.01.2017

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/SL-GM3/15	<b>Course name:</b> Slovak Language 3
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-GM2/15	
<b>Conditions for course completion:</b> Students must actively participate in the class. Max. 2 absences. Final assessment is based on 2 tests (6th/7th week and 12th/13th week), a minimum overall average of 60% is required (1st test + 2nd test = final result). There is an opportunity to write a course test in a week 14 in case of a fail to reach the minimum of 60%. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0%	
<b>Learning outcomes:</b> Students are able to communicate with patients, ask questions; give advice or instructions - language level A1.2	
<b>Brief outline of the course:</b>	
<b>Recommended literature:</b> 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. Odporúčaná literatúra: Kamenárová, R. a kol.: Krížom-krážom. Slovenčina A2. Bratislava: Univerzita Komenského 2009(+CD). Petruňová, H. Slovenčina pre medikov. Košice: Univerzita P.J. Šafárika v Košiciach 2001. Džuganová, B. a kol.: Lekárska slovenčina pre zahraničných študentov. Bratislava: Univerzita Komenského 2013 Sedláková, M. a kol.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013.	
<b>Course language:</b> English B1, slovak A1.1- A1.2	
<b>Notes:</b>	

<b>Course assessment</b>						
Total number of assessed students: 1334						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
76.61	2.02	3.37	3.75	4.2	4.5	5.55
<b>Provides:</b> Oksana Humenna, CSc., Mgr. Livia Barnišinová, PhDr. Beáta Jurečková, PhD., Ing. Mgr. Ingrid Madárová, Mgr. Veronika Pálová, PhDr. Lucia Tóthová						
<b>Date of last modification:</b> 24.01.2017						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> Dek. LF UPJŠ/SL-GM4/15	<b>Course name:</b> Slovak Language 4
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 1	
<b>Recommended semester/trimester of the course:</b>	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-GM3/15	
<b>Conditions for course completion:</b> Students must actively participate in the class. Max. 2 absences. Final assessment is based on 2 tests (6th/7th week and 12th/13th week), a minimum overall average of 60% is required (1st test + 2nd test = final result). There is an opportunity to write a course test in a week 14 in case of a fail to reach the minimum of 60%. Scale: A 100-93% B 92-85% C 84-77% D 76-69% E 68-60 % FX 59-0% - oral exam. Final assessment is based on results of oral exam (50%) and tests (50%).	
<b>Learning outcomes:</b> Students are able to communicate with patients on basic level at selected hospital departments. Language level A2.1	
<b>Brief outline of the course:</b> Health Problems. Case History. At the Emergency Department. Infectious Diseases - Hepatitis. Cardio - Vascular Diseases. Neurological Examination. Gastroenterological Examination. Genitive Case. Future Tense. Dative Case. Imperative.	
<b>Recommended literature:</b> Kamenárová, R. et al.: Krížom – krážom. Slovenčina A1. Bratislava, Univerzita Komenského 2007 (+CD). Kamenárová, R. et al.: Krížom – krážom. Slovenčina A2. Bratislava, Univerzita Komenského 2009 (+CD). Ivoríková, H. et al.: Krížom – krážom. Slovenčina A1 + A2. Cvičebnica. Bratislava, Univerzita Komenského 2009. Sedláková, M. et al.: Slovenčina pre cudzincov. Pracovné listy. Košice: UPJŠ 2013. Petruňová, H.: Slovenčina pre medikov. Košice: UPJŠ 2001 Džuganová, B. et al: Lekárska slovenčina pre zahraničných študentov. Bratislava: Univerzita Komenského 2013 <a href="http://slovníky.korpus.sk/">http://slovníky.korpus.sk/</a>	

http://www.e-slovak.sk/					
<b>Course language:</b> English level B2/ Slovak level A1.2					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 1030					
A	B	C	D	E	FX
22.43	18.64	19.9	16.5	18.93	3.59
<b>Provides:</b> Mgr. Lívia Barnišinová, Oksana Humenna, CSc., PhDr. Beáta Jurečková, PhD., Ing. Mgr. Ingrid Madárová, Mgr. Veronika Pálová, PhDr. Lucia Tóthová					
<b>Date of last modification:</b> 24.01.2017					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> CJP/ LFSM/16		<b>Course name:</b> Slovenčina v medicíne			
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 4., 6.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> Dek. LF UPJŠ/SL-DM2/15 or Dek. LF UPJŠ/SL-GM2/15					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 0					
A	B	C	D	E	FX
0.0	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b> PhDr. Helena Petruňová, CSc.					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> USBM/ SM-GM/14		<b>Course name:</b> Social Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of the course:</b> 2.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 780					
A	B	C	D	E	FX
20.77	20.51	29.62	18.33	8.21	2.56
<b>Provides:</b> Mgr. Iveta Rajničová Nagyová, PhD., Mgr. Pavol Mikula, PhD., Mgr. Vladimíra Timková, MUDr. Zuzana Katreniaková, PhD.					
<b>Date of last modification:</b> 14.09.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> USBM/ SM-GM/14		<b>Course name:</b> Social Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 2 <b>Per study period:</b> 14 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 3					
<b>Recommended semester/trimester of the course:</b> 7.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 780					
A	B	C	D	E	FX
20.77	20.51	29.62	18.33	8.21	2.56
<b>Provides:</b> MUDr. Zuzana Katreniaková, PhD., Mgr. Markéta Lachytová, Mgr. Pavol Mikula, PhD., Mgr. Iveta Rajničová Nagyová, PhD., Mgr. Vladimíra Timková, Mgr. Alexandra Husivargová					
<b>Date of last modification:</b> 14.09.2015					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice							
<b>Faculty:</b> Faculty of Medicine							
<b>Course ID:</b> ÚTVŠ/ TVa/11		<b>Course name:</b> Sports Activities I.					
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present							
<b>Number of credits:</b> 2							
<b>Recommended semester/trimester of the course:</b> 1.							
<b>Course level:</b> I., I.II., II.							
<b>Prerequisites:</b>							
<b>Conditions for course completion:</b>							
<b>Learning outcomes:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Course language:</b>							
<b>Notes:</b>							
<b>Course assessment</b> Total number of assessed students: 9176							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
87.85	0.0	0.0	0.0	0.0	0.01	8.03	4.11
<b>Provides:</b> doc. PhDr. Ivan Šulc, CSc., Mgr. Zuzana Küchelová, Mgr. Peter Bakalár, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Agata Horbacz, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Dávid Kaško, Mgr. Aurel Zelko, PhD., Mgr. Dana Dračková, PhD., Marcel Čurgali, PaedDr. Jana Potočniková, PhD.							
<b>Date of last modification:</b> 03.05.2015							
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.							

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice							
<b>Faculty:</b> Faculty of Medicine							
<b>Course ID:</b> ÚTVŠ/ TVb/11		<b>Course name:</b> Sports Activities II.					
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present							
<b>Number of credits:</b> 2							
<b>Recommended semester/trimester of the course:</b> 2.							
<b>Course level:</b> I., I.II., II.							
<b>Prerequisites:</b>							
<b>Conditions for course completion:</b>							
<b>Learning outcomes:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Course language:</b>							
<b>Notes:</b>							
<b>Course assessment</b> Total number of assessed students: 7562							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.29	0.0	0.0	0.0	0.0	0.01	10.72	3.97
<b>Provides:</b> doc. PhDr. Ivan Šulc, CSc., Mgr. Zuzana Küchelová, doc. PaedDr. Ivan Uher, PhD., Mgr. Peter Bakalár, PhD., Mgr. Agata Horbacz, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Dávid Kaško, Mgr. Aurel Zelko, PhD., Mgr. Dana Dračková, PhD., Marcel Čurgali, PaedDr. Jana Potočniková, PhD.							
<b>Date of last modification:</b> 03.05.2015							
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.							

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice							
<b>Faculty:</b> Faculty of Medicine							
<b>Course ID:</b> ÚTVŠ/ TVc/11		<b>Course name:</b> Sports Activities III.					
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present							
<b>Number of credits:</b> 2							
<b>Recommended semester/trimester of the course:</b> 3., 5., 7., 9.							
<b>Course level:</b> I., I.II., II.							
<b>Prerequisites:</b>							
<b>Conditions for course completion:</b>							
<b>Learning outcomes:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Course language:</b>							
<b>Notes:</b>							
<b>Course assessment</b> Total number of assessed students: 5427							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
89.37	0.04	0.0	0.0	0.0	0.0	4.53	6.06
<b>Provides:</b> doc. PhDr. Ivan Šulc, CSc., Mgr. Zuzana Küchelová, doc. PaedDr. Ivan Uher, PhD., Mgr. Peter Bakalár, PhD., Mgr. Agata Horbacz, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Dávid Kaško, Mgr. Aurel Zelko, PhD., Mgr. Dana Dračková, PhD., Marcel Čurgali, PaedDr. Jana Potočniková, PhD.							
<b>Date of last modification:</b> 03.05.2015							
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.							

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice							
<b>Faculty:</b> Faculty of Medicine							
<b>Course ID:</b> ÚTVŠ/ TVd/11		<b>Course name:</b> Sports Activities IV.					
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 <b>Per study period:</b> 28 <b>Course method:</b> present							
<b>Number of credits:</b> 2							
<b>Recommended semester/trimester of the course:</b> 4., 6., 8., 10.							
<b>Course level:</b> I., I.II., II.							
<b>Prerequisites:</b>							
<b>Conditions for course completion:</b>							
<b>Learning outcomes:</b>							
<b>Brief outline of the course:</b>							
<b>Recommended literature:</b>							
<b>Course language:</b>							
<b>Notes:</b>							
<b>Course assessment</b> Total number of assessed students: 3898							
abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.89	0.0	0.0	0.0	0.0	0.0	6.7	7.41
<b>Provides:</b> doc. PhDr. Ivan Šulc, CSc., Mgr. Zuzana Küchelová, Mgr. Peter Bakalár, PhD., doc. PaedDr. Ivan Uher, PhD., Mgr. Agata Horbacz, PhD., Mgr. Marek Valanský, prof. RNDr. Stanislav Vokál, DrSc., Mgr. Lucia Kršňáková, PhD., Mgr. Dávid Kaško, Mgr. Aurel Zelko, PhD., Mgr. Dana Dračková, PhD., Marcel Čurgali, PaedDr. Jana Potočniková, PhD.							
<b>Date of last modification:</b> 03.05.2015							
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.							

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> 1. IK/ SM-GM/16		<b>Course name:</b> Sports Medicine				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present						
<b>Number of credits:</b> 1						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> IK/IM-GM1/16						
<b>Conditions for course completion:</b> 1. Attendance confirmed in the student's book, possible two absences, more needs to compensate 2. Test, 30 questions, needs to achieve 60% 3. Appreciation of the knowledge during classes by the teacher						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b> Introduction to sports medicine, organization, support at athletic events. Physiological aspects of exercise, energy metabolism. Physiological aspects of nutrition, sports nutrition. Aerobic threshold, anaerobic threshold, lactate curve. Sports traumatology – most frequent injuries, specific aspects of sports trauma, treatment, rehabilitation, prevention. Doping, doping control. Recreational sports activities, prescription of exercise in civilization diseases						
<b>Recommended literature:</b> 1. Dzurenková, D., Marček, T., Hájková, M.: Essentials of Sports Medicine. Bratislava: CU, 2000. 22 pp. 2. Marček, T. et al.: 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.						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 700						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
82.29	16.43	0.0	0.0	0.0	1.29	0.0
<b>Provides:</b> prof. MUDr. Daniel Pella, PhD., MUDr. Peter Horváth						
<b>Date of last modification:</b> 30.09.2016						

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> Dek. LF UPJŠ/SSW/09		<b>Course name:</b> Student Science Work - Presentation at SSC				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 4						
<b>Recommended semester/trimester of the course:</b> 3., 4., 5., 6., 7., 8., 9., 10..						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 27						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
96.3	3.7	0.0	0.0	0.0	0.0	0.0
<b>Provides:</b>						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> 1. ChK/ S-SS-GM/16		<b>Course name:</b> Surgery			
<b>Course type, scope and the method:</b> <b>Course type:</b> <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 11., 12..					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ChK/S-GM6/15 and USL/FMML-GM/16 and OK/OF-GM/13 and KORLaF/ORL-GM/14 and 1. KAIM/AIM-GM/16					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 337					
A	B	C	D	E	FX
32.34	18.4	17.21	13.35	14.24	4.45
<b>Provides:</b>					
<b>Date of last modification:</b>					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ChK/S-GM1/16		<b>Course name:</b> Surgery 1				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester of the course:</b> 6.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ChK/SP-GM/15						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 791						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
97.35	0.51	0.25	0.63	0.51	0.63	0.13
<b>Provides:</b> doc. MUDr. Miroslav Gajdoš, CSc., 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., doc. MUDr. Jozef Výrostko, CSc., doc. MUDr. Jana Kaťuchová, PhD., MUDr. Ľubomír Lachvác, PhD., MUDr. Marek Vargovčák, 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., MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MUDr. Tomáš Gajdzik, PhD.						
<b>Date of last modification:</b> 07.03.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ChK/S-GM2/09		<b>Course name:</b> Surgery 2				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 3						
<b>Recommended semester/trimester of the course:</b> 7.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ChK/S-GM1/16 and UP/PA-GM1/14						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 664						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
79.22	10.09	5.12	1.2	2.26	1.96	0.15
<b>Provides:</b> MUDr. Lucia Lakyová, PhD., prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Jana Kaťuchová, PhD., prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbulák, doc. MUDr. Michal Vaľko, PhD., MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Tomáš Gajdzik, PhD., MUDr. Tomáš Hildebrand, PhD., MUDr. Róbert Kilík, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Ivan Kováč, PhD., MUDr. Mária Kubíková, PhD., MUDr. Vladimír Sihotský, PhD., MUDr. Peter Pažinka, PhD., MPH, MUDr. Pavel Staško, PhD., MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MUDr. Adrián Kolesár, PhD., MPH, MUDr. Martin Ledecký, MUDr. Lucia Mistríková, doc. MUDr. František Sabol, PhD., MPH, MUDr. Tomáš Toporcer, PhD.						
<b>Date of last modification:</b> 11.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ChK/S-GM3/16		<b>Course name:</b> Surgery 3			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 8.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ChK/S-GM2/09					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 133					
A	B	C	D	E	FX
36.09	29.32	16.54	7.52	10.53	0.0
<b>Provides:</b> prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Miroslav Kitka, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, doc. MUDr. Jana Kaťuchová, PhD., prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbuľák, doc. MUDr. Michal Vaľko, PhD., MUDr. Marián Kudláč, MUDr. Milan Šudák, PhD., doc. MUDr. Radoslav Morochovič, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Tomáš Gajdzik, PhD.					
<b>Date of last modification:</b> 07.03.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ChK/S-GM4/09	<b>Course name:</b> Surgery 4 (Neurosurgery, Orthopedics)
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 9.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> ChK/S-GM3/16	
<b>Conditions for course completion:</b> solution of the problems, test	
<b>Learning outcomes:</b> Neurosurgery, orthopedics Students will acquire basic knowledge of investigative methodologies in orthopedics. They will learn the diagnosis and treatment of inflammatory, degenerative and metabolic diseases of the bone system. It is important to manage the diagnostic and treatment of primary and secondary tumors of the axial skeleton. Students will learn the basics of rehabilitation and assessment activities in the field of orthopedic surgery. It is crucial to obtain information about the symptoms and treatment of intracranial hypertension diagnosis and determination of brain death, which is important for the possibility of organ transplantation. Findings of birth defects of the nervous system similar to the diagnosis and treatment of head and spinal injuries are an essential range of what the student obtains at this semester. Diagnosis and treatment of tumors of the nervous system, as well as using of radioinvasive procedures in neurosurgery are necessary, which must be controlled after completing each section of the course.	
<b>Brief outline of the course:</b> Investigative techniques in orthopedics. Inflammatory and degenerative diseases of the musculoskeletal system. Metabolic disease, bone tumors and tumor-like affections. The most frequent orthopedic diseases arms and legs. Disease of the axial skeleton. Reconstructive and assessment activities in orthopedics. Intracranial pressure - pathophysiology of intracranial hypertension. Congenital malformations of the nervous system. Head injuries. Trauma of spine, spinal cord and peripheral nerves. Tumours of the nervous system. Vascular neurosurgery. Pain and nerve compression syndromes of peripheral nerves.	
<b>Recommended literature:</b> 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 Šulla, I. et al.: Selected topics from neurosurgery. Textbook for physicians and students of general medicine. Pavol Jozef Šafárik University in Košice, 2011. - 309 p. ISBN 9788070978832 Southerland, J.: McGlamrys Comprehensive Textbook of Foot and Ankle Surgery, Lippincot Williams Wilkins, 2012, 2112 p. ISBN: 9780781765800	

Fitzgerald, R. H. et al. Orthopedics. Mosby 2002, 2006 p. ISBN 0-323-01318-X.

**Course language:**

English, Slovak

**Notes:**

**Course assessment**

Total number of assessed students: 505

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
76.44	22.18	0.79	0.4	0.0	0.2	0.0

**Provides:** doc. MUDr. Miroslav Gajdoš, CSc., 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., doc. MUDr. Jozef Výrostko, CSc., doc. MUDr. Jana Kaľuchová, PhD., MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbulák, 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., MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MUDr. Ivan Kováč, PhD.

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> ChK/S-GM5/09	<b>Course name:</b> Surgery 5 (Trauma Surgery, Urology)
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present	
<b>Number of credits:</b> 3	
<b>Recommended semester/trimester of the course:</b> 10.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> ChK/S-GM4/09	
<b>Conditions for course completion:</b> solution of the problems, test	
<b>Learning outcomes:</b> Trauma surgery, urology Students will acquire knowledge of the diagnosis and treatment of traumatic brain injury and spinal cord injury often simultaneously with chest injuries. Also important are the knowledge acquired in the abdomen and retroperitoneal injury, especially for its relative rarity. Frequently occurring musculoskeletal injuries, which is important to proper diagnosis and treatment. The student has to know the life-threatening symptoms of compartment syndrome and other rarely occurring due to injuries / Crush syndrome, algodystrophic syndrome, etc. /. In the field of urology is the result of learning the knowledge of the occurrence of urogenital anomalies syndrome. It is important to gain knowledge about the relatively frequently occurring inflammatory diseases in this area. Students master the diagnosis and treatment of calculous disease of the urinary system. In terms of incidence of diseases of the prostate is a common disability - whether benign hyperplasia or tumors, thus acquiring knowledge about the disease is extremely important. Similarly, the student must control the symptoms and treatment of injuries of the urogenital system, although they occur less frequently.	
<b>Brief outline of the course:</b> Craniocerebral injury. Spinal injuries. Chest injury. Injury to the abdomen, pelvis and urogenital system. The injuries of the upper limb. Lower limb injuries. Specific types of injuries and injury complications. History, terminology and basic principles of examination in urology. Anomalies of the urogenital system. Inflammatory diseases of the urogenital system, epidemiology, etiopathogenesis, diagnostic principles. Urolithiasis - etiopathogenesis, diagnostic procedure, complications and prognosis. Tumors of the urogenital system. Benign prostatic hyperplasia. Injuries of the urogenital system.	
<b>Recommended literature:</b> 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 Southerland, J.: McGlamrys Comprehensive Textbook of Foot and Ankle Surgery, Lippincot Williams Wilkins, 2012, 2112 p. ISBN: 9780781765800 Pokorný, J. et al.: Traumatologie, Triton, 2002, ISBN 80-7254-277-X	

Muller, M. et al.: Chirurgie pro studium a praxi. Goldstein and Goldstein 1997, ISBN 80-86094-10-3  
 Tanaghoe, E. A., McAninch, J. W.: Smith's General Urology. McGraw Hill Medical, 2000, ISBN 0-07-159331-4  
 Breza, J. et al.: Všeobecná a špeciálna urológia, Univerzita Komenského Bratislava 2004, ISBN 80-223-1907-4.

**Course language:**

English, Slovak

**Notes:**

**Course assessment**

Total number of assessed students: 380

abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
99.21	0.0	0.26	0.0	0.0	0.0	0.53

**Provides:** doc. MUDr. Miroslav Gajdoš, CSc., 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., doc. MUDr. Jozef Výrostko, CSc., doc. MUDr. Jana Kaľuchová, PhD., MUDr. Ľubomír Lachváč, PhD., MUDr. Marek Vargovčák, prof. MUDr. Juraj Bober, CSc., MUDr. Pavol Harbulák, 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., MUDr. Marek Lacko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Marianna Zábavníková, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Štefan Ivanecký

**Date of last modification:** 11.02.2016

**Approved:** prof. MUDr. Daniel Pella, PhD.



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ChK/S-GM6/15		<b>Course name:</b> Surgery 6				
<b>Course type, scope and the method:</b> <b>Course type:</b> Practice <b>Recommended course-load (hours):</b> <b>Per week: Per study period:</b> 280s <b>Course method:</b> present						
<b>Number of credits:</b> 12						
<b>Recommended semester/trimester of the course:</b> 11., 12..						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b> ChK/S-GM5/09 and KRO/RCO- GM2/14						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 332						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
86.45	6.02	5.72	1.2	0.3	0.3	0.0
<b>Provides:</b> prof. MUDr. Mária Frankovičová, PhD., MUDr. Štefan Ivanecký, doc. MUDr. Jana Kaľuchová, PhD., MUDr. Róbert Kilík, PhD., MUDr. Mária Kubíková, PhD., MUDr. Lucia Lakyová, PhD., MUDr. Vladimír Sihotský, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Ján Babík, CSc., prof. MUDr. Juraj Bober, CSc., MUDr. Izabela Bosznayová, doc. MUDr. Miroslav Gajdoš, CSc., mim.prof., MUDr. Tomáš Gajdzik, PhD., MUDr. Pavol Harbulák, MUDr. Tomáš Hildebrand, PhD., MUDr. Rastislav Kalanin, PhD., prof. MUDr. Miroslav Kitka, PhD., MUDr. Teodor Kluka, PhD., MUDr. Ivan Kováč, PhD., MUDr. Marián Kudláč, MUDr. Ľubomír Lachvác, PhD., MUDr. Marek Lacko, PhD., doc. MUDr. Radoslav Morochovič, PhD., prof. MUDr. Vincent Nagy, PhD., prof. MUDr. Jozef Radoňak, CSc., MPH, MUDr. Pavel Staško, PhD., MUDr. Milan Stebnický, PhD., prof. MUDr. Ladislav Valanský, PhD., MUDr. Marek Vargovčák, doc. MUDr. Michal Vaľko, PhD., doc. MUDr. Gabriel Vaško, CSc., MUDr. Martina Vidová Ugurbas, PhD., MUDr. Andrej Vrzgula, PhD., doc. MUDr. Jozef Výrostko, CSc., MUDr. Martina Zavacká, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Milan Šudák, PhD., prof. MUDr. Igor Šulla, DrSc., doc. MUDr. Jozef Firment, PhD., MUDr. Adrián Kolesár, PhD., MPH, MUDr. Martin Ledecký, MUDr. Lucia Mistríková, MUDr. Štefánia Mižáková, doc. MUDr. František Sabol, PhD., MPH, MUDr. Tomáš Toporcer, PhD.						
<b>Date of last modification:</b> 03.05.2015						

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ChK/ SP-GM/15		<b>Course name:</b> Surgery - Propedeutics			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 2 / 2 <b>Per study period:</b> 28 / 28 <b>Course method:</b> present					
<b>Number of credits:</b> 5					
<b>Recommended semester/trimester of the course:</b> 5.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> UHE/HE-GM2/13 and UA/A-GM2/14					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 944					
A	B	C	D	E	FX
48.73	22.14	14.09	7.31	6.78	0.95
<p><b>Provides:</b> MUDr. Vladimír Sihotský, PhD., doc. MUDr. Miroslav Gajdoš, CSc., mim.prof., prof. MUDr. Jozef Radoňak, CSc., MPH, prof. MUDr. Igor Šulla, DrSc., prof. MUDr. Mária Frankovičová, PhD., prof. MUDr. Ladislav Valanský, PhD., prof. MUDr. Miroslav Kitka, PhD., doc. MUDr. Gabriel Vaško, CSc., prof. MUDr. Vincent Nagy, PhD., doc. MUDr. Jozef Výrostko, CSc., doc. MUDr. Jana Kaľuchová, PhD., doc. MUDr. Radoslav Morochovič, PhD., prof. MUDr. Juraj Bober, CSc., MUDr. Ján Babík, CSc., MUDr. Marián Kudláč, doc. MUDr. Michal Vaľko, PhD., MUDr. Milan Stebnický, PhD., MUDr. Marianna Zábavníková, PhD., MUDr. Andrej Vrzgula, PhD., MUDr. Ľubomír Lachváč, PhD., MUDr. Milan Šudák, PhD., MUDr. Róbert Šimon, PhD., MPH, MUDr. Marek Lacko, PhD., MUDr. Pavol Harbuľák, MUDr. Marek Vargovčák, MUDr. Izabela Bosznayová, MUDr. Tomáš Gajdzik, PhD., MUDr. Tomáš Hildebrand, PhD., MUDr. Rastislav Kalanin, PhD., MUDr. Róbert Kilík, PhD., MUDr. Lucia Lakyová, PhD., doc. MUDr. Marek Šoltés, PhD., MUDr. Diana Tomašurová, MUDr. Mária Kubíková, PhD., MUDr. Pavel Staško, PhD., MUDr. Martina Zavacká, PhD., MUDr. Teodor Kluka, PhD., MUDr. Martina Vidová Ugurbas, PhD., MUDr. Ivan Kováč, PhD., MUDr. Peter Berek, PhD., MUDr. Adrián Kolesár, PhD., MPH, MUDr. Martin Ledecký, MUDr. Lucia Mistríková, MUDr. Štefánia Mižáková, doc. MUDr. František Sabol, PhD., MPH, MUDr. Tomáš Toporcer, PhD.</p>					
<b>Date of last modification:</b>					

**Approved:** prof. MUDr. Daniel Pella, PhD.

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice						
<b>Faculty:</b> Faculty of Medicine						
<b>Course ID:</b> ChK/ OTT-GM/15		<b>Course name:</b> The Organ and Tissue Transplantation				
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 2 <b>Per study period:</b> 0 / 28 <b>Course method:</b> present						
<b>Number of credits:</b> 2						
<b>Recommended semester/trimester of the course:</b> 10.						
<b>Course level:</b> I.II.						
<b>Prerequisites:</b>						
<b>Conditions for course completion:</b>						
<b>Learning outcomes:</b>						
<b>Brief outline of the course:</b>						
<b>Recommended literature:</b>						
<b>Course language:</b>						
<b>Notes:</b>						
<b>Course assessment</b> Total number of assessed students: 30						
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
<b>Provides:</b> doc. MUDr. Jana Kaňuchová, PhD.						
<b>Date of last modification:</b>						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice	
<b>Faculty:</b> Faculty of Medicine	
<b>Course ID:</b> UA/ GM/09	<b>Course name:</b> Topographic Anatomy
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 1 / 1 <b>Per study period:</b> 14 / 14 <b>Course method:</b> present	
<b>Number of credits:</b> 2	
<b>Recommended semester/trimester of the course:</b> 8.	
<b>Course level:</b> I.II.	
<b>Prerequisites:</b> UA/A-GM3/14	
<b>Conditions for course completion:</b> practical test evaluation: completed	
<b>Learning outcomes:</b> The aim of this subject is the study of topographical relationships of the anatomical structures, their position in the human body with emphasis on the needs of clinical medicine. The explanation of the existence of different variations of various anatomical structures is very important for the next practice.	
<b>Brief outline of the course:</b> Topographical anatomy of the various regions of the head, neck, chest, abdomen, pelvis, upper and lower limbs. The dissection and study of surface and in-depth services in these areas.	
<b>Recommended literature:</b> Platzer W.: Color Atlas of Human Anatomy, Locomotor system, Internal organs, Nervous system , Thieme, 6th Edition, 2008. Gilroy A. M.: Anatomy An essential Textbook, Thieme 2013. Leonhardt H.: Color Atlas of Human Anatomy, Internal organs , Thieme, 6th Edition, 2008. Kahle W.: Color Atlas of Human Anatomy, Nervous system and sensory organs . Thieme, 6th Edition, 2008. Netter F. H.: Atlas of Human Anatomy . Sobotta: Atlas of Human Anatomy , 15th Edition, Musculoskeletal System, Internal Organs, Head, Neck, Neuroanatomy, Ed. by F. Paulsen and J. Waschke, English version with English Nomenclature, Elsevier Urban &Fisher, www. e-sobotta.com/service. Kluchová D. et al.: Guide through Anatomy of Human Body , Košice, 2010. Kluchová D. : Neuroanatomy, Košice, 2010 Rohen, Yokochi: Colour Atlas of Anatomy K. L. Moore: Essential Clinical Anatomy	
<b>Course language:</b> English	
<b>Notes:</b>	

subject is provided only in the summer semester						
<b>Course assessment</b>						
Total number of assessed students: 49						
abs	abs-A	abs-B	abs-C	abs-D	abs-E	neabs
65.31	0.0	0.0	0.0	0.0	0.0	34.69
<b>Provides:</b> doc. MUDr. Ingrid Hodorová, PhD., prof. MVDr. Silvia Rybárová, PhD., prof. MUDr. Darina Kluchová, PhD., doc. MVDr. Jozef Mihalik, CSc., MUDr. Janka Vecanová, PhD., MUDr. Dalibor Kolesár, PhD., MUDr. Božena Nováková, PhD., MUDr. Róbert Čellár, MUDr. Štefan Štolfa, PhD., MUDr. Aurélia Kollová, Ph.D., doc. MUDr. Miroslav Gajdoš, CSc., mim.prof., doc. MUDr. Peter Urdzík, PhD., MPH						
<b>Date of last modification:</b> 11.02.2016						
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.						

## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> KICM/ TM-GM/09		<b>Course name:</b> Tropical Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b>					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b> Epidemiological aspects and basic diagnostics of infectious diseases, the basic principles antiinfectious treatment of tropical infection, imported infections.					
<b>Brief outline of the course:</b> The nature of infectious diseases, principles of diagnosis. Tropical intestinal infections. Viral hepatitis. HIV / AIDS. Malaria. Tropical parasitic diseases. Imported infections.					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 99					
A	B	C	D	E	FX
63.64	19.19	5.05	8.08	3.03	1.01
<b>Provides:</b> prof. MUDr. Ivan Schréter, CSc., prof. MUDr. Pavol Jarčuška, PhD., doc. MUDr. Pavol Kristian, PhD., MUDr. Lucia Fontanelli, MUDr. Martin Novotný, PhD., MUDr. Zuzana Paraličová, PhD.					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					



## COURSE INFORMATION LETTER

<b>University:</b> P. J. Šafárik University in Košice					
<b>Faculty:</b> Faculty of Medicine					
<b>Course ID:</b> ChK/ UM-GM/15		<b>Course name:</b> Urgent Medicine			
<b>Course type, scope and the method:</b> <b>Course type:</b> Lecture / Practice <b>Recommended course-load (hours):</b> <b>Per week:</b> 0 / 1 <b>Per study period:</b> 0 / 14 <b>Course method:</b> present					
<b>Number of credits:</b> 2					
<b>Recommended semester/trimester of the course:</b> 9.					
<b>Course level:</b> I.II.					
<b>Prerequisites:</b> ChK/S-GM1/16 and IK/IM-GM1/16 and ChK/SP-GM/15					
<b>Conditions for course completion:</b>					
<b>Learning outcomes:</b>					
<b>Brief outline of the course:</b>					
<b>Recommended literature:</b>					
<b>Course language:</b>					
<b>Notes:</b>					
<b>Course assessment</b> Total number of assessed students: 295					
A	B	C	D	E	FX
65.08	19.66	6.78	4.75	2.37	1.36
<b>Provides:</b> doc. MUDr. Eva Szabóová, PhD., MUDr. Štefan Ivanecký					
<b>Date of last modification:</b> 11.02.2016					
<b>Approved:</b> prof. MUDr. Daniel Pella, PhD.					